



# AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

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Accredited By NBA (BE : CV, CSE, ECE, ISE & ME)

Date: 3. 05.2024

To,

The Principal  
AJIET, Mangalore

From,

Dr. Suman Kundapura  
HOD, Civil Engineering  
AJIET, Mangalore

Subject: **Permission for Conducting Survey Camp**

Respected sir,

This letter is to request your permission to take the students of Civil Engineering for **Conducting Survey Camp** at Karkala Durga Village from on 13<sup>th</sup> to 18<sup>th</sup> May 2024.

We request you to grant the permission for the Visit.

Faculty Accompanying:

1. Mrs. Babitha
2. Mr. Nitesh

*Nitesh*

Coordinator

(Mr. Nitesh, Dept of Civil Engg)

*Suman.k*

HOD

H.O.D.-Civil Engineering

A.J. Institute of Engineering & Technology  
Mangaluru - 575 006, D.K., Karnataka

PRINCIPAL  
Principal

A.J. Institute of Engineering & Technology  
Mangaluru - 575 006

email: dean@ajiet.edu.in

*Permit to conduct the  
Survey Camp at  
Karkala Durga village.*



# AJ INSTITUTE OF ENGINEERING & TECHNOLOGY

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## DEPARTMENT OF CIVIL ENGINEERING

### EXTENSIVE SURVEY PROJECT 2023 – 24

An Extensive Survey training for VI semester Civil Engineering students, involving investigation and design of the projects listed below will be conducted from 13/05/2024 to 18/05/2024.

Place/Location of Extensive Survey Camp	Karkala Durga Village
Camp Duration	13/05/2024 to 18/05/2024
Reporting Day and Technical Instruction class at Civil Engineering Department, AJIET	13 <sup>th</sup> May 2024 at 9.00 am
Departure to camp site from AJIET	13 <sup>th</sup> May 2024 at 9.15 am

### SURVEY PROJECT WORKING TIMETABLE

DATE	SURVEYING ACTIVITY			
13-05-2023	Field Reconnaissance Survey & Fly back Levelling, WSS FOR B1 & B2			
	OTP	NTP	HP	TP
14-05-2024	B2	B1	----	---
15-05-2024	B1	B2	---	---
16-05-2024	---	---	B2	B1
17-05-2024	---	---	B1	B2
18-05-2024	Pack up and back to college			

*Suman K*

HOD

H.O.D.-Civil Engineering

A.J. Institute of Engineering & Technology  
Mangaluru - 575 006, D.K., Karnataka

*[Signature]*  
PRINCIPAL

Principal

A.J. Institute of Engineering & Technology  
Mangaluru - 575 006



**SURVEY PROJECT & STAFF IN-CHARGES**

As per the 6<sup>th</sup> semester curriculum the survey cam project scheduled on 13-05-2024 to 18-05-2024 at Durga village Karkala taluk, the following duties as been allotted for staff member

Date	Day	Night
13-03-2024	PROF. VINOD D'SOUZA	PROF. VINOD D'SOUZA
	POOJA D	POOJA D
14-03-2024	PROF. VINOD D'SOUZA	DR. AMARNATH SHETTY
	POOJA D	SANGEETHA D M
	SANGEETHA D M	
	DR. AMARNATH SHETTY	
15-03-2024	DR. AMARNATH SHETTY	
	DR. SANGEETHA D M	DEEKSHA ANAND
	DEEKSHA ANAND	
16-03-2024	NIKHIL N	BABITHA B
	DEEKSHA ANAND	SAKETH SHETTY
	BABITHA B	
	SAKETH SHETTY	
17-03-2024	SAKETH SHETTY	BABITHA B
	BABITHA B	
18-03-2024	NITESH	

**Note:** Camp officer Nitesh, Instructor Shruthi and Nagapraasad, Attender Chethan will stay all the days' day and night

*Suman K*

**HOD**

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*N*  
Principal  
A.J. Institute of Engineering & Technology  
Mangaluru - 575 006



Project Details

SL. NO	DATE	SURVEY PROJECT	STAFF IN-CHARGES	INSTRUCTOR
01	13.-05-2024	WSS	PROF. VINOD D'SOUZA	SHRUTHI NAGAPRASAD
			POOJA D	
			MR. NITESH	
02	14-05-2024	NTP	DR. AMARNATH SHETTY	SHRUTHI NAGAPRASAD
			POOJA D	
			SANGEETHA D M	
03	15-05-2024	OTP	DR. AMARNATH SHETTY	SHRUTHI NAGAPRASAD
			DR. SANGEETHA D M	
			NITESH	
			DEEKSHA ANAND	
04	16-05-2024	H P	NITESH	SHRUTHI NAGAPRASAD
			DEEKSHA ANAND	
			BABITHA B	
			SAKETH SHETTY	
05	17-05-2024	TP	SAKETH SHETTY	SHRUTHI NAGAPRASAD
			BABITHA B	

*Suman K*

HOD

*N*  
Principal  
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H.O.D.-Civil Engineering  
A.J. Institute of Engineering & Technology  
Mangaluru - 575 006, D.K., Karnataka

Date: 22-05-2024

**Report on "EXTENSIVE SURVEY CAMP"**

Name of the Program:	<b>EXTENSIVE SURVEY CAMP</b>	Program Dates & Timings:	13-05-2024 to 18-05-2024			
Name & Details of the Resource Person:	Nil					
Organized by (Clubs/ Dept.)	Civil Engineering	In Association with (clubs)	Nil			
Number of Participants	38	Students	29	Staff	9	
Program Outcome (PO) Mapping	PO5,PO6,PO7					
Coordinator	Mr. Nitesh, Assistant Professor, Department of Civil Engg					

**About the Program:**

A J Institute of Engineering & Technology conducted their 5<sup>th</sup> Survey Camp for B.E 3<sup>rd</sup> year students of Civil Engineering successfully from 13<sup>th</sup> May 2024 to 18<sup>th</sup> May 2024 at Durga village, Karkala taluk.

This camp was aimed to groom civil engineering students with essential knowledge and exposure to the real work, and to encourage leadership and teamwork skills. This survey camp resulted in encouraging and supporting students, emerging as leaders in several areas of academic provision.

The 6 days camp was divided into various surveying exercises- Fly levelling, compass surveying, Levelling and plane table surveying and Contouring. In the

camp all the students of Civil Engineering Department learnt all the technical aspect which is required in Surveying. Most of the projects conducted by using Total Stations.

Students have conducted various survey practical projects which is taught as theory in classroom. Which included old tank project, new tank project, highway alignment project, town planning project and water supply project.

Department is thankful to management for their approval and guidance in conducting this camp successfully and to the active participation of students during the camp

**Objectives:** The program Extensive Survey Camp enable students to

1. Understand the practical applications of Surveying.
2. Use Total station and other Measurement Equipment's.
3. Work in teams and learn time management, communication and presentation skills

**Outcomes:** On successful completion of program of this lecture/ technical talk/workshop the student should able to:

1. Apply Surveying knowledge and tools effectively for the projects
2. Understanding Task environment, Goals, responsibilities, Task focus, working in Teams towards common goals, Organizational performance expectations, technical and behavioural competencies.
3. Application of individual effectiveness skills in team and organizational context, goal setting, time management, communication and presentation skills.
4. Professional etiquettes at workplace, meeting and general
5. Establishing trust based relationships in teams & organizational environment
6. Orientation towards conflicts in team and organizational environment, Understanding sources of conflicts, Conflict resolution styles and techniques

## **Workshop Details:**

### **Day 1 (13<sup>th</sup> May 2024): Water Supply Project**

Students were assigned to plan the water conveyance system from Durga (source) includes intake structures, treatment units, Over Head Tank, Laterals and also Sewage Treatment Plant for DurgaVillage and based on present and Future population forecasting method

### **Day 2 (14<sup>th</sup> MAY 2024): HIGWAY PROJECT**

A road is an identifiable route, way or path between two or more places. Roads are typically smoothed, paved, or otherwise prepared to allow easy travel; though they need not be, and historically many roads were simply recognizable routes without any formal construction or maintenance. Students were assigned to plan a new road alignment for a stretch of 1.2 km connecting Durga Village.

### **Day 3 (15<sup>th</sup> MAY 2024): NEW TANK PROJECT**

The main object of the new tank is to construct an earthen dam across the stream for the purpose of irrigation. Since the land to be irrigated is very small and population of the town is very less, it is not necessary to construct a major work but it is sufficient to provide minor tank project.

### **Day 4 (16<sup>th</sup> MAY 2024) : OLD TANK PROJECT**

Tanks are very small storage reservoir created on the upstream of a small earthen dam, construction across the stream. Restoration of old tanking is necessary to improve the capacity of the tank which is reduced by silting and also to improve the conditions of the bund

### **Day 5 (17<sup>th</sup> MAY 2024) : TOWN PLANNING PROJECT**

Town planning is a technical and political process concerned with the development and use of land, planning permission, protection and use of the environment, public welfare, and the design of the urban environment, including

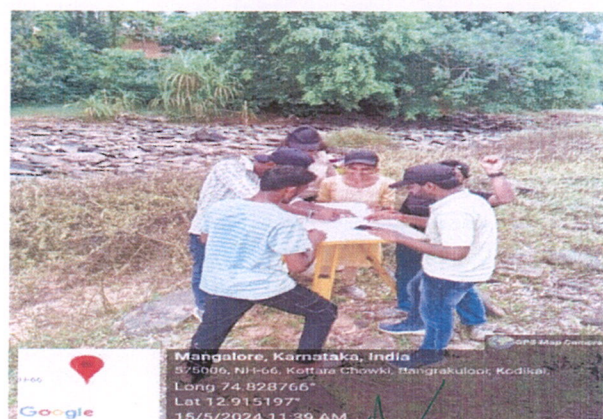
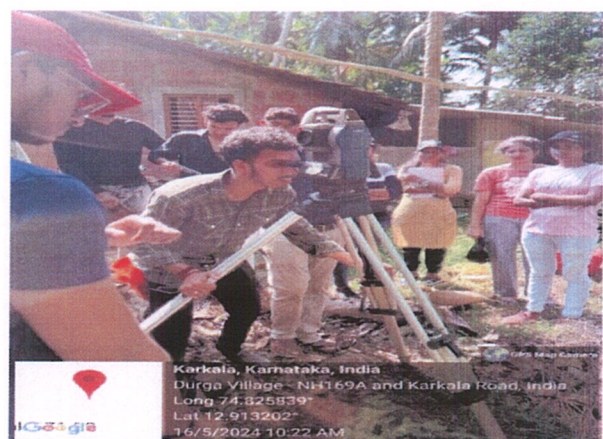
## Day 5 (17<sup>th</sup> MAY 2024) : TOWN PLANNING PROJECT

Town planning is a technical and political process concerned with the development and use of land, planning permission, protection and use of the environment, public welfare, and the design of the urban environment, including air, water, and the infrastructure passing into and out of urban areas, such as transportation, communications, and distribution networks.

### Articulation Matrix:

Course Outcomes	Program Outcomes											
	1	2	3	4	5	6	7	8	9	10	11	12
1						1	1					
2					1	3	1					
3					1		1					
4					1	3	1					
5					1		1					
Average					3	3	1					

### Photos:



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Sl no	Timestamp	Email	Name of the student	USN	The Survey camp organization was	The site accessibility for survey was	Explanation by the faculty on each project taken during the time of survey camp was	The instructor encouraged and responded to questions was	Over all survey camp experience
1	6/12/2024 12:00:07	salomnocca8@gmail.com	Noca Mumbai Salomon	4JK21cv026	Very Good	good	Excellent	Very good	good
2	6/12/2024 12:00:18	nubul809@gmail.com	MT Mohammed Nubul	4JK21CV021	Very Good	Very good	Excellent	Very good	good
3	6/12/2024 12:03:26	deepagk970@gmail.com	Deepa Gowdappa Karigara	4JK21cv008	Excellent	Excellent	Excellent	Excellent	Excellent
4	6/12/2024 12:07:03	mynabe16@gmail.com	MU SAKTHI MAAGENDHIRAN	4JK22CV404	Excellent	Excellent	Excellent	Excellent	Excellent
5	6/12/2024 13:04:50	Shivvignesh07@gmail.com	Shiv vignesh	4JK22CV404	Excellent	Excellent	Excellent	Excellent	Excellent
6	6/12/2024 13:05:42	Chaitrakavali16@gmail.com	Chaitra v	4JK21CV006	Excellent	Excellent	Excellent	Excellent	Excellent
7	6/12/2024 13:05:47	harshithakavali345@gmail.com	Harshitha	4JK21CV012	Excellent	Excellent	Excellent	Excellent	Excellent
8	6/12/2024 13:07:55	bhavanigbhanu77@gmail.com	bhavanig b	4JK21cv005	Excellent	Excellent	Excellent	Excellent	Excellent
9	6/12/2024 13:09:40	namithipogarysuvarma@gmail.com	Namith	4JK22cv401	Excellent	Excellent	Excellent	Excellent	Excellent
10	6/12/2024 13:23:15	ssudeer785@gmail.com	SUDEEPA S R	4JK21CV035	Excellent	Very good	Very good	Very good	Excellent
11	6/12/2024 13:24:15	sujiithkhabbi123@gmail.com	K S Sujith	4JK21CV016	Very Good	Very good	Very good	Very good	Very good
12	6/12/2024 13:36:39	ahnaa8717@gmail.com	AHNA A	4JK21CV002	Excellent	Excellent	Excellent	Excellent	Excellent
13	6/12/2024 13:38:00	karthikrajes1090@gmail.com	Karthik Rajesh	4JK21cv018	Excellent	Excellent	Excellent	Excellent	Excellent
14	6/12/2024 16:20:41	nishanthpannu@gmail.com	nishanth R	4JK22CV403	Excellent	Excellent	Excellent	Excellent	Excellent
15	6/12/2024 16:20:57	karthikkarker85@gmail.com	KARTHIK H	4JK21CV017	Excellent	Excellent	Excellent	Excellent	Excellent
16	6/12/2024 16:20:57	rahuikenger26@gmail.com	RAHUL	4JK21CV027	Excellent	Very good	Very good	Very good	Very good
17	6/12/2024 16:21:02	darshanr102003@gmail.com	Darshan R	4JK21CV007	Excellent	Excellent	Excellent	Excellent	Excellent
18	6/12/2024 16:21:31	Zainabih05@gmail.com	Sahnanur farish	4JK21cv030	Excellent	Excellent	Excellent	Excellent	Excellent
19	6/12/2024 16:21:35	rajdeep330@gmail.com	Dileep Raj	4JK21cv010	Excellent	Very good	Excellent	Excellent	Excellent
20	6/12/2024 16:21:48	nandagowda56@gmail.com	Nandakumar P S	4JK22CV402	Excellent	Excellent	Excellent	Excellent	Excellent
21	6/12/2024 16:21:51	Kushars82@gmail.com	Kushar	4JK21cv019	Excellent	Excellent	Excellent	Excellent	Excellent
22	6/12/2024 16:21:57	aparamponnus2020@gmail.com	APARNA VINOD	4JK21CV004	Excellent	Excellent	Excellent	Excellent	Excellent
23	6/12/2024 16:22:10	rohanshetly212@gmail.com	Rohan E shetly	4JK21cv029	Excellent	Excellent	Excellent	Excellent	Excellent
24	6/12/2024 16:22:25	impanakumar9@gmail.com	IMPANNA T K	4JK22CV400	Excellent	Excellent	Excellent	Excellent	Excellent
25	6/12/2024 16:22:28	Hassanmohsin124@gmail.com	Hassan mosteen	4JK21cv013	Excellent	Excellent	Excellent	Excellent	Excellent
26	6/12/2024 16:22:35	havyasgowda2@gmail.com	Havyas k	4JK21CV014	Very Good	Very good	Very good	Very good	Excellent
27	6/12/2024 16:23:10	febin2433@gmail.com	Mohammed Febin BK	4JK21CV024	Excellent	Excellent	Excellent	Excellent	Excellent
28	6/12/2024 16:25:17	malikagnallika80@gmail.com	Malika G	4JK21CV022	Very Good	Very good	Very good	Very good	Excellent
29	6/12/2024 18:25:53	harshithanaik2467@gmail.com	Harshitha naik	4JK21cv011	Excellent	Excellent	Excellent	Excellent	Excellent

Principal

A. J. Institute of Engineering & Technology  
Mangaluru - 575 999

Sl. No.	USN	STUDENT NAME
1	4JK21CV002	AHNA A
2	4JK21CV004	APARNA VINOD
3	4JK21CV005	BHAVANI
4	4JK21CV006	CHAITRA V
5	4JK21CV007	DARSHAN R
6	4JK21CV008	DEEPA GOWDAPPA KARIGARA
7	4JK21CV010	DILEEP RAJ
8	4JK21CV011	HARSHITHA SUBRAY NAIK
9	4JK21CV012	HARSHITHA
10	4JK21CV013	HASSAN MOSHEEN
11	4JK21CV014	HAVYAS K
12	4JK21CV016	K S SUJITH
13	4JK21CV017	KARTHIK H
14	4JK21CV018	KARTHIK RAJESH
15	4JK21CV019	KUSHAR S
16	4JK21CV020	M J SAKTHI MAGENDHIRAN
17	4JK21CV021	MOHAMMED NUBUL
18	4JK21CV022	MALLIKA G
19	4JK21CV024	MOHAMMED FEBIN
20	4JK21CV026	NOCA MUMBA SALOMAN
21	4JK21CV027	RAHUL
22	4JK21CV029	ROHAN E SHETTY
23	4JK21CV030	SALMAN UL FARISH
24	4JK21CV035	SUDEEPA S R
25	4JK22CV400	IMPANA T K
26	4JK22CV401	NAMITH
27	4JK22CV402	NANDAKUMAR P S
28	4JK22CV403	NISHANTH R
29	4JK22CV404	SHIV VIGNESH

*Suvarna*