

	Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering & Technology, Baramati 2024-25	
	Department of Civil Engineering	
	<u>Industrial visit report</u>	

Report on Industrial / site visit to 'Baramati Airport in Baramati' on 21/09/2024

Name of Site for Visit:	Industrial / site visit to "Baramati Airport in Baramati" on 21/09/2024
Location of Site visit	Site address: Baramati Airport, Academy of Carver Aviation Pvt. Ltd.(Baramati) . Plot No. P- 50, MIDC, Near Baramati Airport, Baramati - 413133, District-Pune, Maharashtra, India.
Class and Semester	BE Civil, 2019 Pattern (Sem:VII)
No. of Participants:	44 (out of 67)
Date of Visit:	21th September 2024, Saturday
Time & duration	betn 11:00 am to 2:00 pm (3 hours)
Course (Subject)	Airport and Bridge Engineering (Elective -IV) 401004 d
Industrial visit organized under	Center of excellence 'Town and Country Planning' and in association of IIC
Industrial visit organized by	Department of Civil Engineering
Industrial visit coordinated by	Prof. D. G. Patil, Course Teacher
Link for report	https://www.vpkbiet.org/dept_Civil.php industrial visits
Objective of Visit	As a part of syllabus and to have exposure to various components of Airport like Runway, Hanger, Apron, Taxiway, Aircrafts, ATC etc and for Industrial exposure to make students employable by developing their different skills
Link for the feedback on the visit conducted	https://forms.gle/vsq5cXwH8b66eSH27



Content of report:

1. Objective of visit
2. Details of visit
3. Photographs taken during visit
4. Feedback

5. List of participants
6. Outcomes of visit
7. Details of organisations and Industries we interacted

Industrial / site visit to 'Baramati Airport in Baramati' on 21/09/2024

Introduction:

Dept of Civil Engineering of VPKBIET Baramati (<https://vpkbiet.org/>) has organised Industrial visit for better industrial exposure of Civil Engineering students to Baramati Airport on 21.09.2024. About 44 students from BE participated in it. Students studied different concept related to planning of Airports, runway configuration, location of terminal buildings, aprons and hangers, air traffic control (ATC), Aircraft characteristics, runway and taxi way width, runway profile and runway length, runway orientation, Airport capacity, Airport pavements, Airport Marking and lighting, Heliports, etc.

Details:

Prof. D. G. Patil from Civil engineering dept coordinated visit on behalf of Civil Engineering Department, in association with Centre of Excellence '**Town & Countryside planning**' of Civil Engg dept of VPKBIET Baramati, Academy of Carver Aviation Pvt. Ltd.(Baramati), Industry Institute interaction cell (IIC) of VPKBIET BARAMATI. (Ms. Jyoti Bhong and Dr. R. J. Patil)

Objective of the visit: As a part of syllabus and to have exposure to various components of Airport like Runway, Hanger, Apron, Taxiway, Aircrafts, ATC etc and for Industrial exposure to make students employable by developing their different skills

Outcome of Visit:

This visit gave students opportunity to learn and correlate different concepts of Airport Engineering from practical application point of view and as per needs of industry. Students learned from experience, guidance from industry experts. They motivated students and guided for career opportunities.

Vote of Thanks:

Thank you to 'Academy of Carver Aviation Pvt. Ltd.(Baramati) officials and team members' for kindly permitting us to learn and understand all the aspects of Airport planning and operating especially for explaining all the details of Airport and Aircrafts patiently with enthusiasm and sparing much time with students. Thank you for their kind support, guidance and sharing valuable time for our students. Er.Vikas Phadtare sir and Ms. Chhandraani Ray (Coordinator & PRO) from Carver Aviation accompanied us and explained all the components with help of their team.

It was a great experience and exposure to students. Thank you Dr. N. T. Suryawanshi sir (HOD, Civil engineering) and Hon. Principal Dr. R. S. Bichkar sir for their kind support, guidance and motivation to have Industrial Visits and such exposure to students for their learning and enriching practical knowledge.

Some photographs taken during visit:



Fig. 1, 2: Baramati Airport Terminal area and Apron, Hanger for Aircrafts

Following photos are taken during the demonstration, guidance session conducted by Carver aviation team to know about Airport and Aircrafts.



Fig. 3 to 5: Many students were observing aeroplane so closely first time.



Fig. 6 to 10: Carver aviation team guiding to students about airport and aircraft operations



Fig. 11,12: students got busy in asking different technical questions about Aircrafts and their working and planning of Airports (many questions are there in everyone's mind about aeroplane from childhood). Students were much happier to receive this opportunity to see aircrafts closely.

Feedback of Industrial visit

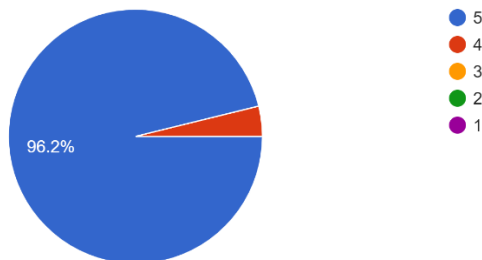
It was a great experience and exposure to students. They could see components of Airports, Aircrafts and their mechanism closely. Students got opportunity to see Airport and Aircrafts. Students got bigger motivation and knowledge from this small nearby visit. Students wished to visit more such infrastructure projects for practical knowledge and opening doors of entrepreneurship in different areas.

Feedback of visit from students:

Feedback about this industrial visit was collected from students through google form. Results are as below.

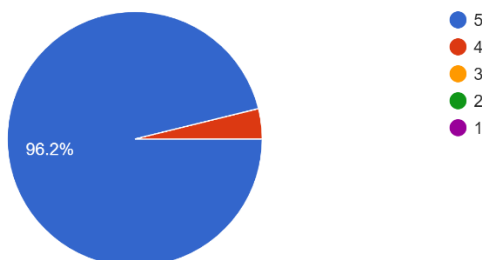
1. The field visit was timely and time available was used appropriately.

26 responses



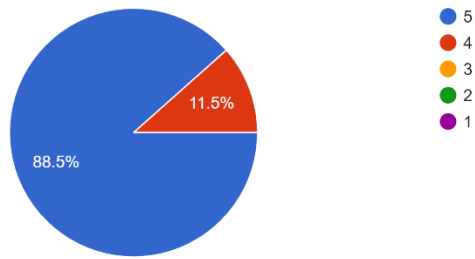
2. The visit was well organized and planned with all requirements and permissions.

26 responses



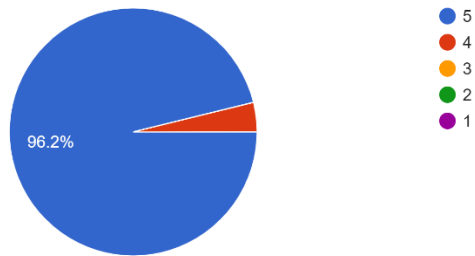
3. The location selected was appropriate to meet the stated objectives and students could see all technical points as per discussions.

26 responses



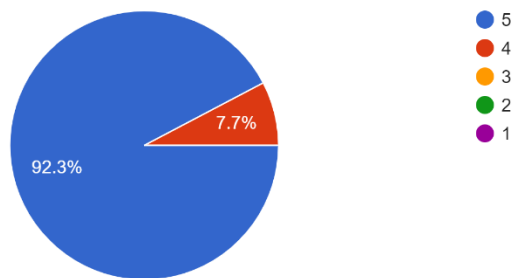
4. The visit was useful to strengthen knowledge gathered in lectures and considering practical applications, understanding career opportunities.

26 responses



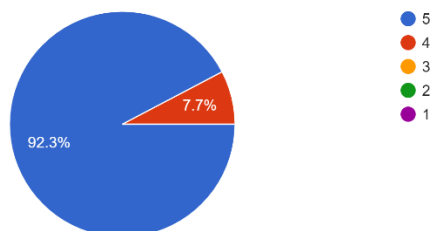
5. Aims and objectives, instructions for the visit were explained at the beginning and proper care was taken during visit considering safety of students at site

26 responses



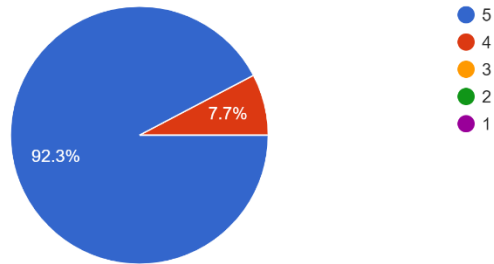
6. A teacher accompanied the students during the visit and guided students at all locations with care.

26 responses



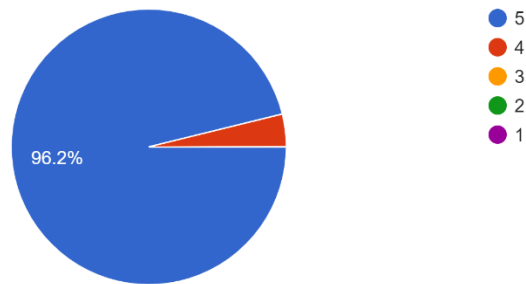
7. The Teacher and officers on site explained working , operations of plant by giving sufficient time.

26 responses



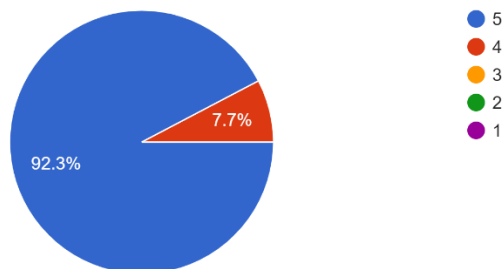
8. The Teacher/Resource Person at site were responsive to student's questions during the visit and they cleared doubts related to subject.

26 responses



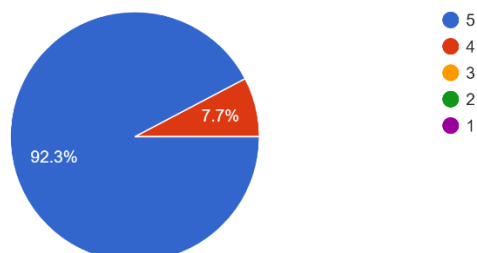
9. The Teacher/officers at site encouraged student participation and understanding of operations at site.

26 responses

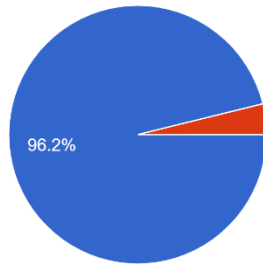


10. I recommend such field visits to be continued further for better industrial exposure.

26 responses



11. The overall grading of the Visit: Very good – 5 Good – 4 Satisfactory - 3 Poor - 2 Very poor - 1
26 responses



- Very good – 5
- Good – 4
- Satisfactory - 3
- Poor - 2
- Very poor - 1

List of Visitors:

SN	RN	Class/ Staff	Name	Gender	Age	Sign
1	244501	BE	GADE SUPRIYA MAHADEV	F	22	
2	244502	BE	PAWAR HITESH JALINDAR	M	22	
3	244503	BE	JADHAV ANUJA DHANAJI	F	21	<i>[Signature]</i>
4	244504	BE	RATHOD SWARAJ PRAKASH	M	21	<i>[Signature]</i>
5	244505	BE	JUNDALE MALLIKARJUN RAJARAM	M	21	<i>[Signature]</i>
6	244507	BE	KHETMALIS SUJATA NAMDEV	F	22	<i>[Signature]</i>
7	244508	BE	PHUTKE SNEHAL SHANKAR	F	21	<i>[Signature]</i>
8	244509	BE	VAISHNAVI PREMRAJ JAWALE	F	21	<i>[Signature]</i>
9	244510	BE	HELKAR NIRANJAN SUNIL	M	21	<i>[Signature]</i>
10	244511	BE	GONDCHAR ANMOL KAILAS	M	21	<i>[Signature]</i>
11	244512	BE	MUSALE YOGESH SANTOSH	M	21	<i>[Signature]</i>
12	244513	BE	WABLE PRATIKSHA CHHAGAN	F	21	<i>[Signature]</i>
13	244514	BE	NALE NILKANTH NARAYAN	M	21	<i>[Signature]</i>
14	244515	BE	JAGDALE RUSHIKESH GANESH	M	21	<i>[Signature]</i>
15	244516	BE	KADAM YASHRAJ JITENDRA	M	21	
16	244517	BE	BHANDARE PRANAV	M	21	<i>[Signature]</i>
17	244518	BE	KARCHE VAIBHAV MARUTI	M	21	<i>[Signature]</i>
18	244519	BE	DHAYGUDE AVIRAJ SAHADEV	M	22	<i>[Signature]</i>
19	244520	BE	GALINDE KRISHINA CHANDRASHEKHAR	M	21	<i>[Signature]</i>
20	244521	BE	KASBE PRIYANKA RAMRAO	F	20	<i>[Signature]</i>
21	244522	BE	CHAVAN AKANKSHA MAHADEV	F	22	
22	244523	BE	KADAM SANIKA SHRIKANT	F	22	<i>[Signature]</i>
23	244524	BE	SHIRUTI VIDYASAGAR KAMBOJ	F	21	<i>[Signature]</i>
24	244525	BE	SHINDE HARIOM PRABHAKAR	M	21	<i>[Signature]</i>
25	244526	BE	DEOKAR YASH ARJUN	M	22	
26	244527	BE	REDE PATIL VIRAJ BHIRMRAO	M	21	<i>[Signature]</i>
27	244528	BE	PRAJWAL VINAYAK KHADE	M	22	
28	244529	BE	GHOLAVE NIRAJ VYANKATESH	M	22	<i>[Signature]</i>
29	244530	BE	CHAVAN RANJEET VASANT	M	22	

SN	RN	Class/Staff	Name	Gender	Age	Sign
30	244531	BE	WATHORE PRANAV SAKHARAM	M	21	
31	244533	BE	PAWAR ROHIT SUNIL	M	21	
32	244534	BE	DORGE AJIT DATTATRAY	M	21	
33	244535	BE	SHAHA VIPUL SHIRISH	M	21	
34	244536	BE	CHOUDHARI HARSHWARDHAN MANISH	M	21	
35	244537	BE	GHODAKE TEJAS SANJAY	M	21	
36	244538	BE	BEDARKAR SAHIL ARUN	M	20	
37	244539	BE	PAKHALE PRATIK CHANDRAKANT	M	22	
38	244540	BE	SALUNKE SARTHA NITIN	M	22	
39	244541	BE	ANDHALE ADITYA NARAYANRAO	M	21	
40	244542	BE	GAWADE ANJALI AJAY	F	20	
41	244543	BE	KADAM SUMITRA RAMDAS	F	22	
42	244544	BE	JADHAV VIDYA RAJARAM	F	21	
43	244545	BE	CHAVAN SHITAL RAGHUNATH	F	22	
44	244546	BE	MENGALE DARADE TUSHAR SHANKAR	M		
45	244547	BE	LOKHANDE ADITYA ASHOK	M	21	
46	244548	BE	SHELAR NIKHIL HEMANT	M	21	
47	244551	BE	PANHALE PRANIT ANKUSH	M	21	
48	244552	BE	KODAK ASMITA UMESH	F	21	
49	244553	BE	PANASKAR OM SANJAY	M	21	
50	244554	BE	GAJALWAD MAHESH VYANKATI	M	21	
51	244555	BE	KUMBHAR ATHARAV MAHADEV	M	21	
52	244556	BE	GHOLAVE GANESH BABU	M	21	
53	244557	BE	POTE OMKAR DADASO	M	26	
54	244558	BE	MORE DIGVIJAY SANJAY	M	21	
55	244559	BE	PANSARE RAJNANDINI NARAYAN	F	21	
56	244560	BE	BHOSALE ROHIT BHASKAR	M	22	
57	244561	BE	PRIYA LAXIMAN BHOSALE	F	21	
58	244562	BE	DEVADKAR YOGESH EKNATH	M	21	

SN	RN	Class/Staff	Name	Gender	Age	Sign
59	244563	BE	TALE ABHISHEK SANDEEP	M	23	
60	244564	BE	SAYYAD ASAD RAHIM	M	21	
61	244565	BE	HOLKAR VAISHNAVI SANDIPKUMAR	F	20	
62	244566	BE	TAWARE VIVEK VIJAY	M	22	
63	244567	BE	DASANGE ADITYA VIRENDRA	M	21	
64	244569	BE	GHODE SHASHIKANT KALYAN	M	22	
65	244571	BE	HALSE YOGESHWAR SHRIDHARRAO	M	22	
66	244572	BE	MORGE SHIVPRASAD SHIVKUMAR	M	22	
67	244573	BE	DEVARE ROHAN SANTOSH	M	22	

13 Girls, 31 Boys (Total 44 students), 1 staff = 45 Total persons for visit

Programme outcomes mapped through this visit:

Industrial visits represent important activities in Civil Engineering programme that contribute to the achievement of various essential learning objectives and programme outcomes.

1. **Engineering knowledge:** students learned many things from theory and its applications on Airport site
2. **Problem analysis:** students analysed different problems like selection of site for Airport
3. **Design/development of solutions:** students understood design and planning of Airports
4. **Conduct investigations of complex problems:** practical exposure motivated students to gain more knowledge in this area of Transportation planning and Airport
5. **Modern tool usage:** students could see latest technology used in the Airports for communication (ATC) and advanced gadgets in the Aircraft to control and operate.
6. **The engineer and society:** students could learn about various social issues related to land required for development of Airport, land acquisition process and scope for future.
7. **Environment and sustainability:** Students came to know about different practices used at Airport for sustainability and conserving the environment.
8. **Ethics:** students get exposure of professional working Airport through discussions and experience.
9. **Individual and team work:** students coordinated well for successful achieving the objectives of visit and learned to work in team for throughout the visit by following instructions from staff.
10. **Communication:** students are motivated for proper documentation of visit details. Students enquired many doubts which were in their minds @ aircrafts, cost, fuel, pilot training course etc
11. **Project management and finance:** students learned financial aspects in planning and execution of such large Airport projects and benefits received as compared to costs
12. **Life-long learning:** everyone recognized the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change for planning of such huge infrastructural facilities for the development of nation.

Visit permissions and Industries / Organisations contacted / interacted:

1. We had applied to Academy of Carver Aviation Pvt. Ltd.(Baramati) for permission to Visit. So, they permitted us so and guided well during visit through their team. <https://carveraviation.com/>



Chhandraani Ray

to me, Vikas ▾

Dear Sir,
Greetings of the day !!

It will be our pleasure to serve you .
We can give you dates any one - 7th / 11th or 14th of september
Time - 11.00 AM - 2.00 PM
Any transport facilities if you require please mention that will be a chargeable basis & to sign MOU.



Thanks & Regards

Ms. Chhandraani Ray
Coordinator & PRO

Academy of Carver Aviation Pvt. Ltd.(Baramati)
Plot No. P- 50, MIDC, Near Baramati Airport,
Baramati - 413133, District-Pune, Maharashtra, India.



**Vidya Pratishthan's
KAMALNAYAN BAJAJ INSTITUTE OF
ENGINEERING AND TECHNOLOGY, BARAMATI
(AN AUTONOMOUS INSTITUTION)**

विद्या प्रतिष्ठानचे कमलनाथन बाजज इंजिनिअरिंग अँड टेक्नॉलॉजी, बरामती (स्वायत्त संस्था)

(Formerly Vidya Pratishthan's College of Engineering, Baramati)



National Assessment & Accreditation

Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, Pune.

University Id. No. PU/PN/Engg./152/2000 | DTE Code: 6284

NBA Accreditation of Computer, Civil and Mechanical Engineering UG Programs

Ref. No.: VPKBIET/2024/642

Date: 27/08/2024

To,
The Public Relation Officer,
Academy of Carver Aviation Pvt. Ltd.
Plot No. P-50, MIDC Ind. Area,
Near Baramati Airport,
Baramati, Dist: Pune- 413133

Subject:- Request to grant a permission to visit our Civil Engineering Students (UG) at Airport and your organisation

Dear Sir,

About 50 students of Civil Engineering along with 3 staff members would like to visit Baramati Airport during any convenient date between 29th August to 15th September 2024. It will give exposure to Airport components like Runway, apron, Hanger, Taxiway, Terminal building, ATC and in general Aircraft characteristics, operation of Aircrafts and management at Airport. I assure you to follow the rules and regulations of your project during the visit. This will be great industrial exposure to students.

Prof. D. G. Patil (9960686384) will be the overall incharge of this visit.

Awaiting for your kind reply in this regard,

Thanking You,



Yours Sincerely,

R. S. Bichkar

Dr. R. S. Bichkar
Principal
Vidya Pratishthan's
Kamalnayan Bajaj Institute of
Engineering & Technology, Baramati
Vidyanagari, Baramati-413133

Vidyanagari, Bhigwan Road, Baramati, Dist. Pune (Maharashtra) - 413 133, India.

Phone: 91-2112-239503, 239504 | Fax: 91-2112-239514 | E-mail: principal.vpkbiet@vidyapratishthan.com | Web: www.vpkbiet.org

