**SRI VENKATESWARA COLLGE OF ENGINEERING**

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

**Faculty members authored Books and contributed Book chapters (Rs. 50,000/-)**

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| --- | --- | --- | --- |
| **S. No.** | **Name of the Faculty (all coauthors)** | **Title of the Book** | **Details of the Book** |
|  | **R.Muthucumaraswamy**  Applied Mathematics | Transforms and Partial Differential Equations | Yes Dee Publishing Private Limited, Chennai, 2017. |
|  | **E.Rajalakshmi, and Ms. R. Bhuvaneswari**  Computer Science and Engineering | Computer Graphics | Emerald Publishers, Chennai, 2017. |
|  | **Nakkeeran E,** Rathna R, Viveka R  Biotechnology | Mechanism and Action  of *Aureobasidiumpullulans* on  Biosorption of Metals | Waste Bioremediation,Energy Environment, and  Sustainability, Springer Nature Singapore Pvt Ltd., 2018, pp 215-231  **(Book Chapter)** |
|  | Rathna R and **Nakkeeran E**  Biotechnology | Phenol degradation  from industrial  wastewater by  engineered microbes | Bioremediation: Application  For Environmental Protection and Mgmt.,Energy,  Environment, and  Sustainability, Springer Nature Singapore Pvt.Ltd, 2018, pp 253-276, 2018.  **(Book Chapter)** |
|  | Vinoth S and **Vimal KEK**  Mechanical Engineering | Fuzzy Analytical Hierarchical process | Application of fuzzy analytic hierarchy process for prioritizing process sustainability tools.  CRC Press . Ed**.:**Ali Emrouznejad and William Ho., 2017. |
|  | **Dr Vimal KEK** and Jayakrishna Kandasamy Mechanical Engineering | Green Production Strategies for Sustainability | Sensitization of Sustainable Manufacturing Strategies to Benefit Indian SMEs IGI Global Publisher. Ed.  [Sang-Binge Tsai](https://www.igi-global.com/affiliate/sang-binge-tsai/322589/), 2017 |
|  | **Dr D Swaminathan**  Chemical Engineering | Platform Chemical Bio refinery | Future Green Chemistry, Microbiology of Platform Chemical Biorefinery and Metabolic Engineering (Chapter-23), Elsevier, USA, 2017. |
|  | **Dr D Swaminathan**  Chemical Engineering | Platform Chemical Bio refinery: | Enzymes in Platform Chemical Biorefinery (Chapter-24), Elsevier, USA, 2017 |
|  | **Dr D Swaminathan**  Chemical Engineering | Biotechnology and Biochemical Engineering | Influence of Substrate Concentration, Nutrients and Temperature on the Biodegradation of Toluene in a Differential Biofilter Reactor (Chapter-22), Springer, Singapore, 2016 |
|  | **Dr K Manoharan**  Library | Bibliometric Citations in Ph.D. Theses in Library and Information Science | LAMBERT Academic publishing, September 2017 |