



## د.دنانجاي ياداف

أستاذ مشارك

العلوم الرياضية والفيزيائية - شعبة الرياضيات

كلية العلوم والآداب

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يعمل في الجامعة: منذ 2017

الحالة الاجتماعية: Married.....

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### المؤهلات الأكاديمية

Ph.D., Indian Institute of Technology Roorkee (IITR) India, 2013

M.Sc., DDU University, Gorakhpur, India, 2007

B.Sc., DDU University, Gorakhpur, India, 2005

### أنشطة التدريس

Calculus

Linear Algebra

Numerical Analysis

Mathematics for Teacher

Differential Equation for Engineers

Pre-Calculus

Ordinary and Partial Differential Equations

Mathematical Methods

CO2 capture, storage and oil recovery

Computational sustainability and environmental analytics

Nanofluids

Fluid flow in porous media

Modelling on Greenhouse gas emissions from agriculture field

## المنشورات -

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U.S. Mahabaleshwar, T. Anusha, O.A. Béguin, Dhananjay Yadav, T. Botmart, "Impact of 2022 .8 Navier's slip and chemical reaction on the hydromagnetic hybrid nanofluid flow and mass transfer due to porous stretching sheet", Scientific Reports,12, 10451, 2022. <https://www.nature.com/articles/s41598-022-14692-y> (Nature Publication, United Kingdom, (IF-4.996. H index: 242, Scopus, Web of Science

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كتاب:

[Yadav, D.: 2014, Hydrodynamic and Hydromagnetic Instability in Nanofluids, Lambert Academic Publishing, Germany. ISBN-13: 978-3659592010](#)

#### الأنشطة الاستشارية

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#### العضوية في الهيئات المهنية

Editorial Board member of Probe-Chemical and Biochemical Engineering :الآن-2019

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Editorial Board member of Fluid Mechanics Journal :الآن-2018

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