



# Pune District Education Association's COLLEGE OF ENGINEERING

Manjari (BK.), Pune - 412 307 (Maharashtra) India

Ph. No. 020 26996625 Fax. No. 020 26996275 E-mail: coem@pdeapune.org Web: www.pdeacoem.org

Approved by AICTE, New Delhi No. 740/89-316 L/E T/98 I A/S H.E. Code No. C-41924

Affiliated to Savitribai Phule Pune University, Pune I DTE Code - 0206 I Pune Uni Code - 4026 (Enng), 1223(MBA)

\* NAAC Accredited \*



Date: 21/10/2023

Ref. No. : Coem/Mech/2023-24/

**Hon. Ajit Pawar**  
President

**Rajendra Ghadge**  
Vice President

**Sandeep Kadam**

Jr. Secretary  
Private Member  
Savitribai Phule Pune University  
Pune.

**Adv. Mohanrao Deshmukh**  
Treasurer

**L. M. Pawar**  
Dy. Secretary

**Dr. R. V. Patil**  
Principal

To,  
Dr. Dilip Mane,  
The Managing Director,  
Noble Hospital, Magarpatta City Road  
Hadapsar Pune - 411013

Subject - Permission for Industrial study visit of BE Mechanical students.

Respected Sir / Madam,  
PDEA's College of Engineering, Manjari (Bk), is a very well-known, AICTE approved and NAAC Accredited college in Manjari, Hadapsar, Pune area. We facilitate Engineering studies in Mechanical, Computer, IT, Instrumentation, Electronics & Telecommunication Engineering Branches.

We would like to arrange study tour for the same in Noble Hospital to give brief experience and knowledge to our final year students in the subject "**Heating, Ventilation, Air conditioning and Refrigeration**" as per curriculum by 'Savitribai Phule Pune University Pune'. The Purpose of visit is to give practical exposure and share knowledge about domain subject and prepare visit report as part of their curriculum.

We request to allow and show us the following setups:

1. Refrigeration plant
2. Air Conditioning Plant

We will be highly obliged if you can consider our kind request for the visit which will help to upgrade the student's knowledge in depth in the **Heating, Ventilation, Air conditioning and Refrigeration** subject.

There will be approx. 20 students assisted with departmental staff. Tentative planning is in **Fourth week of October 2023 (23<sup>rd</sup> to 28<sup>th</sup> Oct).**

Subject Teacher

Prof. A.W. Pavale.  
Asst. Prof. Mech Dept.  
(Mob.No.7720073227)

HOD

Dr. S. A. Patil  
Mech. Engg. Dept  
(Mob.No.9860667477)

Principal

Dr. R. V. Patil  
Principal

Pune District Education Association's  
College of Engineering, Manjari (Bk.),  
Pune - 412307.

Received  
from  
23/10/23





Pune District Education Association's  
**COLLEGE OF ENGINEERING**

Manjari (Bk), Pune 412307

ATTENDANCE SHEET

Department: Mechanical Engineering.

Event / Activity: Industrial visit (Nobel Hospital Hadapsar)

Date: 31/10/2023

SR. NO.	NAME	CLASS	SIGN
1	Verbage Siddhes hwar s	MEBE	Vidale
2	Jay nagpure	MEBE	Jay
3	Sayaleep Vishwakrama	MEBE	Sav
4	Kumale Anand	MEBE	A. J.
5	Nikhil Bhosale	S.E. Mech	P. Bhosale
6	Koli Pavan	S.E. Mech	P. Koli
7	Yamkesh. D. Revadkar	S.E. Mech	Yamkesh. D.
8	Ninad. S. Khasit	S.E. Mech	Ninad
9	Abid Hossain Bhat	Mech BE	Abid
10	Ganesh Amol Bhanage	MEBE	G. Bhanage
11	Prayash B. Kumbhar	MEBE	P. Kumbhar
12	Mali Sudhir Shivaji	BE Mech	M. Shivaji
13	Jay Anand Bhosale	BE Mech	J.A. Bhosale
14	Aditi Bhausaheb Pawar	BE mech	A. Pawar
15	Akshay Ganesh more	BE mech	A. More
16	chetan Ravindra Sabale	BE-mech	C. Sabale
17	Ashraf Asif Sayyed	Bimech	A. A. Sayyed

P. S. Pawar





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Joint Member  
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2	Jay nagpure	ME BE	[Signature]
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6	Koli Pavan	S.E. Mech	[Signature]
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8	Ninad. S. Khasat	S.E. Mech	[Signature]
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10	Ganesh Amol Bhanage	ME BE	[Signature]
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12	Mali Sudhir Shivaji	BE Mech	[Signature]
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16	chetan Ravindra Sabale	BE-mech	[Signature]
17	Ashraf Asif Sayyed	BE mech	A.A.S





Pune District Education Association's  
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(Approved by A.I.C.T.E New Delhi, Affiliated to Pune University, Pune.)  
Manjari Bk", Tal.- Havell,  
Dist.-Pune-412307 Ph.020-26996275



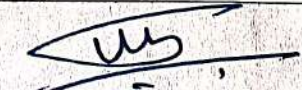
## ACTIVITY REPORT

### "URSC-ISRO BENGALURU EDUCATIONAL VISIT"

<b>Title of Activity</b>	Industrial Visit of students of PDEA's College of Engineering, Manjari Bk., Pune at U.R.Rao Satellite Centre ISRO, Bengaluru
<b>Venue</b>	U.R. Rao Satellite Centre ISRO, Bengaluru
<b>Date</b>	10th March to 13th March 2024
<b>Participant</b>	Students from TE & BE Computer Department
<b>Visit Coordinator</b>	Prof. N. V. Gawali Prof. S. V. Shinde Prof. S. G. Jadhav
<b>Purpose.</b>	The visit aimed to gain insight into space technology and research conducted at URSC ISRO.

#### Schedule:

Date	Time	Place To Visit
10/03/2024	12:30 am	Pune Railway Station
10/03/2024	5:00 pm	On Arrival to Bengaluru
	6:30 pm	Check Into the Hotel for getting Fresh and Dinner at the Hotel later.
11/03/2024	9:30 am	Breakfast / Lunch
11/03/2024	12:15 pm	Industrial Visit To ISRO ( Reach To the Centre prior to the given time which is 2:00 pm )
	5:00 pm	ISKCON Temple ,and more local sightseeing and visit.
	8:30-9:00 pm	Dinner at hotel.
12/03/2024	7:30 am	Breakfast and Checkout
	10:30 am – 4:30 pm	Mysore Palace, Saint Philomina Church and other local sighting.
	7:00 pm	Back To Bengaluru Railway Station
	8:00 pm	Start Journey back to Pune
13/03/2024	4:00 pm	Pune Railway Station

  
H.O.D.



Permission Letter of ISRO

U. R. RAO SATELLITE CENTRE  
BANGALORE

Malathy, S  
Head, Library, Documentation & Outreach Division  
Multimedia Infrastructure, Documentation & Outreach Group (MIDOG)

U. R. Rao Satellite Centre, Bangalore

18 January 2024

To,  
Dr. R. V. Patil  
The Principal  
Pune District Education Association's  
College of Engineering, Manjari (B.K.),  
Pune - 412 307  
(Maharashtra)

Sir / Madam,

Sub Permission to visit U R Rao Satellite Centre - Reg.

We are in receipt of your email letter dated Jan 16, 2024 requesting permission to visit URSC. Accordingly, you are permitted to visit on the following date and time

11-03-2024

02:00 PM to 03:00 PM

Please provide details of your team members and faculty members along with an authorization letter from Head of the department restricted to 60 members per batch only subject to the following conditions

Your team may report to URSC Reception Counter of Centre 15 minutes in advance in order to complete the administrative formalities for issuing entry passes

1. You are requested to strictly adhere to the time schedule mentioned above.
2. In case of any exigencies, we may cancel the above visit without any intimation.
3. Carrying Camera and taking photography inside this Centre is strictly prohibited.
4. Mobile phones and electronic gadgets are not allowed to be taken inside.
5. The visitors should declare items to be carried if any and seek permission while entering this Center to the security personnel for checking.
6. No foreign nationals are allowed.
7. No Family members will be allowed inside this centre.
8. After the visit Acknowledgement letter will not be issued from the Organization
9. Faculty accompanying students should carry School/College/Government ID cards.

Please note, all Students/Faculty shall strictly follow Covid Appropriate Behavior inside URSC Premises, including Wearing of Face Mask. Entry is not permitted without mask.

Please note that our office is located on Old HAL Airport Road, Bangalore-560 017 next to National Aerospace Laboratories (NAL). You can contact our Reception on 080-25084469 & 25084470

The professor accompanying the Students may kindly contact the Reception Counter of this Centre to complete the administrative formalities and for issue of Entry pass in time. Kindly acknowledge the receipt of this letter

Yours faithfully

*Malathy S*

(Malathy S)

Copy to: Administrative Officer (PRO), U. R. Rao Satellite Centre, Bangalore

Note: Route Map is attached herewith



# Visit Photographs



GPS Map Camera



Bengaluru, Karnataka, India  
XM63+MHM, Kodihalli, Bengaluru, Karnataka 560075, India  
Lat 12.961555°  
Long 77.654255°  
11/03/24 04:18 PM GMT +05:30



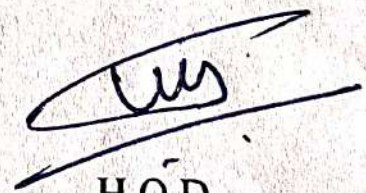


## Testimonial: A Transformative Experience at URSC ISRO Bengaluru

During this industrial visit to URSC ISRO, Bengaluru, we were provided with a comprehensive insight into the intricate processes involved in satellite construction and other space technologies. We had the privilege of attending presentations and exhibitions conducted by the ISRO team, where we had the opportunity to observe models of renowned satellites such as Chandrayaan-2, Aditya-L1, Rohini and many more. Additionally, our tour included visits to various labs where satellites and rovers are assembled, providing us with firsthand exposure to the innovative work being done. We also witnessed live satellite tracking demonstrations, enhancing our understanding of real-time applications. Beyond the technical aspect, we explored the cultural richness of Bengaluru, visiting landmarks like Mysuru Palace, Lalbagh Garden, and ISKCON Temple. Overall, the industrial visit proved to be immensely informative and engaging, leaving us with valuable insights into space technology and a memorable experience of Bengaluru's heritage.



IV Co-ordinator  
Prof.N.V.Gawali



H.O.D.  
Dr.M.P.Borawake

Head of Computer Engg. Dept.  
P.D.E.A.'s College of Engineering,  
Manjari (Bk.), Pune- 412307.





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Senate Member,  
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Pune.

**Adv. Mohanrao Deshmukh**  
Treasurer

**L. M. Pawar**  
Dy. Secretary

**Dr. R. V. Patil**  
Principal

Ref: Coem/Estb/2023-24/

Date : 08/03/2024

To,

**Subject : Regarding Staff & Student List for Visit to U R Rao  
Satellite Center**

Respected sir,

We are submitting here with the students and staff details as follows -

**Students List For Educational Trip to ISRO , Bengaluru.**

Sr.no.	Name as per Aadhar Card	Aadhar Card no.
1	Aditya Atul Kulkarni	244120938670
2	Abhishek Dhanaji Patil	896014978569
3	Abhishek Sadashiv Katala	7714 1991 0773
4	Aditya AjitDhas	745105494920
5	Aditya Sanjay Unde	679390092214
6	Aman Iqbal Khan	849425835148
7	Aniket Arvind Jujgar	402078222238
8	Anujay Machhindra Kalbhor	896223398040
9	Anurag Bibave	900675441310
10	Atharva Anil Gurav	525591453237
11	Atharva Sanjay Tashildar	407271705362
12	Ayush Arun Jogi	723689874936
13	Bankar Om Babasaheb	906199016859
14	Darshan Sanjay Chatur	248986212274
15	Girish Satish Kumbhar	476036245884
16	Jishan Sattar Tamboli	563176723889
17	Kalpesh Rajan Margaj	620336387644
18	Om Jayant Dhanve	779314847969
19	Omkar Santosh Bomble	962653058483
20	Prabal Prashant Gade	8168 8280 2491
21	Pradnyesh Ramesh Nikam	718648035016
22	Prasad Pradip Shimpi	451563427372
23	Rohit Santosh Dhumal	991728464869

P.T.O.



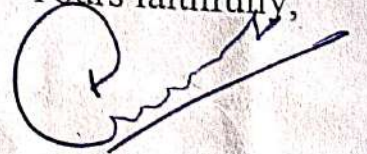
Sr.no.	Name as per Aadhar Card	Aadhar Card no.
24	Sandesh Sambhaji Humbad	831342392237
25	Sarthak Mahajan	650820955180
26	Satvik Vishwas Pilane	760549789551
27	Saurabh Thakur	579770066199
28	Shreyash Shrikant Yadav	868604668970
29	Som Bharat Gharod	557565531148
30	Vipul Prakash Raut	658757548469
31	Vishwajeet Sundardas Nagwade	877390656352
32	Yuvaraj Santosh Kate	594215871681
33	Monika Santosh Aher	334134152026
34	Samrudhi Vijaykumar Bhusnikar	656510543815
35	Gayatri Subhash Khot	608605064486
36	Pooja Rajabhau Raut	434418312102
37	Prerna Prashant Lugade	544345915598
38	Priyanka Khuspe	624512719860
39	Sakshi santosh shelar	268726167068
40	Sanika Satywan Totre	633581453046
41	Sanika Sudhakar Chavan	824160175321
42	Soniya Vishal Dound	907765780763
43	Swaranjali Prakash Mule	772941232836

**Staff List For Educational Trip to ISRO , Bengaluru**

Staff List For Educational Trip to ISRO , Bengaluru.		
Sr.no.	Name as per Aadhar Card	Aadhar Card no.
1	Nayana Gawali	7615 8510 8166
2	Supriya Jadhav	8550 4945 9423
3	Sachin Vidyasagar Shinde	7990 4543 5493
4	Nivrutti Atmaram Deshmukh	2339 8294 1102

Thanking You,

Yours faithfully,



Dr.R.V. Patil

Principal

Pune District Education Association's  
College of Engineering, Manjari (Bk.),  
Pune - 412307.





one Ticket Sample

Electronic Reservation Slip (ERS)



**BLUE STAR**  
Air Travel Services (India) Pvt. Ltd.  
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Booking From  
KALYAN JN(KYN)  
Start Date 09-Mar-2024

Boarding At  
PUNE JN(PUNE)  
Departure\* 01:55 10-Mar-2024

To  
SALEM JN(SA)  
Arrival\* 11-Mar-2024 03:37

PNR 8714935317	Train No./Name 11013 / LTT CBE EXPRESS	Class AC 3 TIER (3A)
Quota GENERAL	Distance 1300 KM	Booking Date 24-Feb-2024 06:28:50 Hrs

Passenger Details:

#	Name	Age	Gender	Food Choice	Booking Status	Current Status
1	Nayana Gawali	42	F		B6/CNF	CNF / B6 / 19 / Upper
2	Supriya Jadhav	34	F		B6/CNF	CNF / B6 / 18 / Middle
3	Madhuri Borawake	49	F		B6/CNF	CNF / B6 / 17 / Lower
4	Sachin Vidyasaga	46	M		B6/CNF	CNF / B6 / 24 / Side_Upper
5	Nivrutti Atmaram	37	M		B6/CNF	CNF / B6 / 21 / Middle

Acronyms:

RLWL: REMOTE LOCATION WAITLIST

RSWL: ROAD-SIDE WAITLIST

PQWL: POOLED QUOTA WAITLIST

Transaction ID100004812503287

भारतीय रेल याता की लागत का औसतन कवल 57% वसल करती ह।  
IR recovers only 57% of cost of travel on an average.

Payment Details:

Ticket Fare:	7550.00
IRCTC Convenience Fee:	35.40
Agent Service Charge:	40.00
Travel Insurance Premium:	2.25
PG Charges:	75.52
Total Fare:	7703.17



PG Charges as applicable (Additional) (In case of Non RDS, and B2C)

IRCTC Convenience Fee & Agent Service Charges are charged per e-ticket irrespective of no. of passengers on the ticket.

\* The printed Departure and Arrival Times are liable to change. Please Check correct departure, arrival from Railway Station Enquiry or Dial 139 or SMS RAIL to 139.



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Agent Details:

Principal Agent Name: Blue Star Air Travel Services (I) Pvt Ltd.

Customer care Email: sttourrail@gmail.com

RSP Id: WBLUEST05260

RSP Address: AT POST KINHIRAJA TQ MALEGAON WASHIM Pune Maharashtra 444503

Customer care Contact: 9970868370

RSP Name:

S T TOUR PACKAGE AND CATERERS

\* Prescribed original ID proof is required while travelling along with SMS/ VRM/ ERS otherwise will be treated as without ticket and penalized as per Railway Rules.



P.D.E.A'S College of Engineering , Manjari Bk  
Department of Mechanical Engineering

**PBL 2023-24**

Group No.	Sr.No.	Name of student	Name of Project
1	1	Sanad Bhise	Mini Hacksaw powered by Beam Engine
	2	Chetana Mestri	
	3	Varsha Jadhav	
	4	Minakshi Bansode	
	5	Vaibhavi More	
2	6	Pramod Bhongale	Automatic Solar Tracking System
	7	Nikhil Bhosale	
	8	Pawan Koli	
	9	Vishaka Khore	
	10	Yomkesh Rewadkar	
3	11	Chetan Paraswar	Water level Alarm System
	12	Sonali Rathod	
	13	Mubina Shaikh	
	14	Vishnu Shinde	
4	15	Nirmal Pranav	Gyroscopic Precession
	16	Nilesh Bhidve	
	17	Vishal Ubale	
	18	Nilesh Shivarkar	
	19	Hemant Gite	
	20	Shedge Kalyan	