



## 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

# Books/Book Chapters and Publications in the Conference Proceedings during the year 2020-2021

Title of the Book/Book Chapter/Full Paper Published in Conference Proceedings with ISBN	Author	Department	Year of Publication	Name of the Publisher
<b>Soft computing for security applications</b>	Sumitha pandit & B.Kalpana	Computer Science	2021	Springer
<b>Evaluating the Impact of Developmental Programme</b>	S. Rajalakshmi & Meghna Kashyap	Home Science Extension and Education	2021	LAMBERT Academic Publishing
<b>Development and well-being across the life span</b>	N.Vasugi, K.Arockia Maraichelvi and Ramya Bhaskar	Human Development	2020	Shangha
<b>Handbook of Nanomaterials and Nanocomposites for Energy and Environmental Applications</b>	Aravin Prince Periyasamy, Jiri Militky, Aishwariya Sachidhanandham and Gopalakrishnan Duraisamy	Textiles and Clothing	2021	Springer Nature Switzerland
<b>Health, Hygiene, Sanitation and Environment at Pandemic Times</b>	U.Ratna & R.Sunitha	Textiles and Clothing	2021	Immortal Publications, Canada.

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<b>Contribution of Physical, Chemical &amp; Biological Sciences in the Current Pandemic: Prevention &amp; Control</b>	S.Amsamani	Textiles and Clothing	2021	Nitya Publications, Bhopal
<b>A Primer on Earth Pollution: Pollution Types and Disposal</b>	M. Sudha Devi	Psychology	2021	Bentham Science Publishers Ltd., Singapore
<b><i>Syzygium Cumini</i>: An Overview of Traditional and Therapeutic Uses</b>	K.S. Santhy	Zoology	2021	Association of Global Academicians and Researchers, Tamil Nadu,
<b>New trends in Entomopathogenic Nematodes Mass Production and Application Technology</b>	P. Chitra	Zoology	2021	Association of Global Academicians and Researchers, TN
<b>The Greater Wax Moth <i>Galleria Mellonella</i>: Biology and use in Immune Studies</b>	P. Chitra	Zoology	2021	Association of Global Academician and Researchers, Publications, TN
<b>The Loss of Smell and taste in the Covid-19 Patient's a Review-</b>	P. Chitra	Zoology	2021	JPS Scientific publications, India
<b>Impact of COVID- 19 Pandemic on the Socio-Economic Status of the Fishery Sector-Recent Trends in Applied Sciences and Computing Engineering,</b>	Karthika P	Zoology	2021	Association of Global Academician and Researchers Publications, India
<b>Silkworm Rearing and Silk Reeling, Introduction to Sericulture Technology</b>	Karthika P	Zoology	2021	Association of Global Academician and Researchers Publications, India.
<b>Frontiers in Life Science</b>	M. Poonkothai	Zoology	2021	N.B. Publications, Ghaziabad, India
<b>E-learning in 21<sup>st</sup> Century Problems &amp; Remedies</b>	M. Poonkothai	Zoology	2021	Authors press

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<b>Ethnobotany and Biochemistry of Medicinal Plants</b>	M. Poonkothai	Zoology	2021	Bhumi Publications, Maharashtra, India
<b>Ethnobotany and Biochemistry of Medicinal Plants</b>	M. Poonkothai	Zoology	2021	Notion Press, India, Singapore, Malaysia
<b>A review on production of Eco Enzyme and its Applications Recent Trends in Applied Sciences and Computing Engineering -A multidisciplinary Approach</b>	M. Poonkothai	Zoology	2021	Academician and Researchers Publications, India
<b>Synthesis of Silver Nanoparticles an Overview Recent Trends in Applied Sciences and Computing Engineering – A Multidisciplinary Approach</b>	M. Poonkothai	Zoology	2021	Association of Global Academician and Researchers Publications, India
<b>E-waste Management &amp; Procurement of Environment</b>	M. Poonkothai	Zoology	2021	Notion Press, India, Singapore, Malaysia
<b>Algorithm for Intelligent Systems</b>	R.Vijayabhanu	Computer Science	2021	Springer, Singapore.
<b>Fundamentals of Python Programming Using Colab</b>	R. Vijayabhanu & N.Valliammal	Computer Science	2021	Bonfring Publishers
<b>Biomedical Engineering: Techniques and Applications Series. Handbook of artificial intelligence in biomedical engineering/Semantic Annotation of Healthcare Data</b>	B. Sarojini	Computer Science	2021	Apple Academic Press
<b>Improved Noise Filtering Technique for Wake Detection in SAR Image Under Rough Sea Condition.</b>	M. Krishnaveni & P.Subashini	Computer Science	2021	IEEE
<b>Prototype Experiments for Beginners</b>	M. Krishnaveni	Computer Science	2021	Notion Press, Chennai

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<b>Artificial Intelligence Theory, Models, and Applications" Artificial Intelligence-Based Assistive Technology</b>	M. Krishnaveni & P. Subashini	Computer Science	2021	CRC Press
<b>Specular Reflection Detection on Medical Images- A Review</b>	P. Subashini	Computer Science	2021	IEEE
<b>Prototype Experiments for Beginners</b>	P.Subashini	Computer Science	2021	Notion Press,Chennai
<b>Smart Innovation, System and Technologies "Networking, Intelligent Systems and Security" -Editor</b>	P.Subashini	Computer Science	2021	Springer
<b>Fundamentals of Python Programming Using Colab</b>		Computer Science	2021	Bonfring Publishers
<b>Black Feminism: Voice of Resilience, Assertion and Identity</b>	S. Kalamani	English	2021	Upanayan Publications
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<b>COVID – 19 Pandemic and Global Resurgence</b>	M.Shanthi	Economic	2021	Asian Press books, Kolkata
<b>Handbook of Research on Applied Social Psychology in Multiculturalism</b>	N.V. Amudha Devi	Psychology	2021	IGI Global
<b>An Innovative Printed Electronics Hoarding for Advertisers</b>	N.Alagusundari and Lakshmi Priya	TKS Printing Technology	2021	Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore
<b>Value Education</b>	S.Nagasudha & M.R.Thilakam	Interior Design and Resource Management	2020	Virudhunagar Hindu Nadar Senthilkumara College, Tamil Nadu
<b>Emerging Issues in Indian Education</b>	Karthika P	Zoology	2020	AIB Saliha Publications,
<b>Research Methodology</b>	V. Gayathri	Psychology	2020	AkiNik Publications, New Delhi

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<b>Microbes for Clean and Green Environment, First Edition</b>	M. Poonkothai	Zoology	2020	JPS Scientific Publications, India
<b>Secondary Metabolites of Medicinal Herbs (Biochemistry and Therapeutics)</b>	M. Poonkothai	Zoology	2020	JPS Scientific Publications, India
<b>Principles in Developmental Biology and Immunology, First Edition</b>	M. Poonkothai	Zoology	2020	AIB Saliha Publications, Tamil Nadu, India
<b>Introduction to Sericulture Technology, First Edition</b>	M. Poonkothai	Zoology	2020	Discovery Publishing House Pvt. Ltd., New Delhi, India
<b>Agriculture and Forestry: Current Trends, Perspectives, Issues – II</b>	M. Poonkothai	Zoology	2020	Immortal Publications, Andhra Pradesh.
<b>Physical Chemistry Experiments for Undergraduate Students</b>	R.Rajalakshmi, N.Renugadevi, Shubashini K Sripathi, R.Saratha,P.Lalitha	Chemistry	2020	The Notion Press
<b>New - fangled 2D Boron Sheets- Niche Applications</b>	P.Lalitha & P.Aruna	Chemistry	2020	The Notion Press
<b>Quadruple Neutrosophic Theory And Applications</b>	Akalyadevi K, Antony Crispin Sweety C.,Sudamani Ramaswamy A. R.	Mathematics	2020	Pons Editions
<b>Data Intelligence and Cognitive Informatics</b>	N Krishnaveni	Computer Science	2020	Springer
<b>Digital Humanities in Literature</b>	Sreeja Balakrishnan	English	2020	Emerald Publishers.
<b>Climate Change and Water Resource in India</b>	C.Parvathi	Economics	2020	Archers & Elevators Publishing House Bangalore
<b>Agriculture Sector and ICT</b>	C.Parvathi	Economics	2020	Archers & Elevators publishing House, Bangalore

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<b>Business Management Practices Emerging Trends</b>	V.Vimala	Commerce	2020	Archers and Elevators Publishing House, Bangalore
<b>Emerging Technologies in Data Mining and Information Security</b>	TKS Lakshmi Priya	Printing Technology	2020	Springer
<b>I am your Android – Simple Concepts</b>	M.Krishnaveni & P.Subashini	Computer Science	2020	Notion Press,Chennai
<b>I am your Android – Advance Concepts</b>	M.Krishnaveni & P.Subashini	Computer Science	2020	Notion Press,Chennai
<b>Nature Inspired Computing (NIC): Research and its Applications</b>	M.Krishnaveni & P.Subashini	Computer Science	2020	Notion Press,Chennai
<b>Intelligent Environmental Data Monitoring for Pollution Management "An Intelligent Estimation Model for Water Quality Parameters Assessment at Periyakulam lake"</b>	M.Krishnaveni & P.Subashini	Computer Science	2020	Academic Press