

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 2015-2022

S.No.	Name of the staff /Title of the paper	Name of the Book	Name of the Publisher	National / International	ISBN/ISSN No.	Year of Publication
1.	Lakshmanan Krishnavignesh and Manickam Sudha Devi / DNA Vaccines – Progress and Updates	Synthetic Microbial Research-Challenges and Prospects	Darshan Publishers, Namakkal, Tamil Nadu	International	978-81-947071-0-3	2022
2.	Prasanna R Kovath and Angayarkanni. T / The 3Rs of managing solid waste: reduce, reuse and recycle	Synthetic Microbial Research-Challenges and Prospects	Darshan Publishers, Namakkal, Tamil Nadu	International	978-81-947071-0-3	2022
3.	Angayarkanni. T and Prasanna R Kovath / Probiotics and Its application	Synthetic Microbial Research-Challenges and Prospects	Darshan Publishers, Namakkal, Tamil Nadu	International	978-81-947071-0-3	2022
4.	Velvizhi, S., and Yamuna, S.T. / Therapeutic approaches for the management of polycystic ovarian syndrome	Synthetic Microbial Research-Challenges and Prospects	Darshan Publishers, Namakkal, Tamil Nadu	International	978-81-947071-0-3	2022

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5.	Yamuna, S.T. and Velvizhi, S. / Role of Medicinal Plants in developing biocompatible therapeutics for multidrug resistant (MDR) pathogens	Synthetic Microbial Research- Challenges and Prospects	Darshan Publishers, Namakkal, Tamil Nadu	International	978-81-947071-0-3	2022
6.	S.Sumathi, K.Santhiya and J.Sivaprabha/ Chemoresistance in female - specific cancers and the associated anti - resistance therapies	A theranostic and precision medicine approach for female- specific cancers	Academic press, London	National	ISBN:978-012-822009-2 and pages 49 -62	2021
7.	T T Dhivyaprabha, 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
8.	Sumathi S, Akshaya R and Padma R /Exploitation of <i>Cryptococcus Neoformans</i> 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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9.	Sumathi S /The microbial rescue of the environment from Biomedical waste	Microbial biodiversity	Cambridge Scholars Publishing	National	1 – 5275-4818	2020
10.	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
11.	T.Angayarkanni	Critical Review in Clinical Biochemistry - First Edition	Shanlax Publications, Madurai	National	ISBN: 978-93-90082-96-4	2020
12.	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)	2020
13.	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

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14.	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
15.	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
16.	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

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S.No.	Name of the authors	Title of the Book	Publisher	Year	No. of Pages	ISBN No.
1	Shivangi Mathur, Ruby Patel and R. Nirmaladevi	Immunology	Nerovprakashan CBCS based Syllabus of Gujarath University	2019	107	9788194165798
2	Biswaranjan Paital and Ramalingam Nirmaladevi	Cross talk between cancer and aging via common miRNAs- Targeting miRNA in cancer and aging	Lambart Academic Publisher, Scriptum Omni Publishing group	2018	80	9786139940059