



V.S.B. College of Engineering Technical Campus

Approved by AICTE, New Delhi & Affiliated to Anna University

Coimbatore to pollachi Road NH - 209, Ealur Privu, Kinathukadavu Taluk,

Coimbatore - 642109, Tamilnadu, India. Email: office@vsbcetc.com Website : www.vsbcetc.com



DEPARTMENT OF AGRICULTURAL ENGINEERING



**"AGRICULTURE IS THE MOST HEALTHFUL,
MOST USEFUL AND MOST NOBEL
EMPLOYMENT OF MAN"**

-GEORGE WASHINGTON.

**NEWS LETTER
ACADEMIC YEAR 2022-2023
(EVEN SEM-APR/MAY 2023)**

DEPARTMENT OF AGRICULTURAL ENGINEERING (B.TECH AGRICULTURAL ENGINEERING)

- **BACHELOR OF TECHNOLOGY (B. TECH) IN AGRICULTURAL ENGINEERING IS A COURSE WHEREIN THE CANDIDATES GET THE KNOWLEDGE ABOUT THE DESIGNING AND DEVELOPMENT OF THE AGRICULTURE EQUIPMENT AND ALSO RESOLVE THE PROBLEM OF THE FARMER.**



- **THE APPLICATION OF ENGINEERING IN AGRICULTURE IS MANDATORY FOR COMPLETE MECHANIZATION OF AGRICULTURAL FARMS.**
- **THIS PROGRAMME PROVIDES THE STUDENTS WITH BOTH THEORETICAL AND PRACTICAL KNOWLEDGE ON ENGINEERING APPLICATIONS IN AGRICULTURE.**
- **THE CURRICULUM INVOLVES COURSES IN BASIC AGRICULTURE, BASIC ENGINEERING, SOIL AND WATER CONSERVATION, FARM MACHINERY AND POWER, FOOD PROCESSING AND RENEWABLE ENERGY.**
- **THE STUDENTS CAN BE ABLE TO SHINE IN ALL FIELDS AND ALSO THE PROGRAMME HELPS THE STUDENTS TO TRANSFORM THEMSELVES AS A YOUNG ENTREPRENEUR.**



VISION & MISSION

VISION:

- We endeavor to impart futuristic technical education of the highest quality to the student community and to inculcate discipline in them to face the world with self-confidence and thus we prepare them for life as responsible citizens to uphold human values and to be of services at large. We strive to bring up the Institution as an Institution of Academic excellence of International standard

MISSION:

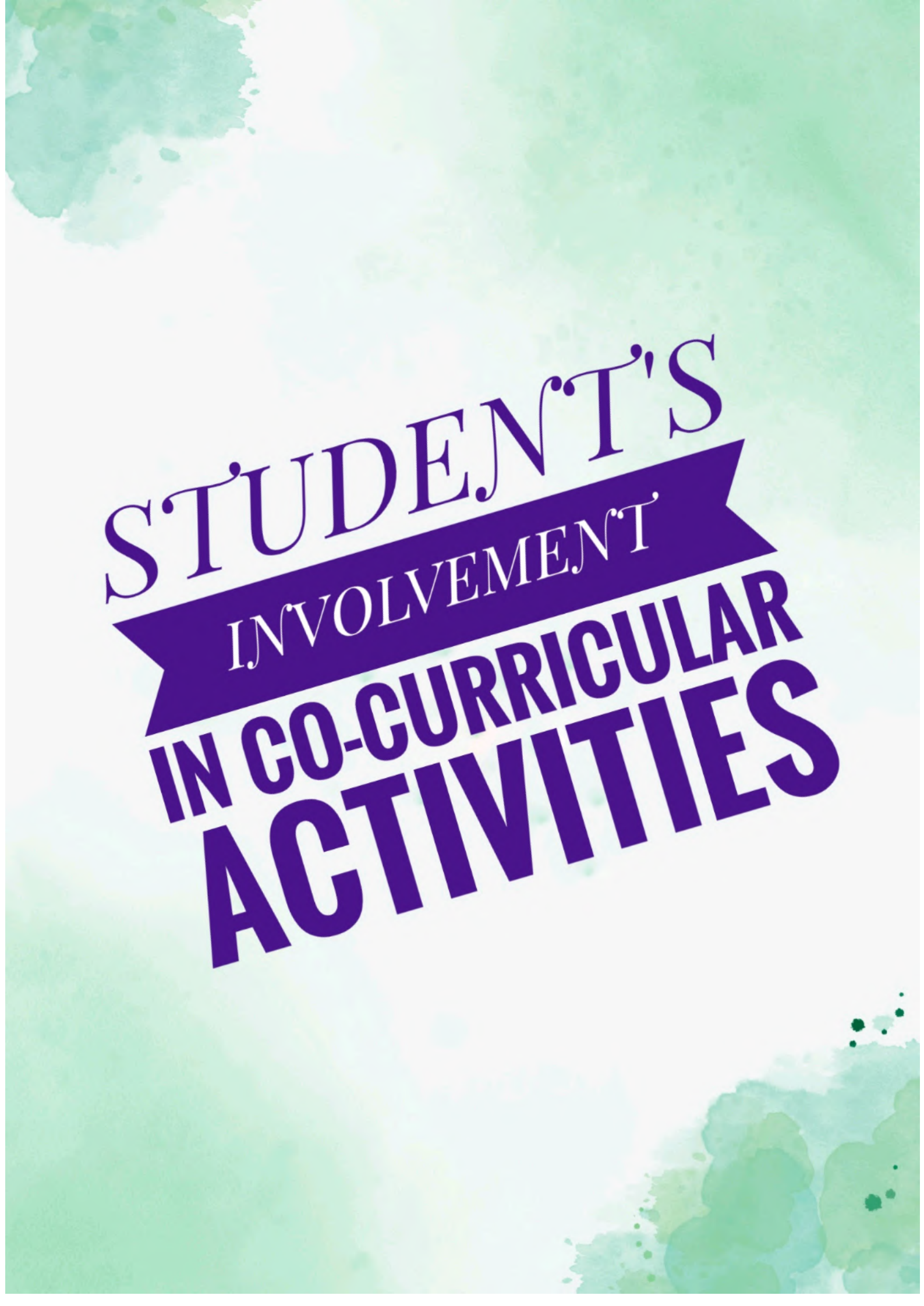
- TO PRODUCE GOOD QUALITY AGRICULTURAL ENGINEERS
- TO PROVIDE THE REQUIRED MANPOWER IN THE FIELD OF AGRICULTURAL ENGINEERING SUITABLE FOR RESEARCH AND EDUCATION, EXTENSION, GOVERNMENT AGENCY, PRIVATE INDUSTRIES, AGRO-INDUSTRIES, NGO ETC.
- TO ASSIST FARMERS IN REDUCING THE COST OF CULTIVATION THROUGH BETTER UTILIZATION OF EFFICIENT FARM MACHINERY, SOIL AND WATER CONSERVATION, IRRIGATION MANAGEMENT, VALUE ADDITION THROUGH FARM LEVEL PROCESSING, POST-HARVEST TECHNOLOGY; PROTECTIVE CULTIVATION AND USE OF RENEWABLE ENERGY ULTIMATELY HELP THE FARMERS TO INCREASE THEIR EARNINGS HUMAN RESOURCE DEVELOPMENT OF THE FACULTY.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS):

PEO 1: DEVELOP DIVERSE CAPABILITY TO WORK WITH TRACTOR AND IMPLEMENT MANUFACTURING INDUSTRIES, SEED PROCESSING INDUSTRIES, IRRIGATION AND DRAINAGE COMPANIES AND ALSO TO RUN SELF - ENTREPRENEURSHIP LIKE DAIRY FARMING AND CUSTOM HIRING CENTERS.

PEO 2: TAKE UP HIGHER STUDIES IN REPUTED INSTITUTES AND MOTIVE TOWARDS INNOVATIVE RESEARCH BY APPLYING THEIR SKILLS IN AGRICULTURAL WATER MANAGEMENT, FARM MACHINERY AND POWER, PROCESSING AND ENERGY MANAGEMENT SYSTEMS IN AGRICULTURE.

PEO 3: UNDERSTAND THE ISSUES OF ETHICS, SAFETY, PROFESSIONALISM, CULTURAL DIVERSITY, GLOBALIZATION, ENVIRONMENTAL IMPACT AND RESPONSIBILITY OF SERVING THE SOCIETY AND THE ENVIRONMENTAL ISSUES.



STUDENT'S
INVOLVEMENT
IN CO-CURRICULAR
ACTIVITIES

STUDENTS PARTICIPATION IN NPTEL

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
RUBA SUBRAMANI
for successfully completing the course

Soil Science and Technology

with a consolidated score of **53** %

Online Assignments	19.56/25	Proctored Exam	33/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
RAMYA G
for successfully completing the course

Soil Science and Technology

with a consolidated score of **78** %

Online Assignments	21.03/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

Institute of Technology Kharagpur



Institute of Technology Kharagpur



G03553392089

To validate the certificate



No. of credits reco:G03553393231

To validate the certificate



No. of credits reco

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
VIJJI M
for successfully completing the course

Soil Science and Technology

with a consolidated score of **72** %

Online Assignments	19.81/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SANJANA S
for successfully completing the course

Soil Science and Technology

with a consolidated score of **78** %

Online Assignments	21.06/25	Proctored Exam	57/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

Institute of Technology Kharagpur



Institute of Technology Kharagpur



G03553392465

To validate the certificate



No. of credits reco:G03553394440

To validate the certificate



No. of credits reco

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
GOKULA PRIYA K B B
for successfully completing the course

Soil Science and Technology

with a consolidated score of **76** %

Online Assignments	22.31/25	Proctored Exam	54/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SANGEETHA M
for successfully completing the course

Soil Science and Technology

with a consolidated score of **63** %

Online Assignments	15.38/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

Institute of Technology Kharagpur



Institute of Technology Kharagpur



G03553390167

To validate the certificate



No. of credits reco:G03553390636

To validate the certificate



No. of credits reco

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
LAKSHMI PRIYA B
for successfully completing the course

Soil and Water Conservation Engineering

with a consolidated score of **65** %

Online Assignments	18.44/25	Proctored Exam	46.5/75
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Total number of candidates certified in this course: 276

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
PRABHA G
for successfully completing the course

Soil Science and Technology

with a consolidated score of **68** %

Online Assignments	19.6/25	Proctored Exam	48/75
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Total number of candidates certified in this course: 256

Jan-Apr 2023
(12 week course)

Prof. Debjan
Goswami
IT Kh.

Institute of Technology Kharagpur



Institute of Technology Kharagpur



G07553393129

To validate the certificate



No. of credits reco:G03553394540

To validate the certificate



No. of credits reco



INTERNSHIP ACMEGRADE

**CERTIFICATE
OF TRAINING COMPLETION**

This is to certify that

Mr./Ms. LYDIA V

has successfully completed his / her term of Training
in Human Resources from 12-Sep-23
to 12-Oct-23 and has proven his/her
competency with utmost dedication and promise.

 Certificate number: AGC202306393
For certificate authentication
Scan QR code


Chitra Patel
Academic Head

**CERTIFICATE
OF TRAINING COMPLETION**

This is to certify that

Mr./Ms. PRABHA.G

has successfully completed his / her term of Training
in Autocad from 12-Sep-2023
to 12-Oct-2023 and has proven his/her
competency with utmost dedication and promise.

 Certificate number: AGC2023061239
For certificate authentication
Scan QR code


Chitra Patel
Academic Head

**CERTIFICATE
OF TRAINING COMPLETION**

This is to certify that

Mr./Ms. B.LAKSHMI PRIYA

has successfully completed his / her term of Training
in Autocad from 12-Sep-2023
to 12-Oct-2023 and has proven his/her
competency with utmost dedication and promise.

 Certificate number: AGC2023061346
For certificate authentication
Scan QR code


Chitra Patel
Academic Head

**CERTIFICATE
OF TRAINING COMPLETION**

This is to certify that

Mr./Ms. P.SELVAGANAPATHI

has successfully completed his / her term of Training
in Autocad from 12-Sep-2023
to 12-Oct-2023 and has proven his/her
competency with utmost dedication and promise.

 Certificate number: AGC2023061347
For certificate authentication
Scan QR code


Chitra Patel
Academic Head

**CERTIFICATE
OF TRAINING COMPLETION**

This is to certify that

Mr./Ms. P.BALAKRISHNAN

has successfully completed his / her term of Training
in Autocad from 12-Sep-2023
to 12-Oct-2023 and has proven his/her
competency with utmost dedication and promise.

 Certificate number: AGC2023061356
For certificate authentication
Scan QR code


Chitra Patel
Academic Head

**CERTIFICATE
OF TRAINING COMPLETION**

This is to certify that

Mr./Ms. P. MOHANRAJ

has successfully completed his / her term of Training
in Autocad from 12-Sep-2023
to 12-Oct-2023 and has proven his/her
competency with utmost dedication and promise.

 Certificate number: AGC2023061364
For certificate authentication
Scan QR code


Chitra Patel
Academic Head



CERTIFICATE OF TRAINING COMPLETION

This is to certify that

Mr./Ms. SANJANA S

has successfully completed his / her term of Training

in Autocad from 12-Sep-2023

to 12-Oct-2023 and has proven his/her

competency with utmost dedication and promise.



Certificate number: AGC2023091320
For certificate authentication
Scan QR code

Rohit

Challa Rohit
Academic Head



CERTIFICATE OF TRAINING COMPLETION

This is to certify that

Mr./Ms. PRIYADARSHINI V

has successfully completed his / her term of Training

in Autocad from 12-Sep-2023

to 12-Oct-2023 and has proven his/her

competency with utmost dedication and promise.



Certificate number: AGC2023091345
For certificate authentication
Scan QR code

Rohit

Challa Rohit
Academic Head



CERTIFICATE OF TRAINING COMPLETION

This is to certify that

Mr./Ms. S.PRAVEENA

has successfully completed his / her term of Training

in Internet of Things from 12-Sep-2023

to 12-Oct-2023 and has proven his/her

competency with utmost dedication and promise.



Certificate number: AGC2023091267
For certificate authentication
Scan QR code

Rohit

Challa Rohit
Academic Head



CERTIFICATE OF TRAINING COMPLETION

This is to certify that

Mr./Ms. RAMYA G

has successfully completed his / her term of Training

in Autocad from 12-Sep-2023

to 12-Oct-2023 and has proven his/her

competency with utmost dedication and promise.



Certificate number: AGC2023091343
For certificate authentication
Scan QR code

Rohit

Challa Rohit
Academic Head

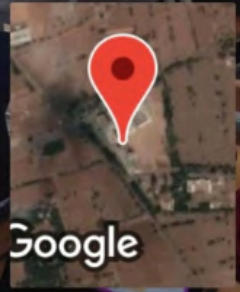


Department Meeting



GPS Map Camera

Coimbatore, Tamil Nadu, India
R2V9+556, Coimbatore, Tamil Nadu 641032, India
Lat 10.843054°
Long 77.017847°
07/06/23 12:19 PM GMT +05:30

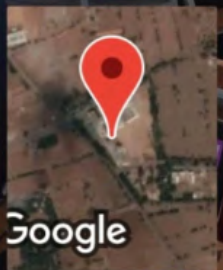


Google



GPS Map Camera

Coimbatore, Tamil Nadu, India
R2V9+556, Coimbatore, Tamil Nadu 641032, India
Lat 10.843054°
Long 77.017847°
07/06/23 12:19 PM GMT +05:30



Google



**UNIVERSITY RESULT ANALYSIS (APR/MAY 2023)
(EVEN SEM)**

**Department of Agricultural Engineering
BEFORE REVALUATION**

1.11.2023

S.No	Year / SEM	No of students				Pass %
		Appeared	Passed	Failed	With held	
1.	I/II	27	18	09	00	66.67%
2.	II/IV	38	34	04	00	89.47%
Overall Pass %		65	52	13	00	80.00%

UNIVERSITY RESULT ANALYSIS (APR/MAY 2023) (EVEN SEM)

Department of Agricultural Engineering





AFTER REVALUATION

30.11.2023

S.No	Year / SEM	No of students				Pass %
		Appeared	Passed	Failed	Withheld	
1.	I/II	27	18	09	00	66.67%
2.	II/IV	38	36	02	00	94.73%
Overall Pass %		65	54	11	00	83.07%

Toppers of Even Semester

Academic year 2022-23

S.NO	PHOTO	NAME	SGPA	RANK
1.		ANANYA S 723721225001	9.45	I
2.		PRABHA G 723721225021	9.45	I
3.		LAKSHMI PRIYA B 723721225013	9.25	II
4.		RATHISH S T 723721225025	9.02	III

TOPPERS EVEN SEMESTER ACADEMIC YEAR 2022-23

S.N O	PHOTO	REG.NO	SGP A
01.		723722225016	9.2
02.		723722225011	8.8
03.		723722225014	8.7

CROP PRODUCTION LABORATORY



TRACTOR LABORTARY



VSB COLLEGE OF
ENGINEERING TECHNICAL
CAMPUS
TECH AGRICULTURAL

COIMBATORE

POWER TILLER

TRACTOR

THE MAIN PURPOSE OF TRACTORS IS TO CULTIVATE AND GROW CROPS IN THE FARMS BY USING CULTIVATORS, ROTAVATORS, PLOWERS, TILLERS, TRANSPLANTERS, LEVELERS, HARVESTERS, ETC. WHICH CAN BE USED WITH TRACTORS OF DIFFERENT SIZES.



POWER TILLER

A POWER TILLER A TWO-WHEELED AGRICULTURAL IMPLEMENT FITTED WITH ROTARY TILLERS WHICH GIVES A SMOOTH RESISTANCE TO ALL FARM ACTIVITIES. IN FACT, IT HAS MULTIPLE USES & ADVANTAGES.





NSS





Thank
you!

