**SRI VENKATESWARA COLLGE OF ENGINEERING**

**Dean (Research), Office of Dean (Research)**

**Books/Book chapters published by faculty for the Academic year 2020-2021**

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| --- | --- | --- | --- |
| **S. No.** | **Name of the Faculty** **(all coauthors)** | **Title of the Book/Book Chapter** | **Details of the Book** |
|  | **Mr M Nishal** | 6.1 Guidelines For Ensuring Sustainability in Industry 4.0 | Sustainable Manufacturing For Industry 4.0, Taylor and Francis Group, 2020.eBook ISBN9780429466298  |
|  | Ratna R, madhumitha B, Viveka R and**Nakkeeran E**  | Recent Insights of Matrix Metalloproteinase Inhibitors in Therapeutic Applications | Frontiers in Enzyme Inhibibition, Vol.1, 73-96, 2020.**(Book Chapter 6)** |
|  | Senthil Nagappan, Rajvikram M E, Nilavunesan D and **Dr Nakkeeran E** | Current Potentials and Prospectives of Enzyme inhibition Based Biosensor | Frontiers in Enzyme Inhibition, Bentham Science Publishers,Vol.1, pp.97-121, 2020. (**Book Chapter 7**). |
|  | **Dr Nakkeeran E** | Current trends and Prospects of transforming food waste to biofuels in India. | Waste Biorefinery: Value addition through Resources Utilization, Vol.14, Feb. |
|  | **Dr K Divakar** | Fermentative production of Secondary Metabolics from Bioengineered Fungal Species and their ApplicationsDiesel | Fungal Biotechnology and Bioengineering, Vol.11, June 2020, pp.225-279. |
|  | **Hariharan J,**Praveen Kumar P K, Lakshmi S, Mahalakshmi V, Aparna m and Balu R | Enzyme Inhibitors for Breast Cancer Therapy Frontiers in Enzyme Inhibition | Frontiers in Enzyme Inhibition, Bentham Science Publishers,Vol.1, pp.204-227, 2020. (**Book Chapter 11**). |
|  | Subasree S, **Praveen Kumar P K** andArthi U |  Enzyme Inhibitors for Breast Cancer Therapy | Frontiers in Enzyme Inhibition, Bentham Science Publishers,Vol.1, pp.228-262, 2020. (**Book Chapter 12**). |
|  | Lokapriya D and **Praveen Kumar P K** | Enzyme Inhibition Application in treatment of Neurological Disorders | Frontiers in Enzyme Inhibition, Bentham Science Publishers, Vol.1, pp.263-287, 2020. (**Book Chapter 13)** |
| 1.
 | **Dr T Balusamy**T S NSankaranarayananHyung Wook Park | Surface Nanostructuring of Metallic Materials for Implant Appliocations | Nanomaterials and their Biomedical Applications**, Springer,** Vol.16,pp.465-512.**(Book Chapter 16)** |
|  | Mr P BaskaranKaaviya Baskaran**V Rajaraman** | Design of e-water application to maintain the flow of water from common faucets by enabling GSM | Artificial Intelligence Techniques for Advanced Computing Applications, **Springer 2020.** |
|  | Ms T J Jeyaprabha**Dr G Sumathi** | Studies on the Implementation of remote Patient monitoring using wireless pulse Oximeter | Recent Developments in Engineering Research, Vol.7, October 2020. |
|  | **V Rajalakshmi**Sasikala DKala A  | A Predictive Analysis for Heart Disease using Machine Learning | Intelligent Computing and Applications pp.473-479, **Springer**, Singapore, Jan 2021. |
| 1.
 | S.Ramesh, C.Yaashuwanth and K.Prathibanandhi | A conjoint Edifice for QOS QOE through Video Transmission in wireless video sensor network | Lecture notes on Data engineering and Communication Technologies Vol 46 Springer, 2020. |
|  | M. Adimoolam, A. John, N. M. Balamurugan &T. Ananth Kumar | Green ICT Communication, Networking and Data Processing | : Green Computing in Smart Cities: Simulation and Techniques. Green Energy and Technology. Springer, Cham.(2021)  <https://doi.org/10.1007/978-3-030-48141-4_6> |