

A.V.C. COLLEGE OF ENGINEERING

Mannampandal, Mayiladuthurai



**Book /Book Chapter
Publications**

2018-23

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/international conference proceedings per teacher during last five years:

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the Chapter	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher
Academic Year(2022-23)							
1	B.S.Sathishkumar	Parallel, Distributed Model Checking of Composite Web Services with Integrated Choreography and Orchestration	Machine Learning and Mechanics Based Soft Computing Applications	28-Feb-23	978-981-19-6450-3 8	AVCCE	Springer, Singapore
2	B.S.Sathishkumar	Proficient Reconstruction Algorithms for Low-Dose X-Ray Tomography	Hybrid Machine Intelligence for Medical Image Analysis	Aug-1	978-981-13-8929-0	AVCCE	Springer, Singapore
3	Dr.RS.SenthilRajan	Fiber Reinforced Polymeric Materials and Sustainable Structures	Free Vibration, Mechanical and Damping Properties of Woven Jute FRP Composites with the Effect of Stacking Arrangements	2023	978-981-19-8981-0	AVCCE	Springerlink
4	B.S.Sathishkumar	Electronic Devices and Circuits	-	Aug-22	978-93-84634-57-5	AVCCE	A.R.Publications
5	B.S.Sathishkumar	Digital Signal Processing	-	Oct-22	978-93-87255-56-2	AVCCE	A.R.Publications
6	B.S.Sathishkumar	Digital Principles and Computer Organization	-	Oct-22	978-93-87255-56-2	AVCCE	A.R.Publications
7	Dr.C.JayaSri	Communication Systems	-	Jan.2023	978-93-84634-63-6	AVCCE	A.R.S. Publications
8	Dr.N.Dhanasekar	Measurements and Instrumentation	-	Jan.23	978-93-84634-85-8	AVCCE	A.R.S. Publications

9	Dr.N.Dhanasekar & Dr.M.Latha	Electrical Machines-II	-	Jan.23	978-93- 84608-41-5	AVCCE	A.R.S. Publications
10	Dr.C.Ravikumar	Control Systems	-	August' 2022	978-93- 84608-03-3	AVCCE	A.R.S. Publications
11	Dr.K.Krishnakumari	Compiler design	-	2023	97893800000 00	AVCCE	A.R.S Pubications
12	Dr.R.Sudha	Introduction to Operating Systems	-	2023	978-93- 87255-55-5	AVCCE	A.R.S Pubications
Academic Year(2021-22)							
13	N.Dhanasekar	Basic Electrical, Electronics and Instrumentation Engineeing	-	May-22	978-93- 87255-02-9	AVCCE	A.R.S. PUBLICATI ONS , chennai
14		Basic Electrical and Electronics Engineeing	-	Apr-22	978-93- 87255-01-2	AVCCE	A.R.S. PUBLICATI ONS , chennai
15		Electrical and Instrumentation Engineering	-	Apr-22	978-93- 87255-03-6	AVCCE	A.R.S. PUBLICATI ONS , chennai
16	R. Renukadevi	Covid-19, Pandemic: Economic, Social and Environmental Issues	Role of Ayushman Bharat For Taking Care of Beneficiaries in Covid-19 Pandemic	2021	978-93- 94779-02-0	AVCCE	SRM institute of Science and Technology,C hennai
17		Recent developments in Business and management	How India public health insurance programme- Ayushman Bharat is navigating the covid-19 crisis	2021	978-93-5593- 287-7	AVCCE	SRM institute of Science and Technology,C hennai

18	Dr.K.Krishnamoorthy	Professional English I	-	2021	978-93-93836-31-1	AVCCE	Maruthi publishers
19		Professional English II	-	2021	978-93-93836-31-1	AVCCE	Maruthi publishers
20	Dr.J.Swaminathan	Engineering Chemistry	-	2022	81-90856782	AVCCE	VK Publisher, Sivakasi
21		Chemistry Laboratory Manual	-	2022	819085678-3	AVCCE	VK Publisher, Sivakasi
22	Dr.C.Swaminathan	Thermal Engineering	-	2021	978-81-920486-1-1	AVCCE	ARS Publications
23	Dr.S.Senthilrajan	Nano materials and Nano Composites	-	2021	978-93-91987-42-8	AVCCE	Jayalakshmi Publications
24	Dr.S.Senthilrajan	Computer Aided Design and Manufacturing	-	2021		AVCCE	Scientific International Publishing House
Academic Year(2020-21)							
25	Mr.A.Vivekanandhan	Programming in C	-	2021		AVCCE	ARS Publications
26	Dr.K.Krishnakumari	Theory of Computation	-	2020	978-93-84608-95-8	AVCCE	ARS Publications
27	Mrs.R.Sudha	Cryptography and Network Security	-	2020	978-93-84608-74-3	AVCCE	ARS Publications
28	N.Dhanasekar	Internet of Things	Unifying Cloud Computing with Internet of things Using Secured Protocol	20-Jun	978-0-367-89387-3	AVCCE	A.R.S. Publications , chennai

29	A.Ragavendiran	Control systems	-	2020	978-93-89840-25-4	AVCCE	Red's Shine Publisher, Gujarat,
30	Dr.V.Padmavathy & Mrs.K.Aruna	Smart cities Policies and Financing	Provide affordable smart infrastructure policy applications for informal sectors	2020	https://doi.org/10.1016/B978-0-12-819130-9.00036-X	AVCCE	ELSEVIER
31	Dr.S.Senthilrajan	Failure of Fibre-Reinforced Polymer Composites	Ageing and Its Influence on Mechanical Properties of Banana/Sisal Hybrid Composites An Experimental and Analytical Approach	2020	9781003128861	AVCCE	CRC Press
Academic Year(2019-20)							
32	K.Krishnakumari	Compiler design	-	2019	978-93-84608-92-7	AVCCE	ARS Publications
33	R.Sudha	Operating System	-	2020	978-93-87255-55-5	AVCCE	ARS Publications
34	R.Sudha	Software Engineering	-	2020	978-93-87255-14-2	AVCCE	ARS Publications
35	Dr.N.Dhanasekar & Mr.K.Arulselvan	Basics of Biomedical Instrumentation	-	Jun-20	978-93-87255-75-3	AVCCE	A.R.S Publications
36	Dr.N.Dhanasekar & Mr.S.Suryapraksh	Power plant Engineering	-	Jun-20	978-93-84634-44-5	AVCCE	A.R.S Publications
37	A.Vivekanandhan, R.Sudha,P.Sirenjeevi	Software Project Management	-	2019	978-93-84608-57-6	AVCCE	ARS Publications
Academic Year(2018-19)							

38	Mrs.S.Aalarmelumangai	Foundation Engineering	-	2018	978-93-87255-07-4.	AVCCE	A.R.S. Publications
39	Dr.S.Balasubramaniyan & Mrs.S.Aalarmelumangai	Design of Reinforced Concrete Elements	-	2018	978-93-87255-04-3	AVCCE	A.R.S. Publications
40	Dr.N.Dhanasekar	Electrical Drives and Controls	-	2018	978-93-87255-45-6	AVCCE	A.R.S. Publications
41	K.Krishnakumari	Data Structures	-	2018	978-93-87255-12-8	AVCCE	ARS Publications
42	Mrs.R.Sudha	Operating System	-	2019	978-9387255-55-5	AVCCE	ARS Publications
43	Mrs.R.Sudha	Software Engineering	-	2019	978-9387255-14-2	AVCCE	ARS Publications
44	Dr.C.Swaminathan	Thermal Engineering -II	-	2018	978-93-87255-50-0	AVCCE	ARS Publications