

CHRIST (Deemed to be University), Bangalore
School of Engineering and Technology
Department of Electronics and Communication Engineering

Activity Report

General Information

Type of Activity	Workshop/Seminar/Conference/Training/Events
Title of the Activity	<i>Industrial Visit to "Gandhi KrishiVigyana Kendra (GKVK)",</i>
Date/s	13.07.2023
Time	9.00am to 4.00pm
Venue	GKVK
Collaboration/Sponsor (if any)	NA

Speaker/Guest/Presenter Details

Name	NA
Title/Position	NA
Organization	NA
Title of Presentation	NA

(Add/repeat above rows if there is more than 1 Speaker)

Participants profile

Type of Participants	Student/Faculty
No. of Participants	90/04

Synopsis of the Activity (Description)

Highlights of the Activity	1.The Industrial Visit was a great benetit for the students to directly understand about the various concepts of precision agriculture.
Key Takeaways	1. Automatic fertilizer dispenser using sensors demonstration was shown to the students. 2. Different sensors and its working was demonstrated on field.

Summary of the Activity	The institution that promotes agricultural education, research, and extension services. Its contributions in terms of academic programs, research breakthroughs, and community outreach make it a significant player in the agricultural landscape of Karnataka and India as a whole.
Follow-up plan	NA

Report prepared by:

Name of the Organiser	Dr.Sujatha.S
Designation/Title	Associate Professor
Signature	Sujatha.S

Annexure:

- 1. Speaker Profile*
- 2. Photos of the activity (not more than two)*
- 3. Attendance list of participants*
- 4. Poster of the Activity*



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Organized industrial visit to "Gandhi Krishi Vigyana Kendra (GKVK)", Bangalore

About "Gandhi Krishi Vigyana Kendra (GKVK)"

It is one of the campus and administrative headquarters of UAS (University of Agricultural Sciences, Bangalore). It is located in Bangalore Suburb Yelahanka, Karnataka, India.

GKVK was established in 1969 with the objective of promoting agricultural education, research, and extension services in the state of Karnataka. It is spread over a sprawling campus of about 1,500 acres and serves as a hub for various agricultural activities. The center offers undergraduate, postgraduate, and doctoral programs in agriculture and related fields. It conducts research in areas such as crop improvement, plant protection, horticulture, agro-forestry, and animal husbandry. Apart from academic and research activities, GKVK also serves as a platform for extension services and technology transfer to farmers. It organizes training programs, workshops, and demonstrations to disseminate agricultural knowledge and best practices. The center collaborates with government agencies, agricultural organizations, and industry partners to promote sustainable agricultural development in the region. GKVK has well-equipped laboratories, experimental farms, greenhouses, and livestock facilities to support its research and educational activities. The institution has made significant contributions to the field of agriculture through its research findings, trained professionals, and outreach initiatives.

Overall, GKVK plays a vital role in advancing agricultural education, research, and technology transfer in Karnataka, making it an important institution in the agricultural landscape of India.

Report on industrial visit to GKVK

Objective:

GKVK Bangalore:

GKVK, which stands for Gandhi KrishiVignan Kendra, is an agricultural research and education center located in Bangalore, India. It is affiliated with the University of Agricultural Sciences (UAS), Bangalore. Established in 1969, GKVK has since become a prominent institution in the field of agriculture.



The center was established in 1969 under the leadership and vision of Dr. M.H. Marigowda, the founder Vice-Chancellor of UAS Bangalore. Dr. Marigowda played a crucial role in setting up GKVK with the aim of promoting agricultural education, research, and extension services in the state of Karnataka, India. His vision and dedication laid the foundation for GKVK to become a renowned institution in the field of agriculture.

Research and Innovation:

Research is a crucial aspect of GKVK's activities. The center conducts research in various domains of agriculture, including crop improvement, plant protection, horticulture, agroforestry, animal husbandry, soil science, and agricultural engineering. The research projects aim to address challenges faced by farmers, develop sustainable agricultural practices, improve crop productivity, and enhance the overall efficiency of agricultural systems.



GKVK's research efforts also focus on developing and promoting innovative technologies and methodologies for agriculture. This includes the development of new crop varieties, application of biotechnology in agriculture, precision farming techniques, and the use of modern tools and machinery to optimize agricultural practices.

Overall, GKVK is a renowned institution that promotes agricultural education, research, and extension services. Its contributions in terms of academic programs, research breakthroughs, and community outreach make it a significant player in the agricultural landscape of Karnataka and India as a whole.



Group photo of those who visited



Biogas power plant



Silk museum



Automatic irrigation using moisture sensor



Nursery



Automatic fertilizer dispenser using sensors

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION AND
ENGINEERING (ECE AND ELCS)**

ATTENDANCE

SL. No.	Roll No.	Name	Attendance1	Attendance2
1	2160602	ANTHONY J FERNANDES ab	Present	Present
2	2160605	B NOEL SOLOMON ab	Present	Present
3	2160607	CHENNAKESAVA SAI GANESH ab	Present	Present
4	2160608	ESHMEHAR SINGH BUDHIRAJA	Present	Present
5	2160609	GOURAV KUMAR	Present	Present
6	2160610	GURU ADITHYA PATCHIPULUSU	Present	Present
7	2160611	HARISH NANDHA P	Present	Present
8	2160613	K.B.TEJESH	Present	Present
9	2160614	KRISHNADEEP	Present	Present
10	2160615	NAGARAJ S	Present	Present
11	2160616	NANDHAKISHORE K	Present	Present
12	2160618	P SAI DEVA HARSHA	Present	Present
13	2160619	P T PRANAV RAM	Present	Present
14	2160620	RITHIK V S ab	Present	Present
15	2160621	SANU SAM MATHEW	Present	Present
16	2160622	SREEDHAR RAJESH ab	Present	Present
17	2160623	ANGELA ANN THOMAS	Present	Present
18	2160624	BASHABOYINA ADITI	Present	Present
19	2160625	DANUJASRI M	Present	Present

20	2160626	DHATHRI V	Present	Present
21	2160627	K SIVANI	Present	Present
22	2160628	MALAVIKA V ab	Present	Present
23	2160630	IRENE KIDANGEN JOSEPH	Present	Present
24	2160631	CHEKURI T S S P VIJAYA RAMA RAJU	Present	Present
25	2160632	JERRELL SHARON C ab	Present	Present
26	2160633	RACHAMADUGU RUSHIKESH	Present	Present
27	2160635	VISHESH JAIN ab	Present	Present
28	2160638	DHRUV TRIVEDI	Present	Present
29	2160639	S VARUN BALAJI	Present	Present
30	2160640	KEVIN K GEORGE	Present	Present
31	2160641	BATHULA SREEMANTH REDDY ab	Present	Present
32	2160642	MELBIN MANOJ	Present	Present
33	2160644	KAMIREDDY GARI SAI DARAHAS REDDY	Present	Present
34	2160645	VUNDELA DHEERAJ REDDY ab	Present	Present
35	2160646	KOTAPATI YADIDIAH ab	Present	Present
36	2160647	INAVELLI SRI DURGA SHANKARA VENKATA UJWAL ab	Present	Present
37	2160649	MARTIN SUNDER RAJ	Present	Present
38	2160650	MALLISETTY PRADITHA	Present	Present
39	2160651	KANCHARLA AKHIL	Present	Present
40	2160652	PRANATHI P	Present	Present
41	2160653	V.CHINNA HUSSENAIAH	Present	Present
42	2160654	ASWIN K Sab	Present	Present

43	2160655	SHEHAN S KURIAN	Present	Present
44	2160657	ANIKET PRASAD	Present	Present
45	2160658	FELCY RAKKSHANA P J	Present	Present
46	2160660	SUMANA SREE T	Present	Present
47	2160661	JITENDRA R	Present	Present
48	2160662	SAHIL KUMARab	Present	Present
49	2160663	SREEJA GHOSH ab	Present	Present
50	2161435	MRIGAKSHI KASHYAP ab	Present	Present
51	2162611	RAKSHITH D	Present	Present

ELCS

S. No	Register Number	Name of the Student	Attendance 1	Attendance 2
1	2162602	ALOUR JERIN JOSEPH	Present	Present
2	2162604	ARUN MATHEW	Present	Present
3	2162605	DON JOMON	Present	Present
4	2162606	JENSO JOSE	Present	Present
5	2162607	JOSEPH K SIMSON	Present	Present
6	2162608	KAUSHAL SANJAY KULKARNI	Present	Present
7	2162610	P SAMUELRAJ	Present	Present
8	2162612	SHREYAS PRIYATAM SAHOO	Present	Present
9	2162613	SOMBIT BANERJEE	Present	Present
10	2162614	T SAM FERGIN	Present	Present
11	2162615	THOMAS VARGHESE	Present	Present
12	2162616	ALEETA TIMOTHY	Present	Present
13	2162617	DURKA KYNDIAH	Present	Present
14	2162618	HIRANYA ARORA	Present	Present
15	2162619	RHEA JOSEPH	Present	Present
16	2162620	TARA ANDREWS	Present	Present
17	2162621	THIRUSHA T K	Present	Present
18	2162622	TIASHA PARIAL	Present	Present
19	2162623	TISHA GAUR	Present	Present
20	2162625	LIKHITHAA B R	Present	Present
21	2162626	PUNYA GK	Present	Present
22	2162627	AMAN VEER SINGH	Present	Present

23	2162628	ANSHUL M S	Present	Present
24	2162630	AYUSH BHATTACHARYYA	Present	Present
25	2162632	JACOB ANSO	Present	Present
26	2162633	MUHAMMED SHIBILI MV	Present	Present
27	2162637	MUDDASU SHINY JOYCE	Present	Present
28	2162638	ANKITA SINHA	Present	Present
29	2162639	ADITI MISHRA	Present	Present
30	2162640	CHAITHANYA B V	Present	Present
31	2162641	NIKITA SINHA	Present	Present
32	2162642	SHAMRUTHA V	Present	Present
33	2162643	ADITHYAN. T	Present	Present
34	2162644	YACHA HARSHINI	Present	Present
35	2162646	ALAN PRINCE VADAKKAN	Present	Present
36	2162647	PARUVU DEVI PRIYA	Present	Present
37	2162648	AZEEM ALI A	Present	Present
38	2162649	DHEERAJ.S	Present	Present
39	2162650	LALITH LOCHAN K	Present	Present

Faculty 1: Dr. Sujatha.S, Ms. Priyanka Biswas

Faculty 2: Dr. Jesuwanth Sugesh , Mr. Senthilnathan. S.