EXCELSSIOR EDUCATION SOCIETY'S
K. C. College of Engineering & Management Studies & Research
Mith Bunder Road, Kopri, Thane (E)

Cycle – 2 NAAC Accreditation 2024

Criteria 3: Research, Innovations and Extension

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.

3.3.2 Number of books and chapters in edited volumes/books published

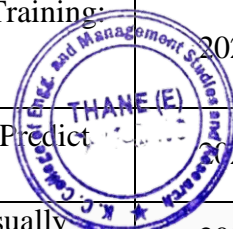| Sl. No.	Name of the teacher	Title of the book/chapters published	LINK TO COVER PAGE OF BOOKS/CHAPTERS
1	Dr. Baban rindhe	Digital Signal Processing	
2	Dr. Mahesh Maurya	Towards Artificial General Intelligence	
3	Dr. Rajiv Iyer	Antenna Fundamental	
4	Dr. Poulami Das	Multi-criteria Optimization for System Integration of DecentralizedOff-Grid Hybrid Renewable	https://kccemsr.edu.in/public/naac/criterion3/pdf2/31.Books-and-Chapters.pdf
5	Dr Shelley Oberoi	Ecological and health Effects of building materials	
6	Hasib Shaikh	Multimedia Systems(book)	
7	Dr. Arundhati Chakrabarti	Engineering Physics I	
8	Dr. Arundhati Chakrabarti	Engineering Physics II	
9	Prof. Hasib Shaikh	Software Engineering	

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3.3.2 Papers published in national/ international conference proceedings per teacher during last five year

Sl. No.	Name of the teacher	Title of the paper	Calendar Year of publication	Copies of Cover Page/First page of Paper
1	sulochana Madachane	Analysis of Twiter Data for Bussiness Intelligence	2022-23	
2	Mrs. Nilima Patil	Medical Image Enhancement using Deep Learning	2022-23	https://kccemsr.edu.in/public/naac/criterion3/pdf2/32.Conferences.pdf
3	Mrs. Nilima Patil	A Review-Medical Image Enhancement Techniques"	2022-23	
4	Dr. Poulami Das	An Interactive Platform for Farmers with Plant Disease Recognition Using Deep Learning Approach	2022-23	
5	Keerti Kharatmol	An Interactive Platform for Farmers with Plant Disease Recognition Using Deep Learning Approach	2022-23	
6	Aarti Bakshi	Classification of Leaf Diseases using Deep Learning	2022-23	
7	Aarti Bakshi	Jewel Beetle-Batteryless WSN Eco Monitoring System	2022-23	
8	Dr. Rajiv Iyer	Jewel Beetle-Batteryless WSN Eco Monitoring System	2022-23	
9	Mrs. Amarja Adgaonkar	PWA-enabled Media pipe-based Fitness Training: Improving Exercise and Yoga Form and Performance in Real-Time	2022-23	
10	Mrs. Amarja Adgaonkar	K-Means and Decision Tree Approach to Predict the Severity of Diabetes Cases	2022-23	
11	Mrs. Amarja Adgaonkar	Visual Question answering for helping visually disabled people	2022-23	

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12	Mrs. Angelin Zionia	Data Leakage Detection	2022-23
13	Mrs. Priyanka Sananse	All in one social media downloader	2022-23
14	Dr. Kiran Bhandari	Brain Stroke Detection using ML	2022-23
15	Ms. Sheetal Jadhav	A Speculative approach for Brain Tumor Detection using Image Processing	2022-23
16	Mrs. Seema Bhuravane	Smart Farming Application	2022-23
17	Keerti Kharatmol	An Interactive Platform for Farmers with Plant Disease Recognition Using Deep Learning Approach	2022-23
18	Dr. Poulami Das	Crime Analysis using DBSCAN Algorithm	2021-22
19	Dr. Poulami Das	A Virtual Book on Human Anatomy	2021-22
20	Ms. Keerti Kharatmol	Movie Review Prediction System by Real Time Analysis of Facial Expression	2021-22
21	Ms. Anupama Chaurasia	Design and implementation of an on grid inverter using H bridge schematic and PWM techniques and loss estimation and harmonic analysis	2021-22
22	Ms. Sushma Kore	IoT Based Logistic Management System	2021-22
23	Ms. Purnima Vadak	A Review Paper on Slow Light Generation Techniques	2021-22
24	Mr. Hasib Shaikh	A Comparison between Syllabus of AICTE and various Universities - An NLP Based Approach	2020-21
25	Mr. Mandar Ganjapurkar	Android Sentence Framer Application	2020-21
26	Mrs. Varsha Wangikar	Prediction of Lung Diseases using Vision Transformer	2020-21
27	Mrs.Sulochana Madchane	Using Machine Learning for Image Recommendation in News Articles	2020-21

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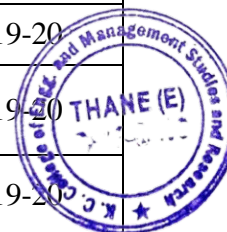| 28	Mrs.Pragati Chandankhede	Using Machine Learning for Image Recommendation in News Articles	2020-21
29	Mrs. Pragati Chandankhede	Computational Framework for Visually Impaired	2020-21
30	Mrs. Pragati Chandankhede	Gesture Based Media Controlling using Haar Cascade	2020-21
31	Mrs. Pragati Chandankhede	ReviewofMalwareDetectionusingDeepLearning	2020-21
32	Mrs. Pragati Chandankhede	A contextual chatbot for tourists	2020-21
33	Mrs. Sana Haji	Gesture Based Media Controlling using Haar Cascade	2020-21
34	Mrs. Suman Bhujbal	Android Sentences Framer Application	2020-21
35	Dr.Baban Rindhe	Performance Analysis of Variable Optical Attenuator on Different Materials.	2020-21
36	Dr.Baban Rindhe	Free space optics for 5G and beyond	2020-21
37	Mrs. Sushma Kore	Autonomous Vehicle using Artificial Neural Network	2020-21
38	Mrs. Kirti Parthe	Bluetooth based indoor positioning system	2020-21
39	Mrs. Kirti Parthe	Implementing Prototyping Model for the student security system	2020-21
40	Mrs. Amarja Adgaonkar	A review on Reddit News headline with NLTK Tools	2020-21
41	Mrs. Amarja Adgaonkar	Character Chatbot - A Conversational AI Chatbot which can alter its Character according to User Specifications	2020-21
42	Dr. Shobha Tyagi	Internet of Things based Hazardous Gas leakage Detection System using Arduino UNO	2020-21
43	Mrs. Bharti Khemani	A review on Reddit News headline with NLTK Tools	2020-21

44	Mrs. Manjusha Shelke	Internet of Things based Hazardous Gas leakage Detection System using Arduino UNO	2020-21
45	Mrs. Manasi Choche	Internet of Things based Hazardous Gas leakage Detection System using Arduino UNO	2020-21
46	Mrs. Devika Rani Roy	In Memory Data Bases :The storage Of BigData	2020-21
47	Mrs. Amuthavalli Yadav	Internet of Things based Hazardous Gas leakage Detection System using Arduino UNO	2020-21
48	Mr.Vishal Gotarane	Gesture Controlled Midi	2020-21
49	Mr.Vishal Gotarane	Monitoring Elderly People at Home using Machine Learning Approach	2020-21
50	Pragati Chandankhede	Deep Learning Technique for Serving Visually Impaired Person	2019-20
51	Pragati Chandankhede	Pansharpening of Multispectral and Panchromatic Images for Color Distortion using MATLAB	2019-20
52	Zubeda Khan	Character Recognition in 3D Space through Gesture	2019-20
53	Zubeda Khan	Online Plagiarism Checker using Text Mining	2019-20
54	Ms. Sushma Kore	IoT Based Bridge Health Smart Monitoring System	2019-20
55	Ms. Sumita Gupta	Analysis of semiconductor material based on Average Electron energy & drift Velocity	2019-20
56	Ms. Sumita Gupta	Analysis of various automatic water Tap Controller	2019-20
57	Ms. Sumita Gupta	Arduino based LPG gas monitoring & Automatic Cylinder Booking with Alert system	2019-20
58	Ms. Paurnima Vadak	Analysis of semiconductor material based on Average Electron energy & drift Velocity	2019-20
59	Ms. Christina Bage	Analysis of semiconductor material based on Average Electron energy & drift Velocity	2019-20

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60	Dr. Shelley Oberoi	Isolation and Charecterisation of Natural Dye Haematoxylin campechianum and their use for leather Dyeing	2019-20
61	Manjusha Shelke	Implementation of Mood Detection through Voice Analysis using Librosa and CNN	2019-20
62	Ms. Devika Rani Roy	A Secure Cloud -Based EHR Framework for the Security and privacy of medical data using Hierarchical CP-ABE	2019-20
63	Ms. Prasannati Kulkarni	IOT Based Health Indication and Detection System For Soldier	2018-19
64	Ms. Sumita Gupta	Analysis of Crystalline Solar Cell using Drift diffusion Model and PV analyzer	2018-19
65	Ms. Paurnima Vadak	Analysis of Crystalline Solar Cell using Drift diffusion Model and PV analyzer	2018-19
66	Dr. Baban Rindhe	Multi hop Wireless Sensor Networks Towards Internet of Things	2018-19
67	Mr. Rajiv Iyer	Clairvoyant Raven: Smart Drone For Wild Firw Detection	2018-19
68	Ms. Cristina Bage	Analysis of Crystalline Solar Cell using Drift diffusion Model and PV analyzer	2018-19
69	Ms. Tejal Patil	Review of Brain Mapping Techniques	2018-19
70	Ms. Preeti Lodaya	Interference Mitigation For Femtocells TechnologyIn Next Generation Networks	2018-19
71	Ms. Sushma Kore	Interference Mitigation For Femtocells TechnologyIn Next Generation Networks	2018-19
72	Ms. Shailaja Mohite	Uplink Interference Scenarios in Macro and Femto Networks	2018-19
73	Ms. Geetanjali Kale	GSM Based Smart Medicine	2018-19
74	Ms. Ashwini	Auto Tracking System	2018-19

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	Jayawant		
75	Mr. Hasib Shaikh	Automating The Process of Direct Assesment in Technical Education and Improovement in Teaching And Learning Process	2018-19
76	Ms. Zubida Khan	6-G Next Generation Mobile Wireless Communication Approch	2018-19
77	Mr. Shreekesh Pujari	A Study of Financing of Higher Education	2018-19
78	Ms. Priya Sengupta	Identifying thr importance of Proactive Educational Institute with Regard to Skill Devolopment	2018-19
79	Mr. Shawn Langford	Role of Assesment committees in the Accreditation of Management Institutes	2018-19