

3.4.4 Details of books and chapters in edited volumes / books per teacher during the year

Sl. No.	Name of the Teacher	Title of the Book published	Title of the Chapter published	Title of the proceedings of the conference	Year and month of publication	Links
1	Dr. M. Suryanarayana Reddy & Dr. V. Ramachandra Reddy	MHD Flow of Heat And Mass Transfer Characteristics of Nanofluids	-	-	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.4/1. MHD flow of heat and mass transfer.pdf
2	Dr. K. Raghunath, Dr. V. Ramachandra Reddy & M Obulesu	Simulations and Analysis of Mathematical Methods	Effects of Radiation Absorption and Aligned Magnetic Field on MHD Cassion Fluid Past an Inclined Vertical Porous Plates in Porous Media	-	,September, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.5/2. Simulations and analysis.pdf
3	Sri.B.Veera Sankar, Dr. B. Rama Bhupal Reddy & Dr. G. Radha	Special Functions and complex analysis	-	-	,December2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/3. Special functions and complex analysis.pdf
4	B. Venkata Lakshmi	Restructuring Global Economy Initiatives and business Strategies for 2023	A Study on workforce diversity in an organization	International confernece on emerging trends in management Restructuring Global Economy Initiatives and business Strategies for 2023	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/4. Vel Tech.pdf

5	Dr. I Sreevani, M. Mary Jasmine, Dr. K. Venkata Ramana	Chemistry for Engineers	-	-	March, 2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/5. chemistry for engineers.pdf
6	Dr. I. Sreevani, Dr. S. Jyothi, P. Prasad, Dr. S. Mallareddy, P. Sudheer	A Text Book of Chemistry	-	-	Feb-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/6. A text book of Chemistry.pdf
7	Dr. G. Vinod Kumar, Srinivas Adepu, B. Veera Sankar, D. Prabhavati & V. Sravana	Introduction to mathematics	-	-	Mar-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/7. Introduction to Mathematics.pdf
8	G. Padma, Dr. I. Sreevani, O. Neekila, N. Keshamma, G, Anjayya	Environmental Studies	-	-	Mar-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/8. Environmental studies.pdf
9	G. Praveen, Y. Naveen Kumar, Dr. Sanjeev Kumar, D. Mallikarjuna Reddy, T. Vineela	Solar Energy	-	-	February, 2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/9. Solar energy.pdf
10	Dr. B. Rama Bhupal Reddy, Sri.Y.Satheesh Kumar Reddy & Sri.B.Veera Sankar	Probability and Statistics	-	-	Jul-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/10. Probabilty Statistics.pdf
11	Dr.G.Radha & Dr. S. Sudhakar Reddy	Operations Research	-	-	Sep-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/11. Operations research.pdf

12	Sri. K. Khasimpeera & Dr.M.Sugunatha Reddy	A Study on Management Education in India: Trends, Issues and Implications	Management Education in India: Issues & Challenges	-	June, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/12.Management education in India issues challenges.pdf
13	Sri. K. Khasimpeera, Dr.M.Sugunatha Reddy & Dr. B. Rama Bhupal Reddy	Management Sciences for Engineers	-	-	Sep-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/13.management science for engineers.pdf
14	Smt.M.Mary Jasmine, Dr. K. Venkata Ramana & Dr.I.Sreevani	Chemistry Lab Manual Cum Record	-	-	Oct-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/14 Chemistry Lab manual cum record.pdf
15	Sri. K. Khasimpeera & D. Ramyasree	Impact of Covid-19 on MSME in Rangareddy District	Latest Trends in Business Management	-	Oct-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/15.Latest Trends in business management.pdf
16	D. Mallikarjuna Reddy, Dr. K. Venkata Ramana, Dr. I. Sreevani, Dr. T. Ravindra Reddy	Solid State Physics			March, 2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/16.Solid state physics.pdf
17	D. Arun Kumar, G. Hemalatha, M. Venkatanarayana	Encyclopedia of Mathematical Geosciences	Regression		Dec-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/17.regression 2021-22 - ECE BOOK Chapters.pdf

18	D. Arun Kumar	Encyclopedia of Mathematical Geosciences	Discriminant Analysis		Jan-22	18. Discriminant analysis 2021-22 - BOOK Chapters.pdf
19	D. Arun Kumar, M. Venkatanarayana , V.S.S. Murthy	Encyclopedia of Mathematical Geosciences	Object-Based Image Analysis		Feb-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/19. Object base image 2021-22 BOOK Chapters.pdf
20	B.S. Daya Sagar, D. Arun Kumar	Encyclopedia of Mathematical Geosciences	Structuring Element		May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/20. structuring element-2021-22 BOOK Chapters.pdf
21	B.S. Daya Sagar, D. Arun Kumar	Encyclopedia of Mathematical Geosciences	Thickening		Jul-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/21. Thickening-2021-22 BOOK Chapters.pdf
22	D. Arun Kumar	Encyclopedia of Mathematical Geosciences	Genetic Algorithms		Aug-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/22. Genetic Algorithms-2021-22 BOOK Chapters.pdf
23	Arun Kumar Dasari	Encyclopedia of Mathematical Geosciences	Logistic Regression		Aug-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/23. Logistic regression 2021-22 BOOK Chapters.pdf

24	A. Valli Bhasha	Microprocessors and Microcontrollers			Feb-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/24. 2021-22 - ECE-BOOK-proof.pdf
25	P. Subbarayudu			Raspberry PI Based Vehicle Anti-Theft Face Recognition System	Aug-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/25. Raspberry Pi.pdf
26	S. Jabeen			Design of H shaped and ring slot patch antenna for X band applications -	21-Dec	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/26. Design of h-shaped.pdf
27	T.Umamaheswari, C. Aruna, K. Divya Lakshmi			Breast Cancer diagno	Jan-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/27. Breast cancer detection.pdf
28	V. Gopi Tilak, Md. Mababoob Pasha, A. Valli Bhasha			Density based automatic defect detection and depth estimation in thermal non-destructive testing.	Jan-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/28. Density based automatic defect.pdf
29	K.Guru Prasad			Design and implementation of smart glasses by using Arduino	Jan-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/29. design and implimentation of smart.pdf

30	P. Subbarayudu			A New highway navigation system using light fidelity (Li-Fi) Technology	Jan-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/30. A new high way navigation system.pdf
31	Dr. M. V. Narayana and Dr. Syed Zahiruddin			Real time implementation of improved automatic number plate recognition using raspberry Pi camera	Jan-22	31. Real time implimentation of.pdf
32	Dr.S L Prathapa Reddy, P. Lokeswara Reddy, K. Divya Lakshmi			Fuzzy optimized particle swarm algorithm for internet of things based wireless sensor networks	Jan-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/32. Fuzzy optimized particle swarn.pdf
33	Miss S. Jabeen			Automatic Plant Watering system and protection of plants using Arduino	January,2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/33. AUTOMATIC PLANT WATERING SYSTEM.pdf
34	P. Lokeswar Reddy			Study and analysis of image fusion using discrete wavelet transform	January,2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/34. Study and analysis of image fusion.pdf
35	Dr. S. L. Prathapa Reddy			Voice controlled LEDs using Aurdino and Blue tooth	January,2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/35. voice controlled LEDs.pdf

36	Dr. K. Amaresh			Design and Analysis of Neural Network based MPPT Technique for Solar Power based Electric Vehicle Applications	August 07-08, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/36.Design and analysis.pdf
37	Dr. M. Murali			Performance Analysis of Different types of Solar Photovoltaic Cell Techniques using MATLAB/SIMULINK	August 07-08, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/37.performance analysis of Different Types.pdf
38	Mr. T. Naresh			Design of an Adaptive Fuzzy Logic Controller for Solar PV Application with High Step-Up DC-DC Converter	pp 349-360, 20.10.2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/38. design and adzptive fuzzy.pdf
39	Mr. K. Rama Mohan Reddy			Energy Efficiency Enhancement of Wind Power Plant by using P&O MPPT	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/39.Energy Efficiency.pdf
40	Mr. T. Kishore Kumar			A novel method for application of non-conventional sources of energy with power quality improvement for local non-linear load using MLMS	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/40.A Novel Method For Application.pdf

41	Dr. C. Kumar Reddy			Analysis of Shunt Active Filter Performance under different supply and Loading Conditions	Jun-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/41.Analysis of shut Active filter.pdf
42	Mr. T. Kishore Kumar			Hierarchical Limitation Strategy of Fault Current for Microgrid Fault Ride through Scheme	PP 33-46, December 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/42.hierarchical Limitation.pdf
43	Mr. G. Hussain Basha			Power Quality improvement in Microgrid Distribution System by using Advanced SAPF Compensation Technique	PP 33-46, December 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/43.Power Quality.pdf
44	Mr. G. Hussain basha	High Voltage Engineering			March, 2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/44. high Voltage engineering.pdf
45	Mr. T. Naresh	Electromagnetic Fields (Theory & Applications)			December, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/45. Electromagnetic Fields.pdf

46	S. Khadarvali			Load frequency control of two area system with security attack and game theory based defender action using ALO tuned integral controller	Nov-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/46.Load Frequency control.pdf
47	Dr. V. Lokeswara Redd	Cryptography & Network Security			Feb-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/47.Cryptography Network Security.pdf
48	Dr. V. Lokeswara Redd	Cyber Security			Jun-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/48.Cyber Security.pdf
49	Dr. M. Sreenivasulu	Compiler Design			jun-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/49.Compiler Design.pdf
50	Dr. K. Srinivasa Rao	Data Mining			Oct-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/50.Data Mining.pdf
51	Dr. M. Sreenivasulu			Image quality enhancement for Rice diseased images using Histogram equalization technique	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/51.Image quality enhancement.pdf

52	Dr. K. Srinivasa Rao			Validation based Geographic opportunistic routing in WSN for IOT	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/52.Validation based.pdf
53	Dr. K. Srinivasa Rao			Security Surveillance camera using advanced python	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/53.Security surveillance.pdf
54	Dr. M. Sreenivasulu			Text Processing for Indian Languages	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/54.Text processing for indian languages.pdf
55	Dr. M. Sreenivasulu			Student Opinion Predication System Through Feedback Analysis Using Machine Learning	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/55.Student opinion pridiction system.pdf
56	Dr. V. Lokeswara Reddy			Secure Reversible Data Hiding Image Transformation using Cloud Storage	Dec-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/56.Secure reversible data hiding.pdf
57	Dr. V. Lokeswara Reddy			Students Academic Results Automation through E-Mails	Dec-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/57.Students academic results automation.pdf

58	Dr. V. Lokeswara Reddy			An efficient authentication scheme for Mobile Devices using Two Factor Key Agreement	Dec-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/58. An efficient authentication system.pdf
59	Dr. V. Lokeswara Reddy			A Dynamic Privacy preserving data publishing using three metrics technique	Jan-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/59. A Dynamic Privacy preserving.pdf
60	Dr. M. Sreenivasulu			Building and Evaluation of Classification Models for Crime Hotspot Prediction	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/60. Building and evaluation.pdf
61	Md.Rahmathulla			Heart Disease Predication Using ML Classification Algoritms	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/61. Heart disease prediction.pdf
62	Dr. M. Sreenivasulu			Mobile sink scheduling for efficient data collection in wireless sensor networks	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/62. Mobile sink schduling.pdf
63	Dr. M. Sreenivasulu			Development and Evaluation of Ensemble Models for Software bug Prediction	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/63. Development and evaluation of.pdf

64	Dr. M. Sreenivasulu			A Review on Fog Computing : Characteristics, Architecture and Security Challenges	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/64. A review on fog computing.pdf
65	Dr. K. Srinivasa Rao			Motorist Doziness Classification Grounded on Eye Flash and Head Movement Structures using the K-NN Algorithm	May-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/65. Motorist doziness classification.pdf
66	Jana Suresh Babu, Alagala Harikrishna, V. Sathiyamoorthy			Optimization of Cutting Zone Temperature in Machining of Magnesium Alloy Using Taguchi Method	Apr-22	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/66. optimization of cutting zone.pdf
67	Dr D Ravikanth, VSS Murthy	HAND BOOK ON BASICS OF MANUFACTURING			Dec-21	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/67. Hand Book on Basics of Manufacturing.pdf
68	Alagala Harikrishna	Heat and Thermodynamics			April 2022	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/68. Heat and Thermodynamics.pdf

69	N. Amarnatha REDdy	Challenges and Sustainable Solutions for Civil Engineering Applications	Wave scattering by surface piercing porous structure placed in a finite depth	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/69. wave scattering by.pdf
70	V SAI NEERAJA	Challenges and Sustainable Solutions for Civil Engineering Applications	Utilization of recycled plastic in concrete: A Review	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/70. Utilization of recycled plastics.pdf
71	V SAI NEERAJA	Challenges and Sustainable Solutions for Civil Engineering Applications	Self-compacting concrete made with recycled coarse aggregate: A Review	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/71. Self compacting concrete.pdf
72	Dr.T.Kiran Kumar	Challenges and Sustainable Solutions for Civil Engineering Applications	Impact Assessment of Sub-Surface Dams and its effects on Water Quality in Rayalaseema Region in Andhra Pradesh.	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/72. Impact assesment of.pdf
73	M.C. Venkata Subbaiah	Challenges and Sustainable Solutions for Civil Engineering Applications	A study for influence of magnetic water for improving compressive strength of containing GGBS	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/73. Study for influence of magnetic.pdf
74	Dr. I. Srinivasula Reddy	Challenges and Sustainable Solutions for Civil Engineering Applications	A review on estimation of settlement in pile foundation	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/74. A review on estimation.pdf

75	P. Rajendra Kumar	Challenges and Sustainable Solutions for Civil Engineering Applications	Partial replacement of cement with limestone powder	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/75. Partial replacement of cement.pdf
76	Suresh Praveen Kumar. P	Challenges and Sustainable Solutions for Civil Engineering Applications	Laboratory study of black cotton soil stabilized with pond ash and coir fibres	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/76. Laboratory study of black cotton.pdf
77	D DHARMA SIMHA REDDY	Challenges and Sustainable Solutions for Civil Engineering Applications	Effect of Water to Powder Ratio on the Strength of a Novel Jointing Material.	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/77. effect of water to powder ratio.pdf
78	Hemanth Kumar Reddy Komma	Challenges and Sustainable Solutions for Civil Engineering Applications	Influence of carbon nano tubes on strength properties of Portland cement composites	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/78. Influence of carbon.pdf
79	Komma Hemanth Kumar Reddy	Challenges and Sustainable Solutions for Civil Engineering Applications	FLY ASH BASED GEOPOLYMER CONCRETE MICROSTRUCTURE AND DURABILITY PROPERTIES - A REVIEW	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/79. fly ash based.pdf
80	Dr.P.Kishore Kumar Reddy	Challenges and Sustainable Solutions for Civil Engineering Applications	Study On Strength Characteristics of Lime Stabilized Expansive Soil Treated with Recron-3s Fiber	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/80. Study on strength.pdf

81	P. Suresh Praveen Kumar	Challenges and Sustainable Solutions for Civil Engineering Applications	Stabilization Of the Expansive Soil By Utilizing Industrial And Agricultural Wastes In Pavements	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/81.Stabilization of the expansive.pdf
82	Kummari Sekhar	Challenges and Sustainable Solutions for Civil Engineering Applications	An Experimental Study On Effect Of Reinforcement In Planar And Fiber Forms On Cbr Value	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/82.An experimental study.pdf
83	K. Niveditha	Challenges and Sustainable Solutions for Civil Engineering Applications	Soil Stabilization By Using Industrial Waste Lime And Ggbs	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/83.Soil stabilization.pdf
84	Dr.G.Sreenivasa Reddy	Challenges and Sustainable Solutions for Civil Engineering Applications	Study of Strength and Volumetric Properties of Coir Fiber Reinforced Bituminous Mix	Challenges and Sustainable Solutions in Civil Engineering Applications (CSSC-2021)	November, 2021	https://ksrmce.ac.in/NAAC/Criteria-III 2021-22/3.4.6/84.Study of strength.pdf

