

A Summary on the NCMW-2023 Workshop

Two weeks Workshop on “Advanced Topics in Partial Differential Equations”

(15-27, May 2023)

The Department of Mathematics, Jaypee University of Information Technology, Waknaghat, Solan (H.P.), in collaboration with National Centre for Mathematics (A joint centre of IIT Bombay and TIFR, Mumbai) has organized two weeks workshop entitled “Advanced Topics in Partial Differential Equations ” between 15-27 May 2023 (in CR3), JUIT Waknaghat Solan.

The Workshop concluded successfully under the patronages of:

- Prof. Rajendra Kumar Sharma – Vice Chancellor, JUIT Waknaghat.
- Prof. Ashok Kumar Gupta – Dean of Academics, JUIT Waknaghat.
- Maj. General Rakesh Bassi (Retd.) - Registrar and Dean of Students, JUIT Waknaghat.
- Dr. Ujjwal Koley (Organizer)-Tata Institute of Fundamental Research (TIFR-CAM) Bengaluru.
- Dr. Bidhan Chandra Sardar (Organizer)-Department of Mathematics, IIT Ropar.
- Prof. Rakesh Kumar Bajaj (Organizer)- Department of Maths, JUIT, Waknaghat.
- Prof. R. S. Raja Durai (Coordinator)- Department of Maths, JUIT, Waknaghat.
- Dr. Pradeep Kumar Pandey (Coordinator)- Department of Maths, JUIT Waknaghat.

The workshop received an overwhelming response, with a total of 41 outstation participants in attendance. The participants represented a diverse range of scholars from the prestigious institutes of India.

The Workshop on “Advanced topics in PDEs” comprised mainly of lecturers from eminent speakers from renowned institutes.

The details of speakers follow:

S N	Resource persons	Memento	Position	Affiliation	URL
1	Dr. Ujjwal Koley	Organizer	Associate Professor (G)	TIFR-CAM, Bangalore	https://www.math.tifrbng.res.in/people/ujjwal
2	Dr. Debayan Maity	Resource person	Reader (F)	TIFR-CAM, Bangalore	https://www.math.tifrbng.res.in/people/debayan
3	Dr. Rajib Dutta	Resource person	Assistant Professor	IISER Kolkata	https://www.iiserkol.ac.in/web/en/people/faculty/dms/rajib-dutta/#gsc.tab=0
4	Dr. Ali Hyder	Resource person	Reader (F)	TIFR-CAM, Bangalore	https://www.math.tifrbng.res.in/people/hyder
5	Dr. Arka Mallick	Resource person	Assistant Professor	IISc Bangalore	https://iiscprofiles.irins.org/profile/279731
6	Dr. Bidhan Chandra Sardar	Resource person	Assistant Professor	IIT Ropar	https://www.iitrpr.ac.in/mathematics/bidhan
7	Dr. Abu Sufian	Resource person	Post-Doc Fellow	TIFR-CAM, Bangalore	https://www.math.tifrbng.res.in/people/abu22
8	Dr. Vaibhav Kumar Jena	Resource person	Post-Doc Fellow	TIFR-CAM, Bangalore	https://www.math.tifrbng.res.in/people/vkjena22
9	Mr. Ritu Raj	Resource person	Research Scholar	IIT Ropar	https://www.iitrpr.ac.in/math/content/phd-students
10	Dr. Debdeep Ganguly	Guest speaker	Associate Professor	IIT Delhi	https://sites.google.com/site/debdipganguly02/home

Feedback:

The workshop received outstanding feedback from the participants. They found it extremely valuable and useful. An important outcome reported by the attendees was that they felt more self-confident in their ability to understand ideas clearly and concisely. They noted improvements in their learning & teaching skills of PDEs. Feedback was collected from participants for further improvements in conducting future events.

Conclusion:

The “Advanced Topics in Partial Differential Equations” Workshop was a great success, giving participants important knowledge to improve their research and teaching skills. The workshop's participatory format, material, and delivery were all applauded by the participants. Overall, the workshop met its goals and had a great effect on the attendees. Certificates were given to all participants who were registered and participated in the workshop.









