

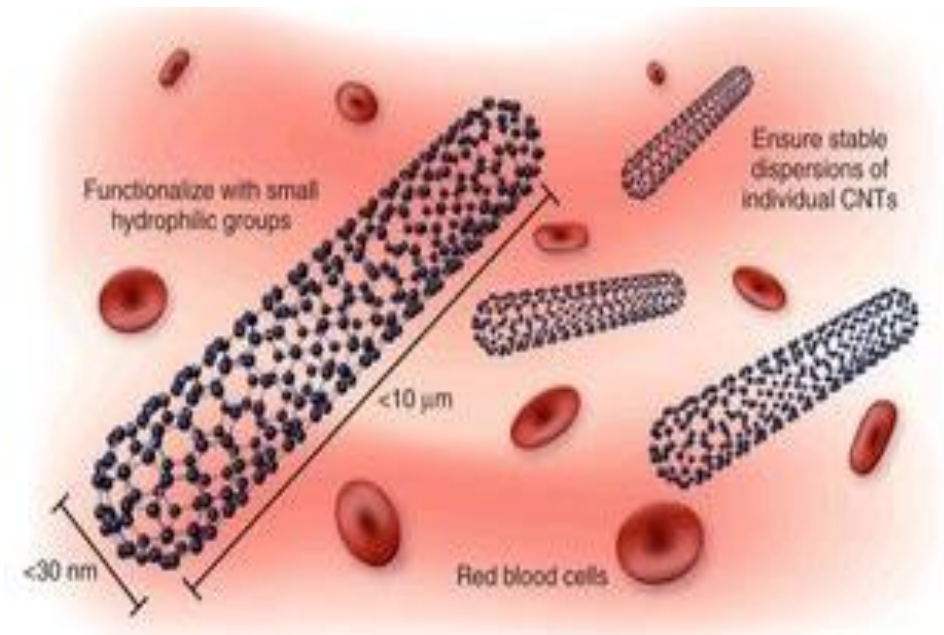
Achievements of the Department

Since its establishment, the Department of Applied Mathematics has made countless achievements over the years including the following major highlights:

Research Projects

There is an ongoing Research project in the department for which the Department has received 3 lakhs grant from U.P. State Govt. under the Research and Development Scheme by G.O. 47/2021/606/सत्तर -4-2021-4(56)/2020.

The title of the project is “A comprehensive analysis of blood based carbon nano tubes under magneto hydrodynamics” and its duration is 3 years i.e. 2021-24.



The objectives of the approved project are as follows:

- 1) Thermal analysis of blood based CNTS and comparison with other work.
- 2) Study of velocity profile of nanoparticles as a function of volume fraction of nanoparticles.
- 3) Study of trajectory of nanoparticles in blood.
- 4) Study of Brownian motion of nanoparticles in blood.
- 5) Effect of slip under MHD in blood based CNTS.

Dr. Madan Lal, Head of the Department is Principal Investigator of the project and Dr. Rakesh Kumar, Associate Professor, Hindu College, Moradabad is Co-Principal Investigator.

Organization of Symposium

The Department has organized a Symposium on “Wavelet and Its applications in Engineering Problems” during 20-21 December. The aim of the Symposium was to provide a national multidisciplinary platform for discussion and debate among health care providers, policy makers, academics, and researchers on contemporary strategies and issues in evidence-informed health care and policy formulation which was successfully achieved.

