

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC - AUTONOMOUS)

Report on

**TWO DAY NATIONAL WORKSHOP
“RECENT ADVANCES IN FLUID DYNAMICS AND APPLICATIONS IN SCIENCE AND
TECHNOLOGY”**

Organized by Department of Mathematics
Under TEQIP-II during 25-26, May 2018



Submitted by : Dr. M. Sudhakar Reddy, I B.Tech Coordinator

The Department of Mathematics organized a two-day national workshop on “Recent Advances in Fluid Dynamics and Applications in Science and Technology” on 25-26 May 2018.

The invited dignitaries - Dr. Jagadish Chandra Misra, Formerly Professor & Head, Department of Mathematics -IIT, Kharagpur Dr. C. Yuvaraj – Principal, Dr. Ramanadhan – Vice principal, Dr. Shukla Vidya Prasad – HoD of Mathematics, Dr. M. Sudhakar Reddy – Convener inaugurated the workshop at 10.00 AM on 25 May 2018 by lighting the lamp. Next, followed an invocation song. Dr. Jagadis Chandra Misra was the chief guest of the inaugural function.

Dr. M. Sudhakar Reddy gave the opening remarks and outlined the programme schedule. Dr. C. Yuvaraj singled out the achievements of the college and motivated all the participants to actively participate in the workshop and gain the maximum knowledge. Dr. Ramanadhan highlighted the importance of the workshop. Dr. Shukla Vidya Prasad stressed the importance of research in ‘Fluid Dynamics’ and insisted on improving research skills to get research fund from various research agencies. The schedule of workshop was as follows.

Date	Time	Session	Title
25.05.2018 FN	9.30 – 10.00	Registration	
	10.00 – 10.30	Inaugural Function	
	10.30 – 10.45	High Tea	
	10.45 – 12.00	Keynote Lecture by Prof. J. C. Mishra	Heat transfer in some problems of physiological fluid dynamics
	12.00 – 01.00	Lecture by Prof. Shukla Vidya Prasad	Modeling of surface flow and pollution control
	01.00 – 2.00	Lunch Break	
25.05.2018 AN	2.00 – 3.15	Lecture by Dr. Dipankar Roy	Ground water flow modeling and aquifer contamination.
	3.15 -3.30	High Tea	
	3.30 -4.30	Lecture by Dr. Kuvar Satya Singh	Mathematical modeling and prediction of tropical cyclone.
	4.30 – 6.00	Visited Horsly Hills	

