

# **HINDUSTAN AERONAUTICS LIMITED (HAL) FIELD VISIT**

## **Field Visit Report**



**DEPARTMENT OF PHYSICS  
GOVERNEMENT DEGREE COLLEGE  
KUKATPALLY, MEDCHAL DIST, TS  
DECEMBER – 2021 (AY: 2020-21)**







## HINDUSTAN AERONAUTICS LIMITED FIELD VISIT (15<sup>TH</sup> DECEMBER -2021)

The Company which had its origin as Hindustan Aircraft Limited was incorporated on 23 Dec 1940 at Bangalore by Shri Walchand Hirachand, a farsighted visionary, in association with the then Government of Mysore, with the aim of manufacturing aircraft in India. In March 1941, the Government of India became one of the shareholders in the Company and subsequently took over its management in 1942. In collaboration with the Inter Continental Aircraft Company of USA, the Company commenced its business of manufacturing of Harlow Trainer, Curtiss Hawk Fighter and Vultee Bomber Aircraft. In January 1951, Hindustan Aircraft Limited was placed under the administrative control of Ministry of Defence, Government of India.

The Company had built aircraft and engines of foreign design under licence, such as Prentice, Vampire & Gnat. It also undertook the design and development of aircraft indigenously. Meanwhile, in August 1963, Aeronautics India Limited (AIL) was incorporated as a Company wholly owned by the Government of India, to undertake manufacture of MiG-21 aircraft under licence

We, Dr M Kondaiah and Dr N Vijaya Lakshmi faculty of physics along with students of B.Sc., I, II and III years nearly 80 visited HAL organizing an open exhibition to display its prestigious products that are part of aircraft and helicopters in the part of “**Azadi Ka Amrit Mahotsav**” on 15<sup>th</sup> December 2021.

In this visit, students are very much interacted with the staff of HAL, learned and discussed working of several of parts which are involved in aircrafts, missiles. They also visited exhibition of display of interior parts of missiles and aircrafts and video display.



## Invitation

Date: 25.11.2021

To  
Principal,  
Government Degree College,  
Kukatpally, Hyderabad

Dear Sir/Madam,

Hindustan Aeronautics Limited (HAL) is a premier aerospace company of Asia, involved in design, development, manufacture, repair, overhaul and upgrade of various Aircraft and Helicopter platforms.

As India celebrates 75 glorious years of Independence, HAL takes pride in being an integral part of this developmental journey all through. Owing to the contribution of HAL's products in India's defence preparedness, HAL has been reckoned as '**A Force behind the Forces**' for eight decades. HAL's products have also made their mark in several space missions and continue to showcase India's manufacturing capabilities.

HAL's Avionics Division at Hyderabad specializes in manufacturing specialized hi-tech Avionics systems like:

- Airborne Radars
- Ground Radars
- Mission Computers
- Communication and Navigation Systems.

HAL, Avionics Division, Hyderabad is celebrating '**Azadi Ka Amrit Mahotsav**' and with an intention to bring together the academia and industry, it has come up with a first of its kind exhibition, putting up on display its prestigious products that are part of aircraft and helicopters.

HAL cordially invites your faculty members and students to visit the exhibition and view technical presentations. I urge your students and faculty members to utilize this enriching opportunity of understanding hi-tech defence products and make this celebration of independence a huge success.

**Venue :** HAL Ground, HAL Township, Balanagar, Hyderabad  
**Date and Time :** 15.12.2021, 02:00hrs- 04:00hrs.

With warm Regards,

For Hindustan Aeronautics Limited

(Surendraji P.)

Chairman, Invitation Committee  
Azadi Ka Amrit Mahotsav Celebrations  
Azadi Ka Amrit Mahotsav Celebrations

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M.K. —  
I/c. Dept. of physics  
ADC Kukatpally

~~AI~~  
Faculty of physics

AI  
06/11/2022

GOVT. DEGREE COLLEGE, KUKATPALLY, Department of physics  
FIELD VISIT, HINDUSTAN AERONAUTICS LIMITED (HAL)

YEAR I Year

B.SC S.NO.	NAME OF THE STUDENT	PHONE NUMBER	GROUP	SIGNATURE
1	D. kuman	9948407859	MPC	<i>[Signature]</i>
2	M. Shivaji Ganesh	9618398107	MPC	M. Shivaji Ganesh
3	G. Srinivas	8106878743	MPCS	G. Srinivas
4	J. Ajay	7207200397	mPCS	J. Ajay
5	SADANAND	8555904059	MPCS	B. S. <i>[Signature]</i>
6	M. Prashanth	6302881291	MPCS	Prashanth
7	K. Ravi Teja	7995712492	MPCS	<i>[Signature]</i>
8	* Bahmanu	9346573327	MPCS	<del>BN</del>
9	N. Mahesh	6309751662	MPCS	N. Mahesh
10	M. Pavi	8317569319	MPCS	M. P. <i>[Signature]</i>
11	B. Shiva Kumari	7013310569	MPC	Shivakumari
12	G. Janakiyam	9059009323	MPCS	Janaki
13	J. Raju	9391461007	MPCS	<i>[Signature]</i>
14	Sumaiya Kulega	9513150968	MPCS	Sumaiya Kulega
15	Saniya	8008107131	MPCS	Saniya
16	D. Nikitha	9492187637	MPCS	Nikitha
17	Jyothikumari	9542301077	MPCS	Jyothikumari
18	B. Anbika	7989963126	MPCS	<del>Anbika</del>
19	M. Mounika	9704013874	MPCS	M. Mounika
20	G. Abhinaya Sni	9949463124	MPCS	<i>[Signature]</i>
21	V. Nithin	9390612126	MPCS	Nithin
22	N. Mahesh goud	6300213820	MPCS	<i>[Signature]</i>
23	Y. Shyam	8790259233	MPCS	Shyam
24	R. Rami	6304917966	MPCS	Rami
25	M. Namdbini	9948603157	MPCS	Nandini
26	B. Sushmitha	8247250306	MPC	B. Sushmitha
27	M. Sri Vishnu	6303819584	MPC	M. Sri Vishnu
28	N. Pavani	7702973710	MPC	N. Pavani
29	J. Krishnaveni	6281673852	MPC	J. Krishnaveni
30	P. Tejasai	7731967917	MPC	P. Tejasai
31	A. Abilash	8897069434	MPCS	A. Abilash
32	Swathi	9989553471	MPCS	B. K. Swathi
33	N. Kavya	836303905513	MPCS	Kavya
34	B. Supriya	96876877630	MPCS	B. Supriya
35	K. Rupa	8074245880	MPCS	Rupa



GOVT. DEGREE COLLEGE, KUKATPALLY, Department of Physics  
FIELD VISIT, HINDUSTAN AERONAUTICS LIMITED (HAL)

B.SC

YEAR II Year

S.NO.	NAME OF THE STUDENT	PHONE NUMBER	GROUP	SIGNATURE
1	K. Baran Kumar goud	9490079652	MPCS	K. Baran
2	N. Ganesh	7989489280	MPCS	N. Ganesh
3	P. Krishna	6281572420	MPCS	P. Krishna.
4	K. Shiva Kumar	9676619742	M.P.C	K. Shiva Kumar
5	K. Sai Kumar	9948950275	M.P.C.S	K. Sai Kumar
6	K. Thimma Reddy	9392847563	M.P.C.S	K. Thimma Reddy
7	M. Harish	6303682474	M.P.C.S	M. Harish
8	K. DHARMAKRISHNA	9508831625	M.P.C.S	K. DHARMAKRISHNA
9	V. VIVEK	7032259118	M.P.C.S	V. VIVEK
10	B. Ravi Teja	9963448922	M.P.C.S	B. Ravi Teja
11	P. Uday Kumar	9391449069	M.P.C.S	P. Uday Kumar
12	B. Lakshmi Nandhan	8008835250	M.P.C.S	B. Lakshmi Nandhan
13	M. Adhi Laxmi	8639032998	M.P.C.S	M. Adhi Laxmi
14	T. Shiksha	8897124810	M.P.C.S	T. Shiksha
15	S. Bhavani	9059659119	M.P.C	S. Bhavani
16	D. Prityanica	7386175086	M.P.C	D. Prityanica
17	Sri Priya	7032620384	M.P.C	Sri Priya
18	Ch. Mamatha	7093761111	M.P.C	Ch. Mamatha
19	G. Laxmi	9381949599	M.P.C.S	G. Laxmi
20	L. Sujatha	8247294340	M.P.C.S	L. Sujatha
21	Adishashan B	9177822625	M.P.C	Adishashan B
22	Mohd Saaid	8341244813	M.P.C.S	Mohd Saaid
23	P. Shyam	7569910748	M.P.C	P. Shyam
24	G. Praveen	9381936590	M.P.C	G. Praveen

GOVT. DEGREE COLLEGE, KUKATPALLY, Department of physics  
 FIELD VISIT, HINDUSTAN AERONAUTICS LIMITED (HAL)

B.SC

YEAR III Year

S.NO.	NAME OF THE STUDENT	PHONE NUMBER	GROUP	SIGNATURE
1.	A. Bhaskar	7995504188		
2.	K. Swathi	7286077690	M.P.CS	A. Bhaskar
3.	D. Mansoor	8919549162	M.P.C	K. Swathi
4.	P. Srikanth	7286848091	M.P.CS	<del>Swathi</del>
5.	N. Neelaveni	9010704578	M.P.CS	P. Srikanth
6.	N. Raja Kamala	8328492177	M.P.C	N. Neelaveni
7.	P. Priyanka	6301073871	M.P.C	N. Raja Kamala
8.	K. Thrisha	7337498597	M.P.C	P. Priyanka
9.	P. Gayathri	7893806156	M.P.C	K. Thrisha
10.	G. Sandhya	9912030158	M.P.C	P. Gayathri
11.	G. Lavanya	9959123887	MPCS	G. Sandhya
12.	D. Nikitha	9912317557	MPCS	G. Lavanya
13.	B. Poojitha	6304918925	MPCS	D. Nikitha
14.	D. Praveen	8142299496	MPCS	B. Poojitha
15.	Ankith G	8498866536	MPCS	D. Praveen
16.	B. Nagesh	9133605227	MPCS	Ankith G
17.	K. Thirupathiah	9963847983	MPCS	B. Nagesh
18.	M. Praveenkumar	9652861118	MPC	K. Thirupathiah
19.	J. Bharath Kumar	7386536919	MPCS	M. Praveenkumar
20.	M. Phaniyay	9704483347	MPCS	J. Bharath Kumar
21.	S. Praveen Kumar	6301776039	MPCS	M. Phaniyay
22.	S. Nitesh Kumar	7287902655	MPCS	S. Praveen Kumar
23.	R. Madhu	9502841058	MPCS	S. Nitesh Kumar
24.	S. Rajesh	9618973520	MPCS	R. Madhu
25.	S. Shiva	6300413014	MPCS	S. Rajesh
26.	P. Yashwanth	9666455287	MPCS	S. Shiva
27.	B. Aravind	8978247034	MPCS	P. Yashwanth
28.	T. Sai Krishna	8096450109	MPCS	B. Aravind
29.	B. Raju	8106785256	MPCS	T. Sai Krishna
30.	K. Raju	6303987085	MPCS	B. Raju
31.	P. Praveen	6309542718	MPCS	K. Raju
32.	R. Subramanyam	6302101253	MPCS	<del>Praveen</del>
33.	B. Venkatesh	9391005369	MPCS	R. Subramanyam
40.	P. Naveen	9676078887	MPCS	B. Venkatesh
41.	A. Aravind	9347085773	MPCS	P. Naveen
42.	P. Rhanu prekash	8688993079	MPCS	A. Aravind
43.	V. Anjanayulu	6300407384	MPC	P. Rhanu prekash
44.	J. Shiva	9391319264	MPCS	V. Anjanayulu
45.	M. Nitish Kumar	8639740728	MPCS	J. Shiva
46.	Sherwan	9121084726	MPC	M. Nitish Kumar
47.	V. Dathu Charay	7993057450	MPCS	Sherwan
48.	K. Saikiran goud	8247225510	MPCS	V. Dathu Charay
49.	Zenus K.	9390638298	MPCS	K. Saikiran goud

G. Sravani from (MPCS)

203920468019

I was very enjoyed to visiting hall. It is very useful for us and scientist are explained in understanding way and I was learn small things and I was enjoyed a lot. and it is very useful.

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Manasa (MPCS)

203920498020

I am very great full to visiting a hall. & was very amazing listening the words which they are explained. Thank full to visiting a hall.

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K. Paveen kumar goud (MPCS)

203920468024

It is very honorable to visit HAL. The Scientists brought us very important technology of the coming up generation. The technology is a good improving. By seeing the greatful minds of the Scientists I felt very happy. The improvement of technology is playing a crucial role in society. I felt very Enthusiastic for visiting.