



د.دنانجاي ياداف

أستاذ مشارك

العلوم الرياضية والفيزيائية – شعبة الرياضيات

كلية العلوم والآداب

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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 -

مقال:

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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

Senior Post Doc. Fellow, Athabasca University Canada, 2016- 2017

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Assistant Professor, Mangalayatan University Aligarh, India, 2013- 2013

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العضوية في الهيئات المهنية

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

Editorial board member of ``The Open Mechanical Engineering Journal :الآن-2019

Editorial Board member of Fluid Mechanics Journal :الآن-2018

Editor in Chief of International Journal of Energy and Thermal Fluids :الآن-2016

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