

Avinashilingam Institute for Home Science and Higher Education for Women

(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)

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Coimbatore - 641 043, Tamil Nadu, India

DEPARTMENT OF BIOCHEMISTRY, BIOTECHNOLOGY AND BIOINFORMATICS

List of Book Chapters published by Faculty 2015-2021

S.No	Name of the staff /Title of the Chapter	Name of the Book	Name of the Publisher	National / International	ISBN/ISSN No.	Year of Publication
1	S.Sumathi, K.Santhiya and J.Sivaprabha /Chemoresistance in female - specific cancers and the associated anti - resistance therapies	A thernostic and precision medicine approach for female-specific cancers	Academic Press, London	National	ISBN:978-012-822009-2 and pages 49-62	2021
2	T TDhivyaprabha, P Subashini, M Krishnaveni, N Santhi, Ramesh Sivanpillai, G Jayashree/ An intelligent estimation model for water quality parameters assessment at Periyakulam Lake, South India	Intelligent Environmental Data Monitoring for Pollution Management	Elsevier Science	International	Paperback ISBN: 9780128196717 eBook ISBN: 9780128199244; Pp:161-193	2020
3	Sumathi S, Akshaya R and Padma R /Exploitation of Cryptococcus Neoformans isolated from cow dung in bioremediation of medical waste	A primer on Earth Pollution: Pollution Types and Disposal	Bentham Science Publishers Ltd., Singapore	International	ISBN 978 981 14 76556 (Online); 978 981 14 76532 (Print); 978 981 14 76549 (paperback); pp146-160	2020

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4	Sumathi S /The microbial rescue of the environment from Biomedical waste	Microbial biodiversity	Cambridge Scholars Publishing	National	1 – 5275-4818	2020
5	Sumathi S and Santhiya K /Prospects and impact of cultured meat in climate change and environmental pollution	Scientific aids for sustainable business	Mahi Publication, Gujarat	National	978 – 93 – 89339 – 37 – 6	2020
6	Sudha Devi, M./ Thermal Pollution and Water Pollution	A Primer on Earth Pollution: Pollution Types and Disposal	Bentham Science Publishers Ltd., Singapore	International	ISBN 978 981 14 76556 (Online); 978 981 14 76532 (Print); 978 981 14 76549 (paperback); pp 33-44; 97-113	2020
7	R. Radha, Kalaiselvi Senthil, Vallikannu K and Lincy P /Comparative study of supplementation of RTE flakes with and without aerobic dance exercise on obesity management among selected college going girls	Customized and personalized dietetics	33rd Biennial Conference of HSAI - Trends of futuristic development in home science - Research and Innovation	National	ISBN: 9789385604157 and Page no: 157-163	2020
8	R Radha, S. Kalaiselvi, P. Lincy and K. Vallikkannu / Development of health and wellness software to create awareness for healthy living.	Technology in Health Care and Dietetics	Mahi Publication, Gujarat	National	ISBN: 978-81-940137-6-1; Pp:102-107	2019

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9	R Radha, S. Kalaiselvi, P.Lincy and K. Vallikkannu / Influence of behavioural lifestyle activities on Body Mass Index	Technology in Health Care and Dietetics	Mahi Publication, Gujarat	National	ISBN: 978-81-940137-6-1; Pp:102-108	2019
10	R.Nirmaladevi, A. Sankaranarayanan, N. Amaresan, D. Dhanasekaran	Therapeutic Uses of Fermented Food products	Fermented Food Products CRC Press, Taylor and Francis Group	National	ISBN 9780367224226; pp: 385 - 402	2019