CHEMICAL ENGINEERING : A THRUST ON RESEARCH & TECHNOLOGY

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ABSTRACT :

In this Review we will point out some Research & Technological view highlighting the following areas process modelling, simulation & optimisation, environmental pollution, and computational fluid dynamics.

[1] CHEMICAL PROCESS TECHNOLOGY – Synthesis involving technological aspects on the chemical process as well as feasibility study. It is also known as process modelling / simulation & optimization

(https://www.researchgate.net/post/Is_there_any_basic_difference_between_Chemistry_and_Chemical_Engineering).

(https://www.researchgate.net/post/What_is_the_basic_difference_between_Engineering_and_Technology).

[2] ENVIRONMENTAL ENGINEERING - Environmental Science including Lead & Arsenic pollution as well as Toxicological effect including biotechnology .(

https://www.researchgate.net/post/Which_Car_having_more_Lead_automobile_emission_either_Petrol_Diesel)

(https://www.researchgate.net/post/What_is_the_application_of_NON-DISPERSIVE_IR_spectroscopy)

(https://www.researchgate.net/post/What_is_the_utility_of_DRAEGERS_Tube_in_Environmental_Pollution)

[3] COMPUTATIONAL FLUID DYNAMICS : It is the most popular research area w.r.t pure Chemical Engineering research including Hydrodynamics.(

https://www.researchgate.net/post/FORTRAN_vs_C_a_comperative_approach)

(https://www.researchgate.net/post/Is_Best_Fit_Hydrodynamic_Study_is_also_an_Interdisciplinary_part_of_CFD).

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CONCLUSION: In the vast area of Engineering Research & Technology three main thrust areas are highlighted with FULL TEXT LINK for detail & elaborative discussion of each areas.