












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	 Dr. Manjunatha Principal		2008	ME	GEMS
2	Casting and Forging Technology	Manjunatha Ramachandran S Ramesh S Prabhakar Kammar	 Dr. Manjunatha Principal	 Dr. Prabhakar Kammar Associate Professor	2016	ME	Airwalk Pub, Chennai
3	Professional Ethics in Engineering	Manjunatha Chaitra S			2016	ME	Charulatha Pub, Chennai





			Dr. Manjunatha Principal				
4	<u>Principles of Managements</u>	Manjunatha Gopalakrishanan K Ramachandran S	 Dr. Manjunatha Principal	 Gopalakrishnan K Professor and Dean	2016	ME	Airwalk Pub, Chennai
5	<u>Total Quality Management</u>	Manjunatha Gopalakrishanan 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	 Gopalakrishnan K Professor and Dean		2017	R&D	Airwalk Pub, Chennai
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>	Ganesh Prasad M S Ramanamurthy E V V Ramachandran S	 <p>Dr. Ganesh Prasad M S Professor and Dean</p>		2016	ME	Airwalk Pub, Chennai
9	<u>Data Warehousing and Data mining</u>	Prashanth CSR Poonkuzhalli C Saravana Kumar C	 <p>Dr. Prashanth C S R Dean-Academics</p>		2015	CSE	Charulatha Pub, Chennai
10	<u>Operating System</u>	Prashanth CSR Manjula Devi R Krishnamurthy N Suganthe RC	 <p>Dr. Prashanth C S R Dean-Academics</p>		2016	CSE	Charulatha Pub, Chennai
11	<u>Database Management System</u>	Prashanth CSR Shankar R	 <p>Dr. Prashanth C S R Dean-Academics</p>		2016	CSE	Charulatha Pub, Chennai






12	Software Testing	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	<u>Advanced Mathematics</u>	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 Trupti 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	 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 BR			2016	ME	Airwalk Pub,
22	<u>Engineering Mathematics - I</u>	Srinivasa G	 Dr. Srinivasa G Professor & HOD		2017	BSH	Shihan International Pub






23	<u>Engineering Mathematics - I</u>	Gangadharaiah Y H	 <p>Dr. Gangadharaiah Y H Professor & HOD</p>		2015	BSH	S N Pub B'lore
24	<u>Engineering Mathematics - II</u>	Gangadharaiah Y H	 <p>Dr. Gangadharaiah Y H Professor & HOD</p>		2016	BSH	S N Pub B'lore
25	<u>Engineering Mathematics - III</u>	Gangadharaiah Y H	 <p>Dr. Gangadharaiah Y H Professor & HOD</p>		2017	BSH	S N Pub B'lore
26	<u>Engineering Metrology and Measurements</u>	Anderson A Ramachandran S Puneeth H V	 <p>Puneeth H V Assistant Professor</p>		2016	ME	Airwalk Pub, Chennai



27	Engineering Thermodynamics	Ramachandran S Anderson A Rakesh C	 Rakesh C Assistant Professor		2016	ME	Airwalk Pub, Chennai
28	Environment Science and Engineering	Abbas Mohaideen Ramachandran S Priyanka Sairam	 Priyanka Sairam Assistant Professor		2016	ME	Airwalk Pub, Chennai
29	Fluid Mechanics and Machinery	Ramachandran Saikrishnan Reagon Ronald R	 Reagon Ronald R Assistant Professor		2016	ME	Airwalk Pub, Chennai
30	Gas Dynamics and Jet Propulsion	Anderson A Ramachandran S Rajesh A	 Rajesh A Assistant Professor		2016	ME	Airwalk Pub, Chennai






31	<u>Hadoop Practice Guide</u>	Jisha Mariam Jose	 <p>Jisha Mariam Jose Asst. Professor</p>		2019	CSE	Notionpress
32	<u>Heat and Mass Transfer</u>	Ramachandra S Anderson A Senthil Kumar RaviKumar M	 <p>RaviKumar M Sr. Asst. Professor</p>		2016	ME	Airwalk Pub, Chennai
33	<u>High Speed Network</u>	Chinnaiyan, R Sudha Sridhar	 <p>Dr. R Chinnaian Associate Professor</p>		2016	MCA	Charulatha Pub, Chennai
34	<u>Kinematics of Machinery</u>	Ramachandra S Srinath MK	 <p>Dr. Srinath M K Associate Professor</p>		2016	ME	Airwalk Pub, Chennai
35	<u>Kinematics of Machines</u>	Srinath M K	 <p>Dr. Srinath M K</p>		2017	ME	Skyward Pub









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





44	Software Project Management	Ilango, V Chandramouli B	 Mr. V Ilango HOD & Professor		2016	MCA	Charulatha Pub, Chennai
45	Software Quality Management	Chinnaiyan R Chandramouli B Pradiba K P	 Dr. R Chinnaiyan Associate Professor		2016	MCA	Charulatha Pub, Chennai
46	Thermal Engineering	Ramachandran S Jayaprabkar Adrash BC Kiran Kumar KM			2016	ME	Airwalk Pub, Chennai
47	User Interface Design	Ilango. V Priya. M Vannanti	 Mr. V Ilango HOD and Professor		2016	MCA	Charulatha Pub, Chennai
48	Model Based Design of Power Electronics	K Vinoth Kumar S Suresh Kumar R Saravana	 Dr. Vinoth Kumar K Associate Professor		2020	EEE	LAP LAMBERT Academic Publishing, Mauritius







49	Computer Networks -I	R Jaya C S Pillai C Rajan	 <p>Dr. Jaya R Sr. Assistant Professor</p>	2017	CSE	
50	Software Testing	R Jaya C Rajan K Geetha	 <p>Dr. Jaya R Sr. Assistant Professor</p>	2018	CSE	
51	Engineering Mechanics	Ramachandra S Hanumanth Yaragudri Madhusudan K	 <p>Hanumanth Yaragudri Sr. Asst. Professor</p>	2016	ME	Airwalk Pub, Chennai
52	C Programming for Problem Solving	Guruprasad Nagraj	 <p>N. Guruprasad Professor</p>	2018	CSE	Himalaya Pub

53	<u>Basic Electrical and Electronic Engineering</u>	Mahesh K Sahithullah M	 Mahesh K Professor		2016	EEE	Charulatha Pub, Chennai
54	<u>Energy Efficient Novel Nano Gadolinium Aluminate</u>	Jisha P K Prashantha S C Ramachandra Naik	 Dr. Jisha P K Associate Professor	 Dr. Ramachandra Naik Assistant Professor	2019	BSH	LAP LAMBERT Academic Publishing
55	<u>Human Resources Management</u>	Pavithra S	 Pavithra S Assistant Professor		2020	MBA	NHCE
56	<u>Management Accounting</u>	Jayashree N	 Jayashree N Assistant Professor		2020	MBA	NHCE

57	Fundamentals of Cyber Security and Cyber Law	Dr.A.P Nirmala Dr.V. Asha	 Dr.A.P Nirmala Associate Professor	 Dr.V. Asha Professor & HOD	2020	MCA	NHCE
58	Database Management System Volume-I	Kavitha S N S P Sreeja	 Kavitha S N Assistant Professor	 S P Sreeja Sr. Asst Professor	2020	MCA	NHCE
59	System Simulation Volume-I	S P Sreeja Kavitha S N	 S P Sreeja Sr. Assistant Professor	 Kavitha S N Assistant Professor	2020	MCA	NHCE
60	Operating System Essentials	Dr.V.Asha Dr.A.P Nirmala Dr.B. Meenakshi Sundaram Dr.K.G Madhwaraj	 Dr.V. Asha Professor & HOD	 Dr.B. Meenakshi Sundaram Associate Professor	2020	MCA	NHCE






			 <p>Dr.A.P Nirmala Associate Professor</p>	 <p>Dr.K.G Madhwaraj Professor</p>			
61	<u>Data structures using C</u>	Dr. J. Seetha Dr. Ravi Kumar Dr. R Uma mageswari Dr. S. P. Manikandan	 <p>Dr.S. P. Manikandan Professor & HOD</p>		2022	CE	Scientific International Publishing house
62	<u>Wireless Communication</u>	Dr. C. R Rathish	 <p>Dr. C. R. Rathish Associate Professor</p>		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	 <p>Dr. C. R. Rathish Associate Professor</p>		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	 <p>Dr. Ramachandra Naik Sr. Assistant Professor</p>		2018	Applied Science Physics	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	 <p>Dr. Ramachandra Naik Sr. Assistant Professor</p>		2018	Applied Science Physics	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	 <p>Dr. Ramachandra Naik Sr. Assistant Professor</p>		2019	Applied Science Physics	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	Applied Science Physics	LAP Lambert Academic Publishing
68	<u>Innovative engineering material</u>	Dr. Jisha P K Prashanth S. C Dr. Ramachandra Naik	 Dr. Jisha P K Associate Professor	 Dr. Ramachandra Naik Sr. Asst. Professor	2021	Applied Science Physics	LAP Lambert Academic Publishing
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	 Govindaraj M Sr Assistant Professor		2017	MCA	Thakur Publications Bangalore
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
73	<u>Mobile Application Development using Android</u>	Dr.K.Saravanan Dr. R J Anandhi and Dr. L Srinivasan	 Dr. Anandhi R J Professor & HOD	 Dr. Saravanan K Professor  Dr. Srinivasan L Sr. Asst Professor	2021	ISE	Walnut Publication

74	<u>Cloud Computing Technologies for Smart Agriculture and Healthcare (Book Chapter No. 7)</u>	Dr. Arvind Shivappa Kapse	 Dr. Arvind Kapse Professor		2021	ISE	CRC Press is an imprint of Taylor and Francis Group
75	<u>Data Structure and Algorithms implementation using C language</u>	Dr Mangayarkarasi Dr Kalaivani D Mrs J Karthiyayini	 Dr. Mangayarkarasi Associate Professor	 Dr. Kalaivani D Associate Professor  Mrs. J Karthiyayini Associate Professor	2021	ISE	Walnut Publication
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

77	Image processing	Dr. Rajesh G Dr. Sandeep Bhat Dr. B. Saroja Mr. Durga Prasad Tumula	 <p>Dr. Rajesh Associate Professor</p>		2022	ECE	GCS Publishers India
78	Basic Electrical and Electronics Engineering	Dr. Vinoth Kumar K Dr. Saravanakumar R Dr. Jegathesan V Dr. Kowsalya M Dr. Mahesh M	 <p>Dr. Vinoth Kumar K Associate Professor</p>	 <p>Dr. Mahesh M Professor & HOD</p>	2022	EEE	Wiley Publication New Delhi
79	Virtual reality: the incredible technology	Binju Saju Dr. V Asha	 <p>Binju Saju Sr. Asst Professor</p>	 <p>Dr.V. Asha Professor & HOD</p>	2022	MCA	Notion Press

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
81	<u>Cracking the operating system skills</u>	Dr. V Asha	 Dr.V. Asha Professor & HOD		2022	MCA	Notion Press
82	<u>Insight to web programming: an effortless approach</u>	Mr. Vishwanatha C R Dr. V Asha Ms. Binju Saju	 Vishwanatha C R Sr. Asst Professor	 Dr.V. Asha Professor & HOD  Binju Saju Sr. Asst Professor	2022	MCA	Notion Press

83	<u>Object oriented programming concepts using C++</u>	Ms. S P Sreeja Dr. V Asha	 S P Sreeja Sr.Assistant Professor	 Dr.V. Asha Professor & HOD	2022	MCA	Notion Press
84	<u>Core java concepts</u>	Mr. Govindaraj M Dr. V Asha	 Govindaraj M Sr. Asst Professor	 Dr.V. Asha Professor & HOD	2022	MCA	Notion Press
85	<u>Essentials of system software</u>	Dr. A P Nirmala Dr. V Asha Dr. Arpana Prasad Dr. B Nithya Ramesh	 Dr.A.P Nirmala Associate Professor  Dr.V. Asha Professor & HOD	 Dr.Arpana Prasad Associate Professor  DrB Nithya Ramesh Associate Professor	2022	MCA	Notion Press

86	Artificial intelligence	Dr. N V Uma Reddy Prof. Sonia Maria D'Souza Mr. Arun Kumar S Dr P Bindhu Madhavi	 <p>Dr. N V Uma Reddy Professor & HOD</p>	 <p>Prof. Sonia Maria D'Souza Sr. Asst Professor</p>	2023	AIML	Scientific International Publishing House
87	Digital Signal Processing	Mrs. Ishani Mishra Mrs. Amarjeet Pal Cheema Mrs. Ishita Deb	 <p>Ishani Mishra Sr. Asst. Professor</p>  <p>Amarjeet Pal Cheema Sr. Asst. Professor</p>	 <p>Ishita Deb Sr. Asst. Professor</p>	July 2023	ECE	Charulatha Publications Chennai