



NEW HORIZON COLLEGE OF ENGINEERING

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BOOKS PUBLISHED BY FACULTY MEMBERS

Sl. No	Title	Author/s	Author Details		Year of Publication	Dept	Publisher
1	Management and Entrepreneurship	Manjunatha Amit K G			2008	ME	GEMS
2	Casting and Forging Technology	Manjunatha Ramachandran S Ramesh S Prabhakar Kammar			2016	ME	Airwalk Pub, Chennai

3	<u>Professional Ethics in Engineering</u>	Manjunatha Chaitra S	 Dr. Manjunatha Principal		2016	ME	Charulatha Pub, Chennai
4	<u>Principles of Managements</u>	Manjunatha Gopalakrishnan K Ramachandran S	 Dr. Manjunatha Principal	 Gopalakrishnan K Professor and Dean	2016	ME	Airwalk Pub, Chennai
5	<u>Total Quality Management</u>	Manjunatha Gopalakrishnan K Ramachandran S	 Dr. Manjunatha Principal	 Gopalakrishnan K Professor and Dean	2016	ME	Airwalk Pub, Chennai
6	<u>Compendium of R and D Projects</u>	Gopalakrishnan K			2017	R&D	Airwalk Pub, Chennai

			 Gopalakrishnan K Professor and Dean				
7	<u>Manufacturing Technology - II</u>	Ramachandran S Ganesha Prasad M.S Ramesh S	 Dr. Ganesha Prasad M S Professor and Dean		2016	ME	Airwalk Pub, Chennai
8	<u>Design of Transmission System</u>	Ganesha Prasad M S Ramanamurthy E V V Ramachandran S	 Dr. Ganesha Prasad M S Professor and Dean		2016	ME	Airwalk Pub, Chennai
9	<u>Data Warehousing and Data mining</u>	Prashanth CSR Poonkuzhalli C Saravana Kumar C			2015	CSE	Charulatha Pub, Chennai

			 Dr. Prashanth C S R Dean-Academics				
10	<u>Operating System</u>	Prashanth CSR Manjula Devi R Krishnamurthy N Suganthe RC	 Dr. Prashanth C S R Dean-Academics		2016	CSE	Charulatha Pub, Chennai
11	<u>Database Management System</u>	Prashanth CSR Shankar R	 Dr. Prashanth C S R Dean-Academics		2016	CSE	Charulatha Pub, Chennai
12	<u>Software Testing</u>	Prashanth CSR Umamaheshwari S	 Dr. Prashanth C S R Dean-Academics		2016	CSE	Charulatha Pub, Chennai

13	Operating System Question Bank	Dr. Rajalakshmi B S Shanmuga Priya N Uma	 Dr. Rajalakshmi B Professor & HOD	 N Uma Sr. Assistant Professor  Shanmuga Priya Sr. Assistant Professor	2019	CSE	
14	E-Commerce	Sheelan Misra Thomas Sacraties V Mary Shyamala N	 Dr. Sheelan Misra Professor & HOD		2016	MBA	Charulatha Pub, Chennai
15	Advanced Mathematics	Srinivasa G	 Dr. Srinivasa G Professor & HOD		2016	BSH	MEDTECH

16	<u>Design of Machine Element</u>	Ramanamurthy E V V Ramchandran S Nagendra J	 Dr. Nagendra J Sr. Asst. Professor		2016	ME	Airwalk Pub, Chennai
17	<u>Digital Signal Processing</u>	Ishani Mishra Divya Sharma Parul Wadhwa Parepalli Rama	 Ishani Mishra Sr. Asst. Professor	 Divya Sharma Sr. Assistant Professor  Parepalli Rama Assistant Professor	2018	ECE	Charulatha Pub
18	<u>Dynamics of Machinery</u>	Ramachandran S Trupthi P Wani	 Trupthi P Wani Sr. Asst. Professor		2016	ME	Airwalk Pub, Chennai

19	<u>Electrical Energy Generation Utilization and Conversation</u>	Mahesh K Ramanathan PS Saravanan V Mahonaran PS	 Mr. Mahesh K Professor		2016	EEE	Charulatha Pub, Chennai
20	<u>Engineering Economics and Financial Accounting</u>	Sainath. A R Sasikala Devi	 Dr. Sainath A R Professor		2015	MBA	Charulatha Pub, Chennai
21	<u>Engineering Graphics</u>	Ramachandran S Vijay B R	 Vijaya B R Asst. Professor		2016	ME	Airwalk Pub,
22	<u>Engineering Mathematics - I</u>	Dr. Srinivasa G			2017	BSH	Shihan International

			 Dr. Srinivasa G Professor & HOD				Pub
23	Engineering Mathematics - I	Gangadharaiah Y H	 Dr. Gangadharaiah Y H Professor & HOD		2015	BSH	S N Pub B'lore
24	Engineering Mathematics - II	Gangadharaiah Y H	 Dr. Gangadharaiah Y H Professor & HOD		2016	BSH	S N Pub B'lore
25	Engineering Mathematics - III	Gangadharaiah Y H			2017	BSH	S N Pub B'lore

			 Dr. Gangadharaiah Y H Professor & HOD				
26	<u>Engineering Metrology and Measurements</u>	Anderson A Ramachandran S Puneeth H V	 Puneeth H V Assistant Professor		2016	ME	Airwalk Pub, Chennai
27	<u>Engineering Thermodynamics</u>	Ramachandran S Anderson A Rakesh C	 Rakesh C Assistant Professor		2016	ME	Airwalk Pub, Chennai

28	<u>Environment Science and Engineering</u>	Abbas Mohaideen Ramachandran S Priyanka Sairam	 Priyanka Sairam Assistant Professor		2016	ME	Airwalk Pub, Chennai
29	<u>Fluid Mechanics and Machinery</u>	Ramachandran Saikrishnan Reagon Ronald R	 Reagon Ronald R Assistant Professor		2016	ME	Airwalk Pub, Chennai
30	<u>Gas Dynamics and Jet Propulsion</u>	Anderson A Ramachandran S Rajesh A	 Rajesh A Assistant Professor		2016	ME	Airwalk Pub, Chennai
31	<u>Hadoop Practice Guide</u>	Jisha Mariam Jose	 Jisha Mariam Jose Asst. Professor		2019	CSE	Notionpress

32	<u>Heat and Mass Transfer</u>	Ramachandra S Anderson A Senthil Kumar RaviKumar M	 RaviKumar M Sr. Asst. Professor		2016	ME	Airwalk Pub, Chennai
33	<u>High Speed Network</u>	Chinnaiyan, R Sudha Sridhar	 Dr. R Chinnaiyan Associate Professor		2016	MCA	Charulatha Pub, Chennai
34	<u>Kinematics of Machinery</u>	Ramachandra S Srinath MK	 Dr. Srinath M K Associate Professor		2016	ME	Airwalk Pub, Chennai
35	<u>Kinematics of Machines</u>	Srinath M K	 Dr. Srinath M K Associate Professor		2017	ME	Skyward Pub

36	Mechanical Vibrations	Srinath M K	 Dr. Srinath M K Associate Professor		2015	ME	Sanguine Pub
37	Material Science and Metallurgy	Prabhakar Kammar Ramachandran S	 Dr. Prabhakar Kammar Associate Professor		2016	ME	Airwalk Pub, Chennai
38	Machines for Manufacturing Technology	Ramachandra S Ramesh S Shivaprakash S	 Shivaprakash S Sr. Asst Professor		2016	ME	Airwalk Pub, Chennai
39	Mechanics of Materials	Ramachandran S Venkatasubramani R Vijay B R Dr. Nagendra J	 Dr. Nagendra J Sr. Asst. Professor		2016	ME	Airwalk Pub, Chennai

40	<u>Object Oriented Analysis and Design</u>	Chinnaiyan R Kanchana Devi N	 Dr. R Chinnaiyan Associate Professor		2015	MCA	Charulatha Pub, Chennai
41	<u>Power Plant Engineering</u>	Ramachandra S Kempuraju CR	 Mr. Kempuraju CR Asst. Professor		2016	ME	Airwalk Pub,
42	<u>Power System Analysis</u>	Mahesh K Nasar Ali Sankara Subramanian AI Udaya Kumar MD	 Mahesh K Professor		2016	EEE	Charulatha Pub, Chennai
43	<u>Software Engineering</u>	Chinnaiyan R Shankar R	 Dr. R Chinnaiyan Associate Professor		2015	MCA	Charulatha Pub, Chennai

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45	<u>Software Quality Management</u>	Chinnaiyan R Chandramouli B Pradiba K P	 Dr. R Chinnaiyan Associate Professor		2016	MCA	Charulatha Pub, Chennai
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48	<u>Model Based Design of Power Electronics</u>	Dr. K Vinoth Kumar S Suresh Kumar R Saravana	 Dr. Vinoth Kumar K Associate Professor		2020	EEE	LAP LAMBERT Academic Publishing, Mauritius
49	<u>Computer Networks - I</u>	Dr. R Jaya Dr. C S Pillai Dr. C Rajan	 Dr. Jaya R Sr. Assistant Professor		2017	CSE	BonFring Publication Tamilnadu
50	<u>Software Testing</u>	Dr. R Jaya Dr. C Rajan Dr. K Geetha	 Dr. Jaya R Sr. Assistant Professor		2018	CSE	BonFring Publication Tamilnadu
51	<u>Engineering Mechanics</u>	Dr. Ramachandra S Hanumanth Yaragudri Madhusudan K	 Hanumanth Yaragudri Sr. Asst. Professor		2016	ME	Airwalk Pub, Chennai

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57	<u>Fundamentals of Cyber Security and Cyber Law</u>	Dr.A.P Nirmala Dr.V. Asha	 Dr.A.P Nirmala Associate Professor	 Dr.V. Asha Professor & HOD	2020	MCA	NHCE
58	<u>Database Management System Volume-I</u>	Kavitha S N S P Sreeja	 Kavitha S N Assistant Professor	 S P Sreeja Sr. Asst Professor	2020	MCA	NHCE
59	<u>System Simulation Volume-I</u>	S P Sreeja Kavitha S N	 S P Sreeja Sr. Assistant Professor	 Kavitha S N Assistant Professor	2020	MCA	NHCE

60	<u>Operating System Essentials</u>	Dr.V.Asha Dr.A.P Nirmala Dr.B. Meenakshi Sundaram Dr.K.G Madhwaraj	 Dr.V. Asha Professor & HOD  Dr.A.P Nirmala Associate Professor	 Dr.B. Meenakshi Sundaram Associate Professor  Dr.K.G Madhwaraj Professor	2020	MCA	NHCE
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62	<u>Wireless Communication</u>	Dr. C.R. Rathish Dr. P. Sindhuja, K Dr. Karpagavadivu Dr. N.A. Natraj Dr. Amarjeet Singh	 Dr. C. R. Rathish Associate Professor	 Dr. Amarjeet Singh Professor & Dean	2021	CE	Charulatha Pub, Chennai

63	<u>Investigation on mobile communication technologies and impact of 5g in IOT and artificial intelligence</u>	Dr. C. R Rathish	 Dr. C. R. Rathish Associate Professor		1 st ed, 2021	CE	Charulatha Pub, Chennai
64	<u>Forensic Studies and Display Analysis: Combustion engineered nano zinc titanate for Latent finger prints and display devices</u>	Dr. Ramachandra Naik	 Dr. Ramachandra Naik Sr. Assistant Professor		2018	AS	LAP Lambert Academic Publishing
65	<u>Facile engineered nano zinc titanate: its spectroscopic properties for multifunctional applications</u>	K. M. Girish S. C. Prashanth Dr. Ramachandra Naik	 Dr. Ramachandra Naik Sr. Assistant Professor		2018	AS	LAP Lambert Academic Publishing
66	<u>PL analysis of RE3+ doped Mg2SiO4 nanophosphors for display devices</u>	Dr. Ramachandra Naik K. M. Girish S. C. Prashanth	 Dr. Ramachandra Naik Sr. Assistant Professor		2019	AS	LAP Lambert Academic Publishing

67	<u>PL and TL analysis of RE³⁺ doped Y2SiO5 nanophosphors for display devices</u>	Dr. K. Dhana Lakshmi A. Jagannatha Reddy	 Dr. K. Dhana Lakshmi Sr. Assistant Professor		2020	AS	LAP Lambert Academic Publishing
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69	<u>Cloud computing: a Nutshell</u>	Dr.A.P Nirmala Dr.S. Mohan Kumar	 Dr.A.P Nirmala Associate Professor		2018	MCA	INSC Publishing House (IPH)
70	<u>Big Data Analytics for Business Intelligence Descriptive Case Studies on Smart Tourism In India (Chapter 4)</u>	Dr.B. Meenakshi Sundaram Dr.V. Asha	 Dr.B. Meenakshi Sundaram Associate Professor	 Dr.V. Asha Professor & HOD	2021	MCA	Shanlax Publications
71	<u>Operating systems</u>	Sunil Kumar M Govindaraj M			2017	MCA	Thakur Publications Bangalore

			 Govindaraj M Sr Assistant Professor				
72	<u>Block chain based system for human organ transplantation management (Chapter)</u>	Benita Jaison Dr. V. Asha	 Dr.V. Asha Professor & HOD		2020	MCA	Springer
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76	<u>Mobile Application Development with simple exercises</u>	Mrs. Divya K V Dr. Thirukumaran Dr. Anthoniraj	 Dr. Divya K V Sr. Asst Professor		2021	ISE	Walnut Publication

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78	<u>Basic Electrical and Electronics Engineering</u>	Dr. Vinoth Kumar K Dr. Saravanakumar R Dr. Jegathesan V Dr. Kowsalya M Dr. Mahesh M	 Dr. Vinoth Kumar K Associate Professor	 Dr. Mahesh M Professor & HOD	2022	EEE	Wiley Publication New Delhi
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80	<u>Digital image processing: improment of pictorial information for human interpretation</u>	Mr. Mahesh K Prof. Binju Saju	 Mahesh K Lab Instructor	 Binju Saju Sr. Asst Professor	2022	MCA	Notion Press

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87	<u>Digiatal Signal Processing</u>	Mrs. Ishani Mishra Mrs. Amarjeeet Pal Cheema Mrs. Ishita Deb	 Mrs. Ishani Mishra Sr. Asst. Professor  Mrs. Amarjeeet Pal Cheema Sr. Asst. Professor	 Mrs. Ishita Deb Sr. Asst. Professor	July 2023	ECE	Charulatha Publications Chennai

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