

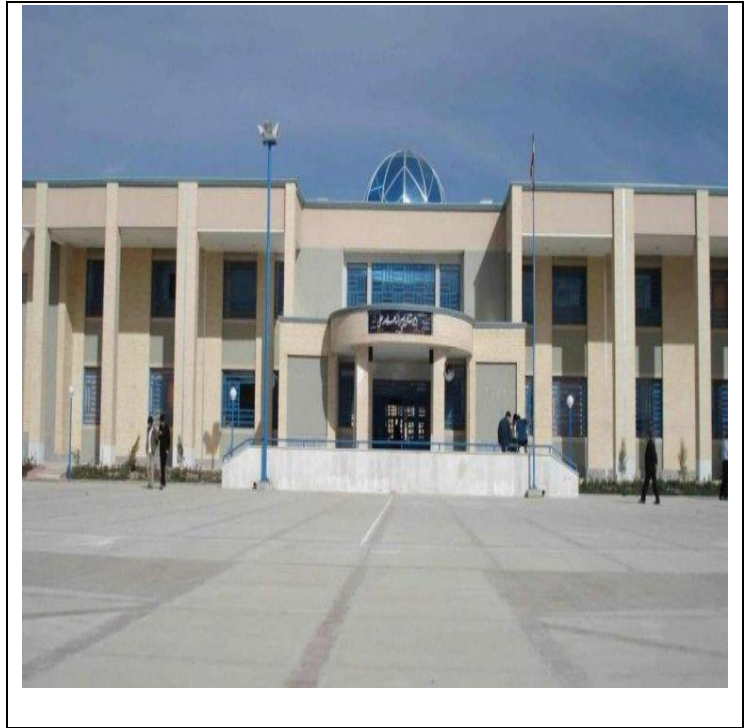
Isolation of hydrocarbon degradation bacteria from soil contaminated of gas stations in Gorgan, North of Iran

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Petroleum hydrocarbons contain a complex mixture of compounds which can be categorized for simplicity into four fractions: saturates, aromatics, resins (N, S, O) and asphaltene (Shell International Ltd., 1983). In recent years leakage gasoline from underground storage tank primarily from the automobile service station and pipelines has been exceeded. Many microorganisms are also known to degrade a wide range of aromatic compounds.

This research will finally help in bioremediation studies to remove oil contamination areas in an affected environment by the use of bacteria strains. Bioremediation in the form of adding microorganisms to affected areas will play an important role in the future as environmentally safe and cost-effective response to oil pollution



Amir Reza Niknejad is 15year old and a student from Iranian talent student school, Gorgan, Iran. He is very interested in research in microbiology field. He starts researching with his father's when he was 6 years old. He was winning two Jabber -hayyan Prize (Science Congress for student in Iran) in 2013 and 2014. Isolation metal tolerated bacteria from the environment and sewage is his new research that is running now.



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[Amir Reza Niknejad, Isolation of hydrocarbon degradation bacteria from soil contaminated of gas stations in Gorgan, North of Iran, Applied Micro 2020, International Conference on Advancement in Applied Microbiology2nd Asian Cardiology Congress, April 20-21, 2020,pp1](#)

