LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
(Autonomous Status Since the Academic Year 2010-11 & Extended up to 2031-32)
NAAC Accredited with CGPA of 3.20 on 4-point scale at 'A' Grade
NIRF-2022 (Positioned in the Band of 251-300 in the Engineering Category)
NIRF-2023 (Positioned in the Band of 101-150 in the Innovation Category)
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Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada
L.B.Reddy Nagar, Mylavaram-521230, N.T.R Dist., Andhra Pradesh, India.

Department of Civil Engineering

Co-Curricular Winner List   **A.Y 2023-2024**

S.No	Name of the student	Regd. Number	Participated Events	College Name-	Prize secured Position
1.	J.Ramesh V Ramesh	22761A0118 22761A0137	QUIZ	Lakireddy Balireddy college of Engineering	I
2.	Soujanya Thota	22761A0135	QUIZ	KL university	I
3.	Gera Venkata Sathvika	22761A0114	QUIZ	Lakireddy Bali reddy college of engineering	I
4.	Gera Venkata Sathvika	22761A0114	POSTER PRESENTATION	Lakireddy Bali reddy college of engineering	I
5.	K YASASWINI D LOHITHA	23765A0110 23765A0103	POSTER PRESENTATION	Lakireddy Bali reddy college of engineering	II
6.	Yaswanth Garnepudi	23765A0108	QUIZ	KL university	I
7.	Ulliboina Jamalaiah	22761A0136	SPECIAL EVENT	Velagapudi Ramakrishna Siddhartha Engineering College	III
8.	Vemula Ramesh	22761A0137	QUIZ	LBRCE	I
9.	T Swathi B Kusuma	23765A0123 23765A0104	PPT	LBRCE	II
10.	T Swathi B Kusuma	23765A0123 23765A0104	MODEL EXPO	LBRCE	II
11.	A SIVA REDDY K TEJASWINI	23765A0103 23765A0111	EVOCATION & LOGIC	LBRCE	I
12.	V SHYAM M YOGA BHAVANA	22765A0119 21761A0130	EVOCATION & LOGIC	LBRCE	II

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S.No	Name of the student	Regd. Number	Participated Events	College Name-
13.	J.Ramesh	22761A0118	QUIZ	Lakireddy Balireddy college of Engineering
14.	Soujanya Thota	22761A0135	QUIZ	KL university
15.	G.YASWANTH	23765A0108	QUIZ	KLU
16.	Gera Venkata Sathvika	22761A0114	POSTER PRESENTATION	Lakireddy Bali reddy college of engineering
17.	Gera Venkata Sathvika	22761A0114	QUIZ	Lakireddy Bali reddy college of engineering
18.	Yaswanth Garnepudi	23765A0108	QUIZ	KL university
19.	Jujjavarapu Manasa	22761A0117	QUIZ	Lakireddy balireddy college of engeenering
20.	Jujjavarapu Manasa	22761A0117	POSTER PRESENTATION	Lakireddy balireddy college of engeenering
21.	Chaghantipati DeviSriPrasad	22761A0108	SPECIAL EVENT	VR Siddhartha Engineering College
22.	Ulliboina Jamalaiah	22761A0136	SPECIAL EVENT	Velagapudi Ramakrishna Siddhartha Engineering College
23.	DHARAVATHU GOPI	23765A0105	QUIZ	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
24.	Vemula Ramesh	22761A0137	QUIZ	LBRCE
25.	Boddu Anusha	22761A0105	QUIZ	Laki reddy bali reddy college of engineering
26.	Ulliboina Jamalaiah	22761A0136	SPECIAL EVENT	Lakireddy Bali Reddy College of Engineering
27.	K.Raghavendra	23765A0114	QUIZ	Lakireddy balireddy college of engineering
28.	K.Raghavendra	23765A0114	SPECIAL EVENT	Lakireddy balireddy college of engineering
29.	Chaghantipati DeviSriPrasad	22761A0108	SPECIAL EVENT	Shri Vishnu Engineering College Autonomous Bhimavaram
30.	Nimmaluri Bhanu Vara Prasad	23765A0116	QUIZ	LBRCE,Vr Siddharth,KL university
31.	Nimmaluri Bhanu Vara Prasad	23765A0116	SPECIAL EVENT	LBRCE,Vr Siddharth,KL university
32.	Ulliboina Jamalaiah	22761A0136	SPECIAL EVENT	Lakireddy Bali Reddy College of Engineering
33.	DHARAVATHU GOPI	23765A0105	QUIZ;	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
34.	DHARAVATHU GOPI	23765A0105	SPECIAL EVENT	LAKIREDDY BALIREDDY COLLEGE OF ENGINEERING
35.	Goda Trinadh	22761A0115	POSTER PRESENTATION	Lakireddy bali Reddy college of Engineering
36.	Dandela Lohitha	23765A0104	PPT;SPECIAL EVENT	Lakireddy bali Reddy college of Engineering

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A.Y 2023-2024

MSME IDEA HACKATHON 2.0

S.No	Roll Number	Student Name	Date	Participation /Award Received
1	19761A0158	VEERLA SRILATHA	**26/06/2023**	Participation

MSME IDEA HACKATHON 2.0 (Theme Based)

Reference No. :- **INC22BAP016004**

1. Name	VEERLA SRILATHA
2. Email Id	vsrilatha656@gmail.com
3. Mobile Number	9381066289
4. State	ANDHRA PRADESH
5. District	KRISHNA
6. Idea Theme	Waste to Wealth creation, Circular solutions & waste management
7. Title of proposed idea/innovation	Smart Waste Management using IOT Applications
8. Briefly explain newness/uniqueness of the innovation	The existing solid waste dust bins are open and often mishandled. The collection of the waste from the dust bins is not uniform, no proper communication to the waste collector, no proper control over collection of the waste. The proposed idea consists of a smart bin which uses sensors and other components of IOT in its design and functioning. They alert the users to dump the solid waste in the dust bin, segregate the wastes based on the moisture content, and display the level and quantity of the waste on the dust bin. They alert the waste collector, track their path, and record the waste collection information in the database. The app developed for this purpose will help to effectively monitor the process by the user.
9. Concept & Objective	Effective solid waste management is a globally sensitive problem and is a costly activity to manage properly. Successful waste management depends on proper segregation and collection of waste from the sources of generation. The manual involvement and interference in the system has often rendered the process ineffective for recovering valuable output from solid waste. The major problem in the process is attracting public to deposit their waste in the dust bins as the dust bins are often associated with bad odours due to the anaerobic decomposition of the solid waste in the bins and the poor bin management in public places. Hence, smart waste collection is the need of the hour. This will help in (i) Easy collection and segregation of waste (ii) Monitoring of waste collection and its documentation (iii) Development of user friendly solution through IOT tools for effective management of solid wastes. Objectives: • To Design, Test, Optimize and Development of a Smart Bin. • To segregate the dry and wet waste and subsequently the dry solid waste into metallic and non-metallic. • To send automatic updates to the truck/vehicle drivers based on the level of waste bin filling through Central Communication System (CCS). • To make authorized access of Truck Driver to facilitate the CCS about the status of waste management.
10. Specify the potential areas of application in industry/market in brief	It can be applied in shopping malls, cinema halls, schools, colleges, hospitals, airports, hospitals etc.
11. Briefly provide the market potential of idea/innovation	The smart bins usage is very low in India. Further, segregation of solid waste is not being properly adopted. The proposed design overcomes this limitation and provides a simple design with waste segregation and user-friendly interface. Hence it can be successfully adopted in India.
12. Uploaded Proposal	View/Download