



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE,
New Delhi. Recognized by Government of Karnataka.

Accredited with A+ by NAAC & NBA (ECE & CSE)

Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail

e-Yantra Lab

Alva's Institute of Engineering and Technology, Moodbidri



Report on
A Visit to
Centre for System Design
National Institute of Technology, Karnataka
Surathkal – 575025.

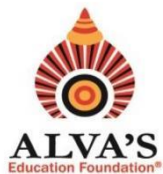
March - 2023

A blue ink signature, appearing to be "Cee", written in a cursive style.

Co-ordinator

A green ink signature, appearing to be "S. J.", written in a cursive style.
A purple rectangular stamp containing the text: "PRINCIPAL", "Alva's Institute of Engg. & Technology", and "Moodbidri - 574 215, DK".

Principal



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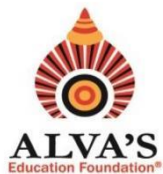
A blue ink signature of the Co-ordinator, consisting of stylized cursive letters.

Co-ordinator

A green ink signature of the Principal, consisting of stylized cursive letters.

PRINCIPAL
Alva's Institute of Engg. & Technology,
MIJAR, MOODBIDRI - 574 225, D.K.

Principal



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Report on

A Visit to

Centre for System Design, National Institute of Technology-Karnataka Surathkal

Objectives:

A visit to a reputed premier technical institute of national importance enhance the practical knowledge of students to empower the recent developments in the core field and also provide with a fair idea of the work environment at the research institute.

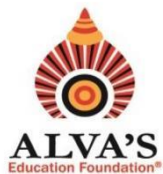
Event Proceedings:

A visit was planned for the few student members of e-Yantra Lab to Centre for System Design, National Institute of Technology, Karnataka, Surathkal on 22nd March 2023. The institute visit started from the college campus at 7.30AM and was accompanied by Co-ordinator Mr. Udaya Kumar.S of Electronics & Communication Engineering Department. The Head of the Centre Dr. K.V Gangadharan briefed the history of the centre and explained the various activities at the centre. Later, the student members were explained by Project Assistants (i) Nitin Manoharan (ii) Shashank Shetty & (iii) Prashanth Kumar about the following.

- (i) Control System Lab
- (ii) Aviation Lab
- (iii) Robotics Lab
- (iv) Virtual Lab.

Later the students visited various sections of the centre. A total of 3 students of various branches were part of this program.

Number of students visited: 03



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Number of faculty visited: 01

Name of the Organization: National Institute of Technology-Karnataka, Surathkal

Contacted Persons:

(i) Dr. K.V Gangadharan, Professor, Department of Mechanical Engg, NITK Surathkal.

Research Assistants:

(i) Nitin Manoharan

(ii) Shashank Shetty

(iii) Prashanth Kumar

Outcomes:

At the end of the visit the student members were able to:-

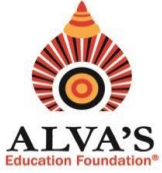
- Understand the concepts of Virtual Lab and usage of it in various fields of engineering.
- Understand the programming concepts of Robotics for line control.

Date: 22-03-2023.

Co-ordinator

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Principal



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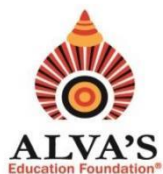
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Annexure



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Internal Quality Assurance Cell (IQAC)

e-Yantra Lab

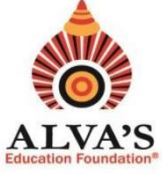
NITK Surathkal: Visit Details

Sl.No	Organization Details	Contact person	Date	No. of days	No.of Students
01	National Institute of Technology-Karnataka, Surathkal.	Dr. Gangadharan K.V Professor, Dept of Mechanical Engg Centre for System Design NITK, Surathkal. Mobile: 9448478752	22/03/2023	01	03

Coordinator

PRINCIPAL
Alva's Institute of Engg. & Technology
MIJAR, MOODBIDRI - 574 225, D.K.

IQAC Chairman



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e-Yantra Lab

To,
20/03/2023

Date:

IQAC Chairman
AIET, Mijar
Moodbidri.

Respected Sir

Sub: To grant permission for visit to National Institute of Technology -
Karnataka,

Surathkal - reg.

We are happy to inform you that the student members of e-Yantra Lab planning to visit 'Centre for System Design, National Institute of Technology - Karnataka, Surathkal on 22/03/2023. The details are mentioned below. We kindly request you to do the needful.

Details of Visit:

Organization: National Institute of Technology - Karnataka, Surathkal

Contact Person: Dr.Gangadharan K.V

Date: 22/03/2023

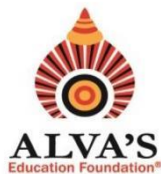
Number of students visiting: 03

Number of faculty accompanying: 01

Co-ordinator

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Yantra Lab

Feedback Form – NITK Surathkal Visit

Name of the Student : Kiran Koushik

USN : 4AL21EC114

Semester : 3rd Sem

Date of Visit : 22/03/2023

Name of the Organization: National Institute of Technology-Karnataka,
Surathkal

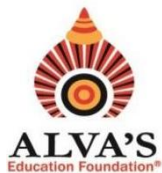
Directions : For each item, please indicate your level of satisfaction by ticking the following criteria by choosing a score between 1 and 5. [Excellent – 5, Very Good – 4, Good – 3, Average – 2, Below Average – 1]

Sl.No	Criteria	5	4	3	2	1
1	The visit was technologically oriented		✓			
2	The program was applicable to my future needs		✓			
3	The resource persons were good			✓		
4	The centre was presented in an organized manner		✓			
5	I would be interested in attending such visits in future	✓				

Any other suggestions:

Acquired good knowledge.

Signature



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Date: 10-04-2023

e-Yantra Club (March 2023)

The Co-ordinator and 3 student members of the club visited '**Centre for System Design**', **National Institute of Technology, Surathkal** on 22nd March, 2023 and had discussion with **Dr. Gangadharan**, Head of the Centre for about 1 hour. In this, we discussed the various aspects of Controls, Aviation, Robotics & Virtual Lab which will help our students in their project work.

Members visited the Centre are,

- (1) Udaya Kumar. S (e-Yantra Co-ordinator)
- (2) Shubhanga (3rd Sem CSE)
- (3) Kiran Kashyap (3rd Sem, ECE)
- (4) Karthik (1st Sem ECE)

Other than this no other activities.

Co-ordinator

(Udaya Kumar. S)

Principal