



# NEHRU ARTS AND SCIENCE COLLEGE

(AUTONOMOUS)

(Affiliated to Bharathiar University Accredited with "A" Grade by NAAC)  
Nehru Gardens, Thirumalayampalayam, Coimbatore - 641 105, Tamil Nadu.  
www.nehrucolleges.net



## CRITERION III

### 3.4.4 Book Chapters Published during 2022 - 2023

S. No	Name of the Teacher	Title of the Book	Title of the Book Chapter	Name of the Publisher	ISBN	Link of the Book Chapter
1.	Dr. T. Ramaprabha, Dr. P. K. Manoj kumar	Green IOT: Sustainable Design and E-Commerce Technologies	Detecting and Preventing intrusions in the Network Data using Cryptographic Approaches	AN Publications	97881955855687	<a href="#">📎</a>
2.	Dr. T. Ramaprabha		Role of Next Generation Internet and Green Internet of Things (GIoT) in Smart Computing	AN Publications	97881955855687	<a href="#">📎</a>
3.	Dr. P. Nathiya	Human Rights of Marginalized Groups : Global Intervention Strategies	Child Rights during pandemic	HSRA Publications	9789355062307	<a href="#">📎</a>
4.	Dr. A. Kovalan, Dr. T. Ramaprabha	Historical Approaches of Rituals and Customs in Nagaland and Tamil Nadu States	Historical Approaches of Educational Rituals and Customs in Nagaland and Tamil Nadu States	Vertex Research and Technology	9788195710386	<a href="#">📎</a>
5.	Dr. T. Ramaprabha, Dr. V. Kavitha		Emotion Detection in Sentiment Analysis using Machine Learning Methods	Vertex Research and Technology	9788195710386	<a href="#">📎</a>
6.	Dr. P. Nathiya, Mrs. T. D. Lidya	Gender Equality A Step Towards Women Empowerment	Emotional Maturity among Acid Attack or Burnt Survivors	Euro World Publications	9789394460058	<a href="#">📎</a>
7.	Dr. T. Ramaprabha	Advanced Researches in Data Science and E-Commerce Technologies	Blockchain Analytics in Banking Database	AN Publications	9788195957972	<a href="#">📎</a>
8.	Dr. T. Ramaprabha Dr. D. Suriya Prabha		Consumer behaviour models used in Big data Analytics	AN Publications	9788295957972	<a href="#">📎</a>
9.	N. Anjutha Prabha, Dheeba	Multidisciplinary Approach in Research	Investigation of structural textual, optical and ferro magnetic properties of Noval nano particles	Red shine publications	97891988220744	<a href="#">📎</a>
10.	Dr. PK. Manoj kumar	"Handbook of research in Big data Analytics, Artificial intelligence and	A new proposed cascade deep planning, Based quantization method	AETS Global	9789357829205	<a href="#">📎</a>



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		Machine learning"				
11.	Mr. M. Senthil kumar	"Handbook of research in Big data Analytics, Artificial intelligence and Machine learning"	Designing of MIMO-OFDM for WIMAX wireless communication	AETS Global	978 935782 9205	
12.	Dr. N. Kavitha, Dr. A. Kovalan	"Handbook of research in Big data Analytics, Artificial intelligence and Machine learning"	An improved mechanism for blocking of spam mail using K-Means Clustering algorithm	AETS Global	978 935782 9205	
13.	Ms. S. Kowsalya	"Handbook of research in Big data Analytics, Artificial intelligence and Machine learning"	An improved system for heart disease prediction using artificial neural networks	AETS Global	978 935782 9205	
14.	Dr. D. Vimalkumar	"Handbook of research in Big data Analytics, Artificial intelligence and Machine learning"	Analysis of Computer Information Security Management	AETS Global	978 935782 9205	
15.	Dr. S. Saraswathy	"Handbook of research in Big data Analytics, Artificial intelligence and Machine learning"	IOT based productivity monitoring and control system for textile industry	AETS Global	978 935782 9205	
16.	Dr. D. Vimalkumar Dr. N. Saranya	"Handbook of research in Big data Analytics, Artificial intelligence and Machine learning"	Self-Adaptive Learning based Autonomous Test Framework to Improve Physical Fitness	AETS Global	978 935782 9205	



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17.	Ms. R. Anitha	“Handbook of research in Big data Analytics, Artificial intelligence and Machine learning”	A study of vehicle rooting problem	AETS Global	978 935782 9205	
18.	Dr. M. Thangavel	Biopolymers from Marine Prokaryotes	Bacterial Bio film and exo poly saccharides	Springer Nature Singapore Pte Ltd.	978 935782 9205	
19.	Dr. Rithu Thirupheru	Emerging Technology in Applied and Environmental Micro Biology	Enhanced bio remediation of arsenic-contaminated ground water using factorial bio sorption, sequestration and Phytoremediation techniques	Elsevier	97-8-032399 865-600010	
20.	Dr. T. Ramaprabha	Digital transformation using Emerging Technologies.	The effect of Digital Transformation in Emerging Technologies	AN Publications	978 81 960885 -8-3	
21.	Dr. T. Ramaprabha		Extended Reality in Human Computer Interaction with Digital Transformation	AN Publications	978 81 960885 -8-3	
22.	Dr. T. Ramaprabha		Impacts of Digitalization in Mobile computing: Characteristics, Applications and Issues.	AN Publications	978 81 960885 -8-3	
23.	Gowri K	Challenges And Problems Faced by Women Entrepreneur	Impact of post-Covid-19 on Microfinance Sustainable Development of MSMES owned by Women Entrepreneurs with special reference to Coimbatore District.	Sankara College for Science and Commerce,	978-93-5701-450-2	
24.	G. Kowsalya		A Study on Problems faced by Rural Women Entrepreneurs in Coimbatore District	Sankara College for Science and Commerce,	978-93-5701-450-2	
25.	Gowri K	E- Commerce Management	A Study on the Application of E-Commerce in Indian Service Sector – Its Prospects and Problems	Innovation Online Training Academy (IOTA) Publishers	978-93-93622-18-1	



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26.	Gowri K	Emerging Trends and Innovations in Business, Commerce and Management for Sustainable Entrepreneurship	Utilization Pattern of Kisan Credit among the Farmers with Special Reference to Coimbatore District I	Rajapalayam Rajus' College	978-93-5737-352-4	
27.	Gowri K	Holistic Education in present Scenario	Holistic Implementation of NEP 2020	Shanlax Publications, Madurai	978-93-95422-98-7	
28.	Gowri K	“Co-creation model of learning, teaching & curriculum –staff & students as partners towards national educational policy 2022”	Perspective of e-learning through pedagogy enhancement with special reference to features of e-learning tools and technologies	Shanlax Publications, Madurai	978-93-94004-17-7	
29.	Gowri K	Recent Trend in Engineering and Management	Work-Life Balance among Women Entrepreneurs	Tech Press, New Delhi	978-93-91697-03-7	
30.	Gowri K	Role Of Women Empowerment In Achieving SGDS In India	Impact of Microfinance in small and medium enterprises in Pollachi	JSR Publishing house	978-93-94336-22-3	
31.	Gowri K	Sustainable Development in Innovative and Quality Education	Social reform movements of India	Integrity Media New Delhi-London	978-9393636-232	
32.	Chandrapushpam T	Lecture notes in Mechanical Engineering	Impact of radiation on flow of copper water Nano fluid squeezed between parallel plate filled with darcy porous medium	Springer	978-981-19-1928-2	
33.	Jaisri, Dr. S. Balaji	Innovation of Multidisciplinary Research in Present and Future Time	Impacts Of Globalization For Women's Business In Covid 19	The Hill Publication	978-81-96-2702-23	
34.	Jayapriya. S	Innovation of Multidisciplinary Research in	The National Education Policy 2020: Transforming Curriculum and Pedagogy	The Hill Publication	978-81-96-2702-23	



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		Present and Future Time				
35.	Dr. P. Nathiya,	A Study on Psychological, Behavioural and Personal Problems of Latchkey Children	Problem faced by children, Impact, Prevention and Mitigation	Integrity Media – The Publisher	978-9393636-256	
36.	Dr. Pradeep	Impact of COVID - 19 On Media and Entertainment	Influence of social media networks during the covid - 19 pandemic	Bestow edutrex international	978-93-90153-02-2	
37.	Dr. Pradeep	Impact of COVID - 19 On Media and Entertainment	Impact Of OTT Among Youth in The COVID Outbreak	Bestow edutrex international	978-93-90153-02-2	
	Dr. Paul T Benzikar					
	Dr. Micheal Solomon L					
38.	Dr. N. Saranya	Biodiversity & Conservative Research	Climate change Mitigation contributions from Mongrove Conservation and Restoration in Indonesia	AkiNik Publications, New Delhi	978-93-64710-23-2	
39.	Gowri K	Impact of digital learning in education sector : a pandemic perspective	Education through ICT initiatives during the pandemic in India	Shanlax Publications, Madurai	978-93-94004-09-2	
40.	R. Maha devi	Challenges And Problems Faced by Women Entrepreneur in Indian Society After Covid-19 Pandemic	Work Life Balance and Socio-Economic Analysis of women Entrepreneur's post Covid-19 with special reference to Coimbatore City	Sankara College for Science and Commerce	978-93-5701-450-2	