



# Universities' Journal of Phytochemistry and Ayurvedic Heights

*AMR and Indian herbs as promising source of  
antimicrobial compounds*



*Sesamum indicum*  
(Sesame)



*Terminalia bellerica*  
(Baheda)



*Cichorium intybus*  
(Chicory)



*Cyperus scariosus*  
(Nutgrass)

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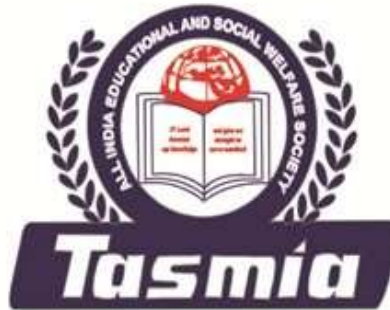


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WITH BEST COMPLIMENTS

from



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**DR. S. FAROOQ**

President



# Uttarakhand State Council for Science & Technology

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### Initiatives for promotion of reverse pharmacology in Ayurvedic domain

Uttarakhand State Council for Science and Technology (UCOST) was established in Uttarakhand in 2005 after a new state was carved out of Uttar Pradesh. Due to difficult terrain, the hill state has seen limited technological intervention which could otherwise have propelled technology-led development in the state. UCOST is playing a crucial role in developing a science and technology enabled ecosystem in the state to encourage Research & Development activities, Identification and support to Scientific talent at all the levels, Science dissemination, Entrepreneurship development in the state. UCOST is driving collaborative innovation through Science & Technology leveraging state of art infrastructure at Dehradun. Council aims to forge conducive result-oriented partnerships between central and state government, Civil society organizations, R&D Institutions, Academia and Industry. The regional science center within the UCOST campus has been drawing large crowds from schools and colleges. This Science center has an innovation lab sponsored by National Innovation Council.

UCOST has initiated an ambitious “Ayurvedic Drug Development” initiative within the ambit of reverse Pharmacology and the guidance laid down by WHO for the development of natural herbs and other products. We have recently reviewed promising therapeutic effects of Herbo-Mineral formulations for prophylaxis of chronic pancreatitis and migraine, Faltrikadikwath for prophylaxis of Hepatitis B and started to facilitate advanced R&D following reverse pharmacology. We are committed to promote and support Ayurvedic drug development for some of the tropical diseases in near future. We intend to work with Vaidyas or traditional Ayurvedic healers to preserve and maintain meticulous record of their clinical work and harvest this important traditional knowledge in the state.

I extend my best wishes to Universities' Journal of Phytochemistry and Ayurvedic Height for their endeavor in Herbal research.

**Prof. Durgesh Pant**  
Director General