

Books and Chapters in edited Volumes/ Books published

Book Chapters (2018-2019):

1. Kour D, Rana KL, Kumar R, Yadav N, Rastegari AA, Yadav AN, Singh K (2019) Gene Manipulation and Regulation of Catabolic Genes for Biodegradation of Biphenyl Compounds. In: New and Future Developments in Microbial Biotechnology and Bioengineering. Elsevier, pp 1-23
2. Kour D, Rana KL, Yadav N, Yadav AN, Rastagari AA, Singh C, Negi P, Singh K, Saxena AK (2019) Technologies for biofuel production: current development, challenges, and future prospects. In: Prospects of Renewable Bioprocessing in Future Energy Systems (Eds. Rastegari AA et al.). Springer, pp 1-52
3. Rana KL, Kour D, Sheikh I, Dhiman A, Yadav N, Yadav AN, Rastegari AA, Singh K, Saxena AK (2019) Endophytic Fungi: Biodiversity, Ecological Significance, and Potential Industrial Applications. In: Recent Advancement in White Biotechnology through Fungi (Eds. A. N. Yadav et al.). Springer, pp. 1-62
4. Singh N, Gautam PD, Chauhan PK, Kaur T, Singh K, Singh J, Dagar SS (2019) Antiparasitics from microorganisms. In: Pharmaceuticals from Microbes (Eds. Arora D et al.). Springer, pp. 27-47
5. Sharma S, Kour D, Rana KL, Dhiman A, Thakur S, Thakur P, Thakur S, Thakur N, Sudheer S, Yadav N, Yadav AN, Rastegari AA, Singh K (2019) Trichoderma: Biodiversity, Ecological Significances, and Industrial Applications. In: Recent Advancement in White Biotechnology through Fungi, Fungal Biology (Eds. A. N. Yadav et al.). Springer, pp 85-120
6. Singh N, Singh J, Singh K (2018) Small at size, big at Impact: microorganisms for sustainable development. In: Microbial Bioprospecting for Sustainable Development (Eds. J Singh et al.). Springer, pp 3-28
7. Kumar S, Sharma S, Thakur S, Mishra T, Negi P, Mishra S, Hesham AEL, Rastegari AA, Yadav N, and Yadav AN (2019) Bioprospecting of Microbes for Biohydrogen Production:

Current Status and Future Challenges. In: Bioprocessing for Biomolecules Production (Eds. G Molina et al.), John Wiley & Sons Ltd., pp. 443-472

8. Bhanawat H (2018) GST-Input credit and set off structure: With special reference to industries in southern Rajasthan. Sustainable Economic Development, pp 205-210
9. Chauhan SK (2019) Diversification of agriculture and impact on farmer's income: a study of Himachal Pradesh crop diversification promotion project, JICA-ODA. In Proceedings of ICSSR sponsored seminar on agriculture diversification and vulnerability of climate change for sustainable food security and livelihoods in North Western Himalayas. Department of Economics, Akal College of Economics, Commerce and Management, Eternal University, Baru Sahib, pp 34-42
10. Chauhan SK (2019) Socio economic impact of sericulture development schemes on women in Himachal Pradesh. In seminar proceedings of ISAM on women in agricultural production and marketing. Indian Society of Agricultural Marketing PJTSA University Campus, Hyderabad, pp 13-24
11. Kumari G, Joshi G & Alam A (2019) A comparative study of job satisfaction level of software professionals: A case study of private sector in India. In soft computing: theories and applications, advances in intelligent systems and computing, Springer Nature, Singapore Pte Ltd, pp 591-604
12. Kumari Shanta (2019) Impact of crop diversification on change in cropping pattern: A study of Kullu district in Himachal Pradesh. In: Proceeding of ICSSR sponsored seminar on agriculture diversification and vulnerability of climate change for sustainable food security and livelihoods in North-Western Himalayas, Department of Economics, Akal College of Economics, Commerce and Management, Eternal University Baru Sahib, pp 62-69
13. Raino, Kumari Neelam(2018) Women Empowerment in India. Eureka Publication, PP110-115
14. Singh Simranjit. 1960 ਤੋਂ ਬਾਅਦ ਦੀ ਪੰਜਾਬੀ ਰਿਕਾਰਡਿਡ ਗੀਤਕਾਰੀ : ਕੀਖੱਟਿਆ ਕੀ ਗਵਾਇਆ in a book titled ਕਾਵਿਚਿੰਤਨ ਤੇ ਵਿਹਾਰ, Dr. Shalu Kaur (Editor), M.P. Parkashan, Delhi, 2018 (Page 100-118, ISBN: 81-8138-068-1)

15. Kaur Rajwinder. (2019), ਸਭਿਆਚਾਰ ਖੜੋਤ ਅਤੇ ਪਰਿਵਰਤਨ in a book titled ਪੰਜਾਬੀ ਲੋਕਧਾਰਾ ਤੇ ਸਭਿਆਚਾਰ ਦੇ ਵਿਲੱਖਣ ਪੱਖ, Gulbahar Singh (Editor), Ravi Sahit Parkashan, Amritsar, 2019 (Page 14-21), ISBN: 978-81-939780-6-1
16. Yadav AN, (2019) Fungal White Biotechnology: Conclusion and Future Prospects. In: Yadav AN, Mishra S, Singh S, Gupta A (eds) *Recent Advancement in White Biotechnology through Fungi. Vol-3: Volume 3: Perspective for Sustainable Environments*. Springer-Nature, Springer International Publishing AG, Cham, Switzerland
17. Yadav AN, Kour D, Rana KL, Yadav N, Rastegari AA, Singh B, Chauhan VS, Hesham AE-L, Gupta VK (2019). Metabolic Engineering to Synthetic Biology of Secondary Metabolites Production. In: Gupta VK et al. (eds) *New and Future Developments in Microbial Biotechnology and Bioengineering. Microbial Secondary Metabolites Biochemistry and Applications*. Amsterdam, Netherlands, Elsevier, pp 279-320, Doi:10.1016/B978-0-444-63504-4.00020-7 [ISBN: 9780444635044; Elsevier, USA].
18. Yadav AN, Kour D, Yadav N, Sachan SG, Sayyed RZ, Saxena AK (2019). Psychrotrophic Microbes: Biodiversity, Mechanisms of Adaptation and Biotechnological Implications for Cold Stress in Plant. In: *Rhizobacteria- abiotic stress management* (eds Sayyed et al.), Springer, India
19. Yadav AN, Yadav N, Kour D, Kumar A, Yadav K, Kumar A, Rastegari AA, Sachan SG, Singh B, Chauhan VS, Saxena AK (2019). Bacterial Community Composition in Lakes. In: Bandh SA (eds) *Freshwater Microbiology: Perspectives of Bacterial dynamics in Lake Ecosystems*. Elsevier, USA pp 1-75
20. Rastegari AA, Yadav AN, Yadav N, Sarshari NT (2019) Bioengineering of Secondary Metabolites. In: Gupta VK et al. (eds) *New and Future Developments in Microbial Biotechnology and Bioengineering. Microbial Secondary Metabolites Biochemistry and Applications*. Amsterdam, Netherlands, Elsevier, pp 55-68, Doi:10.1016/B978-0-444-63504-4.00004-9 [ISBN: 9780444635044; Elsevier, USA].
21. Rastegari AA, Yadav AN, Yadav N (2019) Genetic Manipulation of Secondary Metabolites Producers. In: Gupta VK et al. (eds) *New and Future Developments in*

Microbial Biotechnology and Bioengineering. Microbial Secondary Metabolites Biochemistry and Applications. Amsterdam, Netherlands, Elsevier, pp 13-29, Doi: 10.1016/B978-0-444-63504-4.00002-5, [ISBN: 9780444635044; Elsevier, USA].

22. Kour D, Rana KL, Kumar A, Rastegari AA, Yadav N, Yadav AN (2019). Extremophiles for Hydrolytic Enzymes productions: Biodiversity and Potential Biotechnological Applications. *In: Gupta VK, Molina G and Singh BN (eds) Bioprocessing for Food Ingredients Production.* [ISBN: 978-1-119-43432-0] Wiley & Sons, USA.
23. Kumar M, Yadav AN, Saxena R, Rai PK, Jyoti A, Tomar RS (2019) Genetic Diversity of Methylophilic Yeast and Their Impact on the Environment. *In: Yadav AN, Mishra S, Singh S, Gupta A (eds) Recent Advancement in White Biotechnology through Fungi. Vol-3:Volume 3: Perspective for Sustainable Environments.* Springer-Nature, Springer International Publishing AG, Cham, Switzerland
24. Kumar A, Chaturvedi AK, Arunkumar KP, Malyan SK, Kumar R, Kour D, Yadav AN, (2019) Fungal-Phytoremediation of heavy metal contaminated resources: Current Scenario and Future Prospects. *In: Yadav AN, Mishra S, Singh S, Gupta A (eds) Recent Advancement in White Biotechnology through Fungi. Vol-3:Volume 3: Perspective for Sustainable Environments.* Springer-Nature, Springer International Publishing AG, Cham, Switzerland
25. Malyan SK, Kumar A, Baram S, Kumar J, Singh S, Kumar SS, Yadav AN (2019) Role of Fungi in Climate Change Abatement Through Carbon Sequestration. *In: Yadav AN, Mishra S, Singh S, Gupta A (eds) Recent Advancement in White Biotechnology through Fungi. Vol-3:Volume 3: Perspective for Sustainable Environments.* Springer-Nature, Springer International Publishing AG, Cham, Switzerland
26. Kumar S, Sharma S, Thakur S, Negi P, Mishra T, Mishra S, Yadav N, Yadav AN, (2019). Bioprospecting of microbes for bio-hydrogen production: current status and future challenges. *In: Gupta VK, Molina G and Singh BN (eds) Bioprocessing for Food Ingredients Production.* [ISBN: 978-1-119-43432-0] Wiley & Sons, USA.

- 27.** Kour D, Yadav AN, Yadav N, Kumar V, Kumar A, Sayyed RZ, Hesham AE-L, Dhaliwal HS, Saxena AK (2019). Drought Tolerant Phosphorus Solubilizing Microbes: Biodiversity and Biotechnological Applications for Alleviation of Drought Stress in plants. *In: Rhizobacteria- abiotic stress management* (eds Sayyed et al.), Springer, India
- 28.** Kour D, Rana KL, Yadav AN, Kumar V, Kumar A, Saxena AK (2019). Rhizospheric microbiomes: Biodiversity, Mechanisms of plant growth promotion and agricultural application under diverse abiotic stress conditions. In Kumar et al (eds), *Plant Growth Promoting Rhizobacteria for agricultural Sustainability: From Theory to Practices*. Springer-Verlag Berlin Heidelberg. pp 19-65
- 29.** Rana KL, Kour D, Yadav AN, Yadav N, Saxena AK (2019). Agriculturally Important Microbial Biofilms: Biodiversity, Ecological Significances and Biotechnological Applications. In: Singh BP and Yadav M (eds) *New and Future Developments in Microbial Biotechnology and Bioengineering. Microbial Biofilms: Current Research and Future trends*. Elsevier, USA
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- 31.** Rana KL, Kour D, Yadav N, Yadav AN (2019). Endophytic Microbes in Nanotechnology: Current Development, and Potential Biotechnology Applications. In: Kumar A, Singh VK (eds) *Microbial Endophytes: Prospects for Sustainable Agriculture*. Elsevier, USA
- 32.** Rana KL, Kour D, Sheikh I, Yadav N, Yadav AN, Kumar V, Singh BP, Suman A, Saxena AK (2019). Biodiversity of endophytic fungi from diverse niches and their biotechnological applications. In Singh et al (eds), *Advances in Endophytic Fungal Research*. Springer Nature, Switzerland. Doi: 10.1007/978-3-030-03589-1_6
- 33.** Rana KL, Kour D, Yadav N, Sheikh I, Dhiman A, Yadav N, Yadav AN, Rastegari AA, Singh K, Saxena AK (2019). Endophytic Fungi: Biodiversity, Ecological Significances and Potential Industrial Applications. *In: Yadav AN, Mishra S, Singh S, Gupta A (eds) Recent*

Advancement in White Biotechnology through Fungi. Vol-1: Diversity and Enzymes Perspectives. Springer-Nature, Springer International Publishing AG, Cham, Switzerland

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- 35.** Kour D, Rana KL, Yadav AN, (2019). Agriculturally and industrially important fungi: Potentials biotechnological applications for value-added product and sustainable environments In: Yadav AN, Mishra S, Singh S, Gupta A (eds) *Recent Advancement in White Biotechnology through Fungi. Vol-2: Perspective for Value-Added Products and Environments.* Springer-Nature, Springer International Publishing AG, Cham, Switzerland
- 36.** Kour D, Rana KL, Thakur S, Sharma S, Yadav N, Yadav AN, Saxena AK (2019). Disruption of protease genes in microbes for production of heterologous proteins In: Singh HB, Gupta VK, Jogaiah S (eds) *New and Future Developments in Microbial Biotechnology and Bioengineering-Microbial Genes Biochemistry and Applications.* Elsevier, Amsterdam, pp 35-75, doi:10.1016/B978-0-444-63503-7.00003-6 [ISBN: 9780444635037;]
- 37.** Kour D, Rana KL, Singh C, Negi P, Yadav N, Yadav AN, Rastagari AA, Singh K, Saxena AK (2019). Technologies for Biofuel Production: Current Development, Challenges, and future prospects. In: Rastegari AA, Yadav AN, Gupta A (Eds) *Prospects of Renewable Bioprocessing in Future Energy Systems.* Springer International Publishing AG, Gewerbestrasse 11, 6330 Cham, Switzerland

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2. Sharma V (2019) Himalayan Plants Health and Healing Culture in Folk Tradition: An Ethnobotany of Lahaul & Spiti (Himachal Pradesh). R.P. Publication, Delhi (India). ISBN: 978-93-82398-87-5
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6. Raino(2019) A Study of Academic Achievement in Relation to Self-Concept of Senior Secondary School Students(7): 933-939
7. Kumar Kulbhushan: Effective Communication Skills, Khanna Publishers, New Delhi (2018).
8. Singh Simranjit. (2018), ਹਾਇਕੂ: ਲਿਸ਼ਕਾਂਤੋਰਮਜ਼ਾਂ (Criticism), Unistar International Publications Chandigarh, 2018, ISBN: 978-93-5204-487-0
9. Kaur Rajwinder. (2018), ਪੰਜਾਬੀਲੋਕਜੀਵਨਵਿਚਆਹਰ-ਪਾਹਰ (ਲੋਕਧਾਰਾਈਸਰਵੇਖਣਅਤੇਵਿਸ਼ਲੇਸ਼ਣ), Unistar International Publications Chandigarh, 2018, ISBN: 978-93-5204-764-2
10. Yadav AN, Mishra S, Singh S, Gupta A (2019). Recent Advancement in White Biotechnology through Fungi. Volume 1: Diversity and Enzymes Perspectives, ISBN: 978-3-030-10480-1, Springer International Publishing, Springer-Nature, Switzerland
11. Yadav AN, Singh S, Mishra S, Gupta A (2019). Recent Advancement in White Biotechnology through Fungi. Volume 2: Perspective for Value-Added Product and

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