



SRI SHANMUGHA
COLLEGE OF ENGINEERING AND TECHNOLOGY



**DEPARTMENT OF
AGRICULTURAL ENGINEERING**

GROSSMARTZZ

2022-2023

GLIMPSES OF 2022-2023

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MESSAGE FROM THE HEAD OF THE DEPARTMENT



Dr. L. Ranganathan

Dear GROSSMARTZZ Readers, I am quite delighted to extend a warm greeting to you on GROSSMARTZZ upcoming 2022–2023 edition. It is a great pleasure for me to express my emotions and send my warmest regards to each of you through these pages. This journal is a source of inspiration and a tribute to our group achievements, inspiring us all to strive for greater domination. My heartfelt appreciation goes out to the dedicated team of GROSSMARTZZ, whose never-ending efforts have led to this publishing. It is quite praiseworthy that you have persisted in showcasing the accomplishments of our department. I want to extend an invitation to everyone to flip through the pages of this magazine and reminisce about those special moments.

**Warm regards,
Dr. L. Ranganathan
Head of the Department**

MESSAGE FROM THE EDITORIAL DESK

Dear GROSSMARTZZ Readers,

The Department of Agriculture Engineering is excited to present the latest issue of GROSSMARTZZ's, our departmental magazine that highlights abilities, achievements, and innovative endeavours of our staff and students. We look forward to another exciting year together. These pages contain fascinating photo collages, perceptive viewpoints, and compelling stories that capture the dynamic spirit of our academic community, including student accomplishments, field and industry visits, symposiums, and departmental highlights from the 2022–23 academic year. This publication is proof of our steadfast commitment to innovation and quality in education. We hope you enjoy looking through this edition and contemplating regarding the previous year. Your assistance is crucial to keeping GROSSMARTZZ a popular platform.

Warm regards,
The Editorial Desk



VISION AND MISSION OF THE DEPARTMENT

VISION

To produce Agricultural Engineers with enriched knowledge and moral values to achieve excellence in academic, industry and research-centric environments.

MISSION

- To provide a conducive learning atmosphere to improve the analytical, design and investigation knowledge through effective teaching-learning Processes.
- To create an amicable environment to solve societal problems through continuing education programmes and research.
- To develop students ethically responsible for the benefit of society through cultural, social and economic awareness.

PEOs AND PSOs OF THE DEPARTMENT

PEO1 – Practice Agricultural Engineering and Technology concepts across diverse Industrial, societal, and real-world contexts.

PEO2 – Pursue higher education for professional development.

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PEO3–Become Agripreneur with leadership qualities and continuously contributes to societal needs ethically.

PSO1 – Develop the student's expertise in the field of agricultural engineering by using diverse resources, farm mechanization, and processing.

PSO2 – Acquire knowledge on IoT, Drone Technology applications in Agriculture and Automation in Agriculture sectors..

STUDENT OFFICIALS



Mr. S. R. KARTHICK
PRESIDENT



Ms.DHANUSHIYA
VICE PRESIDENT



Mr.AKILAN KUMAR E M
SECRETARY



Mr. B. GUNAL
TREASURER



Mr.A.MASAN
OFFICE BEARER

EDITORIAL TEAM



DR. L. RANGANATHAN
CHIEF EDITOR



MR. K. MOHAN
EDITOR



MRS. K. LAVANYA
EDITOR

PLACEMENT DETAILS



ATHIYAMAN.A
JOY TECHNOLOGIES
2.7 LPA



BALAGANGA
JOY TECHNOLOGIES
2.7 LPA



PRIYA
JOY TECHNOLOGIES
2.7 LPA



ANANDRAJ.A
DAMS AGRI PVT LTD
3 LPA



ARUNRAJ S
DAMS AGRI PVT LTD
3 LPA



DHANAPRAKASH V
DAMS AGRI PVT LTD
3 LPA



MASAN A
DAMS AGRI PVT LTD
3 LPA



KANNADHASAN.G
DAMS AGRI PVT LTD
3 LPA



VINOTH KUMAR A
DAMS AGRI
PVT LTD
3 LPA



YOGESHWAR S K
DAMS AGRI PVT LTD
3 LPA



VIBIN CHRISTOHER D
DAMS AGRI PVT LTD
3 LPA

2019-2023 BATCH



100% PLACEMENT

PLACEMENT DETAILS



MOULEESWARAN C
PAAMA
2.4LPA



JAGAN KUMAR T
PAAMA
2.4LPA



DEEPAN KUMAR S
SATHIYAM AGRO CLINI
2LPA



GUNAL B
SATHIYAM AGRO CLINI
2LPA



NEETHIMENAN N
SATHIYAM AGRO CLINI
2LPA



PREMALATHA D
SATHIYAM AGRO CLINI
2LPA



MUTHU LAKSHMI M
SATHIYAM AGRO CLINI
2LPA



VASUNTHARA A
SATHIYAM AGRO CLINI
2LPA



UMA PRIYA S
SATHIYAM AGRO CLINI
2LPA



SOWNDHARYA S
SATHIYAM AGRO CLINI
2LPA



SAKILA S
SATHIYAM AGRO CLINI
2LPA

2019-2023 BATCH



100% PLACEMENT

PLACEMENT DETAILS



BOOMIKA G

SATHIYAM AGRO CLINI
2LPA



GIRIJA

SATHIYAM AGRO CLINI
2LPA



HEMADHARSHINI V

SATHIYAM AGRO CLINI
2LPA



SRUTHI K

SATHIYAM AGRO CLINI
2LPA

2019-2023 BATCH



HIGHLIGHTS OF THE DEPARTMENT (2022-23)



INDUSTRIAL SEMINAR ON ENTREPRENEURSHIP SKILLS IN AGRICULTURE



CYBERNETIC SEMINAR ON DESIGN THINKING



NATIONAL LEVEL WORKSHOP ON DRONE TECHNOLOGY IN AGRICULTURE



PROGRAM ON HOW TO APPLY BAND WRITE PATENT



INDUSTRIAL VISIT TO ICAR INSTITUTE SOIL AND WATER CONSERVATION



INDUSTRIAL VISIT TO AO HONEY BEE FARM

STUDENT ACHIEVEMENTS

S.No	Year	Name of the Event	Name of the Student	Year of Study	Name of the Organizer	Award Won/ Participated
1	2023	National Level Technical Symposium	J.Saranya	IV/Agri	Gnanamani Colege of Engineering	I
2	2023	First National Conference on Innovative Smart Technologies in Engineering	L. Sowmiya	IV/Agri	Excel Engineering College, Komarapalayam	Best paper Award
3	2023	First National Conference on Innovative Smart Technologies in Engineering	S Umapriya	IV/Agri	Excel Engineering College, Komarapalayam	Best paper Award
4	2023	National Level Techfest SHUKRA-2K23	MEERA NAIR	III/Agri	Excel Engineering College, Komara palayam	I
5	2023	National Level Techfest SHUKRA-2K23	MEGHA NAIR	III/Agri	Excel Engineering College, Komarap alayam	I
6	2023	UDHAYAM'23- An Intercollegiate Technical &Cultural Fest	Manoranjith	III/Agri	Kalaignarkarunanidhi Institute of Technology, Coimbatore	III
7	2023	One day National Level Technical Symposium - TECHUTSAV'23-	Yuvanisha A	III/Agri	Vivekananda College of Technology for Women, Tiruchengode	I

STUDENT ACHIEVEMENTS

S.No	Year	Name of the Event	Name of the Student	Year of Study	Name of the Organizer	Award Won/ Participated
8	2023	National Level Technical Symposium	R.Soundharya	III/Agri	Gnanamani College of Engineering	I
9	2023	National Level Technical Symposium	S.Kumaresan	III/Agri	Gnanamani College of Engineering	II
10	2023	National Level Technical Symposium	S.Ravishankar	III/Agri	Gnanamani College of Engineering	II
11	2023	National Level Technical Symposium	S.Hemgowtham	IV/Agri	Gnanamani College of Engineering	III
12	2023	National Level Technical Symposium	E.M.Akilan kumar	IV/Agri	Gnanamani College of Engineering	III
13	2023	National Level Technical Symposium	Meera Nair	IV/Agri	Gnanamani College of Engineering	I
14	2023	National Level Technical Symposium	J.Saranya	IV/Agri	Gnanamani College of Engineering	I

2023 in NUMBERS

NPTEL- 26 (5 ELITE & 3 ELITE+ SILVER)

Our department 26 students have earned NPTEL certifications including (5 ELITE & 3 ELITE+ SILVER), commitment to academic demonstrating their success.

Our department 14 students participated in a variety of external events, demonstrating their abilities outside of the college. 6 Events are regularly hosted within our department, fostering an academic and social atmosphere

2023 in NUMBERS

1 LAKHS

significant achievement for our department was received grants from SPICES

19

Students in our department have achieved NPTEL certifications, demonstrating their commitment to academic prowess.

FORTY-SIX



Students from our department actively participated in diverse external engagements, demonstrating their talents outside the confines of the campus.

Events are hosted within our department, cultivating a stimulating environment that nurtures both academic and social interactions

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CEREBRATE 2023



