



OFFER LETTER

Ref. No.: NHCE/OFFER/163/2019

July 25, 2019

Dr. T Ram Prabhu

Deputy Director,
Materials & Manufacturing Engineering,
DRDO,
Bangalore.

Dear Dr. T Ram Prabhu,

Congratulations! We are pleased to appoint you as an **Adjunct Faculty** in the **Department of Mechanical Engineering** in **New Horizon College of Engineering** for the academic year 2019-20. **New Horizon College of Engineering** is a unit of New Horizon Educational Institution, founded in 1970 to provide quality education.

- The topic allotted to you is "**Aerospace materials and manufacturing technologies**".

Adjunct faculty appointments are temporary in nature and are usually made for one year. You may be considered for reappointment in accordance with existing policy. The Institution reserves the right to reschedule or reassign the teaching responsibilities for this appointment.

Kindly acknowledge the receipt of this offer letter and also the acceptance of the offer.

We welcome you to New Horizon family.

Head - Human Resources

Accepted the offer as per the terms discussed.

Signature:.....

Date:.....

27/7/19

Guest Lecture Details

S.NO	DETAILS REQUIRED	
1	Name of the Resource person	Dr Ram Prabhu
2	Years of Experience	12+
3	Currently working in	DRDO
4	Designation	Scientist
5	Number of Lecture Hours	2 hrs
6	Date of Lecture	Sep-21 or 28 or July 27 ✓
7	PAN Number	AEXPT8736P
8	Aadhar Number	372985837572
9	Date of Birth	07 MAY 1984
10	Educational Qualification	PHD
11	Bank Name	SBI, C V RAMAN NAGAR, BANGALORE
12	Account Number	200 837 61 775
13	IFSC Code & Branch	SBIN0003994, SBI, C V RAMAN NAGAR, BANGALORE


28/7/19

Date: 27th July 2019

Topic: Aerospace Materials and Manufacturing Technologies

Expert: Dr. Ram Prabhu, Scientist, R&D Laboratory in DRDO, Bangalore

The department of mechanical engineering organized a guest lecture on the topic of Aerospace Materials and Manufacturing Technologies. The speaker for the session was Dr. Ram Prabhu Scientist in DRDO professional in the field of Aerospace materials. The speaker has over 12 years of experience in the field Metal additive manufacturing, metal matrix composite materials, tribology, Al, Mg, Ti, ferrous alloys, shape memory alloy, high entropy alloy and Advanced manufacturing processes.

The session included an overview of the basic concepts of Forging, Simulations and testing of materials. The various problems related to cast and forged parts used in engineering applications was discussed. The students were also informed about solving problems using Analysis and Simulation methods. Identifications of stress induced in forged parts and its cooling time were explained clearly.

Design and simulation of forged components for aerospace was elaborated in details. He has given inputs on, how to crack gate exam and highlighted its importance with various case studies. The selections of appropriate projects, research work and internship in final year which boosted the interest level of students.

The overall program was very much interesting and benefitted for the students to crack gate exams, do their masters and get placed in suitable domains.



