# DEPARTMENT OF COMPUTER SCIENCE &ENGINEERING ::  VRSEC

## Student Publications in International Journals

## Academic Year: 2021-22

| S.No | Name of the authors | B. Tech/ M. Tech | Title of the paper | Journal Name | Vol., pp. , Month and Year | Indexing |
|---|---|---|---|---|---|---|
| 1. | M.SaiPravallika,**S.Vasavi**, S.P. Vighneshwar | B.Tech | Prediction of temperature anomaly in Indian Ocean based on autoregressive long short-term memory neural network | Neural Computing and Applications | January 2022 | SCI |
| 2. | **Ch. Rupa**; M. Harshita | B.Tech | Securing Multimedia using a deep learning based chaotic logistic map | IEEE Journal of Biomedical and Health Informatics | Early Access Page(s): 1 - 1 | SCI |
| 3. | G Samhitha Ch.Anusha, **Ch.Rupa** | B.Tech | Hash Based Deep Learning Model To Detect Ships From Satellite Imagery | Journals  Water | Volume 14  Issue 5  10.3390/w14 050707 | SCI |
| 4. | Dr.Ch.Rupa | M. Tech | Multimedia Concealed Data Detection Using Quantitative Steganalysis | Journal International Journal of Digital Crime and Forensics (IJDCF) | Volume 13 | SCI |
| 5. | Dr.Ch.Rupa | B.Tech | Medicine Drug Name Detection Based Object Recognition Using Augmented Reality | Journal Frontiers in Public Health | Volume 10 | SCI |

| | | | | | | |
|---|---|---|---|---|---|---|
| 6. | P.Nikhil Chandra , M. Kalyan , B. Rishi Ram Naik ,**KL Sailaja , Ramesh Kumar P** | B.Tech | A hybrid approach for Landmark label recognition and similar images retrieval Using Resnet50 and Delf | Computer Vision and Image Understanding | Computer Vision and Image Understandi ng (2022). | SCI |
| 7. | **S.Vasavi**, Ch.Divya,A.Sashikan thSarma | M. Tech | Detection of Solitary Ocean Internal Waves from SAR Images by using U-Net and KDV Solver Technique | Global Transitions Proceedings | Volume 2, Issue 2, November 2021, Pages 145-151 | Science Direct Scopus |
| 8. | N. Sandeep, **S. Vasavi**, G. Shruthi | B.Tech | Channel Attribution Using Markov Chain model | Online Journal of Qualitative Inquiry (TOJQI) | Vol 12, Issue 6, July 2021: 2544–2551 | Scopus |
| 9. | P. Jaya Sai, M. Bhanu Prasad, S. Vasavi, G. Geetha | B.Tech | A framework for Sea breeze Front Detection from Coastal Regions of India Using Morphological Snake Algorithm | ECS Transactions | Volume 107, Number 1 | Scopus |
| 10. | B. Naga Varun **S. Vasavi** SreyaBasu | B.Tech | Python Implementation of intelligent system for Quality Control of Argo Floats using Alpha Convex Hull | International Journal on Recent and Innovation Trends in Computing and Communication | Volume: 10 Issue: 5 **DOI:** https:// doi.org/10.1 7762/ijritcc. v10i5.5554 | Scopus |
| 11. | **Ch.Rupa,**Sk.Sumaya | M. Tech | RS-Based Multimedia concealed data detection | Journal of Institution of engineers | Series B volume 10 3, pages607– 613 (2022) | Scopus |
| 12. | D.N.V.S.L.S. Indira, **M.Sobhana**,T. Sumallika, M.Vijaya Sudha | B.Tech | An Artificial Intelligence based weed classification using VGG 16 Classifier and RMSPROP Optimizer | Journal Of Theoretical and Applied Information Technology | 15th March, 2022 | Scopus |

| 13. | PrasanthiJ .G **Anuradha** | M. Tech | Face Transferring on Webcam images using Style GAN | Journal of Physics: Conference | Series, Volume2062,(2021) 012011 | Scopus |
| 14. | A. Eswar Bhargav, M. Sriharsha, D. Sai Ram, P. Pavan, A.Likith, **S.Rajesh** | B.Tech | Handwritten Digit Recognition using CNN | Turkish Online Journal of Qualitative Inquiry (TOJQI) | Volume 12, Issue 7, July 2021 pp.12188-12194 | Scopus |
| 15. | **Mastan Mohammed MeeraDurga,**V.Raga sinhuja,M.Sai Subash,J.Srinivasulu, G.Emmanuel | B.Tech | Covid Support System for Home Isolation Patients | International Journal of Engineering Research in Computer science & Engineering | Vol 8, Issue 10,October 2021 | Scopus |

# Publications in International Conferences

## Academic Year: 2021-22

| S. No | Name of Authors | B. Tech/ M. Tech | Title of the paper | Title of the event | Organizer Details, Venue, Date, etc | Indexing |
|---|---|---|---|---|---|---|
| 1. | P.D N Harsha Sai; V.V Sai Kiran; K. Rohith; **D RajeswaraRao** | B. Tech | Identification of missing person using convolutional neural networks | 2022 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS) | 07-09 April 2022 Erode, India | Scopus |
| 2. | **DuvvadaRajeswara Rao;** Shaik Noorjahan; Shaik Ayesha Fathima | B. Tech | Classification of land cover usage from satellite images using deep learning algorithms | 2022 International Conference on Electronics and Renewable Systems (ICEARS) | 13 April 2022 Tuticorin, India | Scopus |
| 3. | Chandragiri Sandeep; Yellepeddi Srikar; Kodali Rajani; **DuvvadaRa jeswara Rao** | B. Tech | Mineral Identification using CNN | 2022 International Conference on Electronics and Renewable Systems (ICEARS) | 16-18 March 2022 Tuticorin, India | Scopus |
| 4. | HafeezaSamreen; Su priyaKatragadda; **S. Vasavi;** K. Venu Gopala Rao | B. Tech | Change Detection Classification of Buildings from Satellite Images of Urban Area using Deep Learning Techniques | Second International Conference on Artificial Intelligence and Smart Energy | February 23$^{rd}$ – 25$^{th}$ 2022 | Scopus |
| 5. | Y. Vedavyas, S. Sri Harsha,M. Sai Subhash, Dr. **S. Vasavi** | B. Tech | Quality Enhancement for Drone Based Video using enhanced super-resolution generative adversarial networks for FPGA Integration | Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2022) | March 16$^{th}$ 10 18$^{th}$ 2022 | Scopus |

| | | | | | | |
|---|---|---|---|---|---|---|
| 6. | LakkireddyArundhat hi, Saripalli Krishnaveni, Dr. **S.Vasavi** | B. Tech | Multi-Objective Virtual Machine Placement using Order Exchange and Migration Ant Colony System algorithm | Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2022) | March 16th 10 18th2022 | Scopus |
| 7. | V. Sri Chandana, Dr. **S.Vasavi** | M. Tech | Autonomous drones-based forest surveillance using Faster R-CNN | Proceedings of the International Conference on Electronics and Renewable Systems (ICEARS 2022) | March 16th to 18th ,2022 | Scopus |
| 8. | Charani Sri Veerla; Twinkle Mounami David Budithi; Dr. **Srinivas Kudipudi** | B. Tech | Classification of water vessels using transfer learning; a comparative study | 2022 International Conference on Electronics and Renewable Systems (ICEARS) | 16-18 March 2022 Tuticorin, India | Scopus |
| 9. | D. Sri Harsha; S. Praneetha; V. Swetha; P. Dinesh; Dr.**K. Suvarna Vani** | B. Tech | Evaluation of support to beneficiaries under PMAY using clustering techniques | 2nd Global conference for Advancement in Technology | 1st-3rd October,2021 10.1109/GCAT52182.20 21.9587732 | IEEE |
| 10. | Ch. Anusha; **Ch. Rupa;** G. Samhitha | B. Tech | Region based detection of ships from remote sensing satellite imagery using deep learning | 2022 2nd International Conference on Innovative Practices in Technology and Management (ICIPTM) | 23-25 February 2022 Gautam Buddha Nagar, India | Scopus |
| 11. | Ch. Roop Kumar, D. Kamala Surya Teja, K. Pavan,**Ch.Rupa** | B. Tech | Secure Smart Room with Intelligent Power Management | ICEARS 2022, | 16-18 March, 2022 | Scopus |
| 12. | Naga vivek, **Rupa ch**, Venkata udayakiran p, lokeshch | B. Tech | PAW patrol: IoT based smart wearable device for protection against violence on pedophile Alzheimer's | 2022- 6th international conference | 23rd to 25th Feb,2022 | IEEE |

| | | | | | | |
|---|---|---|---|---|---|---|
| 13. | Dr.Ch. Rupa | B. Tech | Privacy Protection of Digital Information using Frequency Domain Watermarking Technique | 2021 4th International Conference on Recent Trends in Computer Science and Technology (ICRTCST) Pages 202-206 | | Scopus |
| 14. | Dr.Ch. Rupa | B. Tech | Bonafide Satellite Landslide Image Detection Using Deep Learning | International Conference on Computing in Engineering & Technology Pages 21-28 | | Scopus |
| 15. | Dr.Ch. Rupa | B. Tech | Vyayam: Artificial Intelligence based Bicep Curl Workout Tacking System | 2021 International Conference on Innovative Computing, Intelligent Communication and Smart Electrical Systems (ICSES) | 24-25 September 2021 Chennai, India https://doi.org/10.1109/ICSES52305.2021.9633841 | Scopus |
| 16. | Dr.Ch. Rupa | B. Tech | Intelligent Secure Smart Locking System using Face Biometrics | 2021 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT) | 27-28 August 2021 Bangalore, India https://doi.org/10.1109/RTEICT52294.2021.9573869 | Scopus |
| 17. | ThasneemRafathSk; V. Komalatha; G. Sandeep; K. Bhanu Rekha; **S. Ravi Kishan** | B. Tech | Classification and Separation of Whatsapp images using Machine Learning | (IEEE) 2nd International Conference on Smart Electronics and Communication ICOSEC 2021 | Trichy, India 07-09 October 2021 | Scopus |
| 18. | V Geethika, V Naveena, V Surendhrav, **S Ravi Kishan** | B. Tech | Meeting Summarizer | The 6th International Conference on Trends in Electronics and Informatics (ICOEI 2022)" | April 28 - 29 2022 | Scopus |
| 19. | Shaik, .B., Jonnadula, P., Bhukya, K.B., Ratlavat, | | Internet of Things based Smart Irrigation Motor System | Proceedings - 2nd International Conference on Smart Electronics and Communication, ICOSEC | 7-9, October 2021 Kongunadu College of Engineering and | Scopus |

| | | | | | | |
|---|---|---|---|---|---|---|
| | B., **Surapaneni, R.K.** | B. Tech | | 2021, 2021, pp. 102–107 | Technology https://doi.org/10.1109/IC OSEC51865.2021.9591925 | |
| 20. | J.Prashanthi,**Dr. G Anuradha** | M. Tech | Survey On Personality Detection Using Deep Learning Techniques | 6th international conference in communication and electronics systems | PPG Instuite of Technology, coimbatore | Scopus |
| 21. | Hemanth.P P.Subash guy S.Venkatesh S.Loksai Manohar **Dr.P.Ramesk Kumar** | B. Tech | IWePam - Intelligent Warehouse Environmental Parameters Analysis and Monitoring | International Conference onTechnology, Research, and Innovation for Betterment of Society TRIBES-2021 | IIIT Nava Raipur, Chhattisgarh (India) December 17 - 19, 2021 | Scopus |
| 22. | Dr.P.Ramesh Kumar K sainath Dr. K.L. Sailaja | B. Tech | Yara Capper YARA rule-based automated system to detect and alert network attacks | Communications in Computer and Information Science (CCIS) | | Scopus |
| 23. | Dr.P.Ramesh Kumar K.Ram Kumar | B. Tech | Virtual Background for Video Conference using Deep Lab model | International conference on Recent Trends in Parallel and Distributed Processing Techniques | Department of ECE, Galgotias College of Engineering & Technology, Greater Noida. | Scopus |
| 24. | Kommuri Mohana Lakshmi Durga, Polukonda Jyotsna,**Kranthi Kumar, G**. | B. Tech | A deep learning based Human Activity Recognition model using short term memory networks | International Conference on Sustainable Computing and Data Communication Systems ICSCDS-2022 | 7-9, April 2022 Shree Venkateshwara Hi-Tech Engineering College Erode, India | Scopus |
| 25. | RouthuRamyaDedee pya, LikhithaKoneru, Lakshmi Angadi, **KranthiKumar G,** | B. Tech | Stress Management System | DELCON 2022. | NetajiSubhas university of Technology, New Delhi, India 11-13th Feb 2022 | IEEE |
| 26. | Divyasaiasanvithagu ndala, Saranya, AsmiFirdaus, **Kranthi Kumar G,** | B. Tech | Implementing Augmented Reality Using Opencv, | DELCON 2022. | NetajiSubhas university of Technology, New Delhi, India 11-13th Feb 2022 | IEEE |

| 27. | Ramya Patibandla; YukthiSr avaniTummalapalli; Sneha Lingamaneni; Kuma ri A Prasanna**; K. Praveen kumar** | B. Tech | Efficient Recommender System for Over-the-Top Media Service | 2021 2nd Global Conference for Advancement in Technology (GCAT) | 1-3 Oct. 2021 DOI: 10.1109/GCAT521 82.2021.9587630 | Scopus |
|---|---|---|---|---|---|---|
| 28. | Rachana Koniki; Mounika Durga Ampapurapu **K. Praveen kumar** | B. Tech | An Anomaly Based Network Intrusion Detection System Using LSTM and GRU | 2022 International Conference on Electronic Systems and Intelligent Computing (ICESIC | 22-23 April 2022 https://doi.org/10.1109/I CESIC53714.2022.9783 500 | Scopus |
| 29. | V.RagaSinhuja **M.Sobhana** | B. Tech | Deep learning based Mobile based mobile application for nutrient deficiency identification of rice plants using ADAM optimizer | DELCON 2022 | 11h-13th February,2022 | IEEE |
| 30. | PragathiTummala; **M Sobhana;** Sruthi Kakumani | B. Tech | Predicting crop yield with NDVI in back scatter values using deep neural networks | MECON 2022, | Amity University, UP,10th-11th March,2022 | IEEE |
| 31. | **M. Sobhana**; Gajula Siva Sai Preethi; Guttikonda Harsha Sri; Kancharla Bhanu Sujitha | B. Tech | Improved reliability prediction in engineering systems based on artificial neural networks | MECON 2022, | Amity University, UP,10th-11th March,2022 | IEEE |
| 32. | Y. Bhavya. Sri, Y. Sravani, Y. B. Sai Surendra, S. Rishitha **M. Sobhana.** | B. Tech | Family Expenditure and Income Analysis using Machine Learning algorithms | Second International Conference on Smart Technologies in Computing, Electrical and Electronics (ICSTCEE), 2021, | Reva University Date:16th nd 17th December 2021 doi: 10.1109/ICSTCEE54422 .2021.9708583. | scopus |

| 33. | P Nikhil Chandra, M Kalyan, B Rishi Ram Naik, **KL Sailaja, Ramesh Kumar P** | B. Tech | Landmark Recognition and Retrieval using ResNet50 and DELF | International Conference on Computer Networks and Inventive Communication Technologies | RVS Technical Campus, Coimbatore, India 1$^{st}$ -2$^{nd}$ April 2022 | Scopus |
|---|---|---|---|---|---|---|
| 34. | T SasankDattu, D Bhargav Reddy, M Charan Teja, **K L Sailaja, Ramesh Kumar P** | B. Tech | Coastline change detection using K-means clustering and Canny Edge detector on satellite images | International Conference on Computer Networks and Inventive Communication Technologies | RVS Technical Campus, Coimbatore, India 1$^{st}$ -2$^{nd}$ April 2022 | Scopus |
| 35. | P.Tejaswi, M.LakshmiHimaBindhu, K. Chandana Bai, **J V D Prasad** | B. Tech | Detection and counting of trees in aerial images using image processing techniques | Published in Conference proceedings of INDIA-2022, | 25th-26th Feb 2022,BVRIT,Hyderabad | Scopus |
| 36. | K. Sai Kumar, M. Sai Sathya, A. Nadeem, **S Rajesh** | B. Tech | Disease Predictions based on symptoms using Database and GUI | Presented in IEEE Conference ICCMC 2022, | 29$^{th}$ -31$^{st}$ MARCH 2022 | Scopus |
| 37. | A.Surya Teja A.Sai Abhay D.Mounika **M.VaniPujitha** | B. Tech | Autism Spectrum Disorder Detection Techniques | International Conference on Communication, Computing, and Internet o things | Sai Ram Engineering College, Chennai, 10$^{th}$-11$^{th}$ March ,2022 | Scopus |
| 38. | SasankTadepalli, Mohan Thulluri, Rishitha Pamula, UdayabhanuPetha, **Ranga Rao J** | B. Tech | Smart systems to answer questions about visual content | International Conference on Recent Trends in Technology and Management | 17$^{th}$ nov,2021 | Scopus |
| 39. | Sk. Tajuddin, G. Leela madhuri , K. Lalitha Ram,**J.Ranga Rao** | B. Tech | Health status prediction using big data analytics | IEEE Conference ICCMC | 2022, 29-31 MARCH 2022 | Scopus |
| 40. | Pradeep K; Likhita T; Sai Pavan | | Machine learning based approach to | 2022 6th International Conference on Computing | 29-31 March 2022 Erode, India | Scopus |

| | | | predict energy consumption of India states | Methodologies and Communication (ICCMC) | | |
|---|---|---|---|---|---|---|
| | V; **Raghu Vira Pratap A** | B. Tech | | | | |
| 41. | I Niteesh.; Mohith Sai Venkat.A; SkVahed. ; Naga Dattu.P; **M Srilatha**. | B. Tech | Classification and prediction of snake spicies using machine learning | 2$^{nd}$ global conference for advancement in technology IEEE | Nagarjuna college of engineering and technology, Bangalore Oct 1-3,2021 | Scopus |
| 42. | A.Meghana  K.T.V. S.SridharM.Manasa - Ch.SaiGreeshmanh **S.Rajeswari** | B. Tech | Classification of Road Cracks using Deep Neural Networks | 2nd International Conference on Smart Electronics and Communication (ICOSEC) | Kongunadu College of Engineering and Technology, Trichy, TN 7-9, October 2021 | scopus |
| 43. | Preethi B; **Ch. Anuradha;** Harshith a I; Monika M | B. Tech | Underwater image enhancement and super Resolution based on deep CNN method | 2022 8th International Conference on Smart Structures and Systems (ICSSS) | 21-22 April 2022 Chennai, India 10.1109/ICSSS54381.20 22.9782177 | Scopus |
| 44. | MarreddyRashmitha ;  Rayidi Jagadeesh Babu; Byraboyina Sumathi; Mundru Samuel Mories; Vemuri Sravani**Ch. Raga Madhuri** | B. Tech | Covid contentment contribution | International Conference on Electrical, Electronics, Communication, Computer Technologies, and Optimization techniques, | GSSS Institute of Engineering &Technology for women, Mysusru, 10$^{th}$ December,2022, | Scopus |
| 45. | Teja, ArvapalliSurya,Hem anthKumar,CharanT atineni, Sri PhaniKiran Kumar, K., **Suresh babu dasari** | B. Tech | Internet of Things based UV Automobile Sanitization | Proceedings - 2nd International Conference on Smart Electronics and Communication, | ICOSEC 2021, 2021, pp. 608–613 | Scopus |

| | | | | | | |
|---|---|---|---|---|---|---|
| 46. | Hema Pallevada, Gayathri Phani Kumar Kanuri, SravaniPosina, Satyendra Paruchuri, **Mukesh Chinta** | B. Tech | Block chain based Decentralized Vehicle Booking Service | 2nd International Conference on Smart Electronics and Communication ICOSEC 2021 | 7-9, October 2021 Kongunadu College of Engineering and Technology IEEE explore | Scopus |
| 47. | G. Roshini, Y. Kavya, R. Hareesh, M. Suma, **N. Sunny** | B. Tech | Driver Distraction and Drowsiness Detection System | 2021 InterationalConference on Intelligent Technologies (CONIT) | K.L.E Institute of Technology, Hubbali, Karnataka, Dates: June 25$^{th}$ to 27$^{th}$, 2021 | Scopus |
| 48. | PavanSaiManam, RoshiniChalasani, Lakshmi Sri Katikala, SudheerKolli, VenkataHemaSaiKondapalli, **Sunny Nalluri** | B. Tech | Iot Based Automatic Saline Monitoring System using Node MCU | 2$^{nd}$ International Conference on Smart Electronics and Communication (ICOSEC 2021) | Kongunadu College of Engineering and Technology, Tirichy, India. Date: 7$^{th}$ to 9th October, 2021 | IEEE |
| 49. | M.V.Sowmya Lakshmi, **Prabu.U**, L.Chandana, **Sunny.N** | B. Tech | An Enhanced Driver Drowsiness Detection System using Transfer Learning | 5$^{th}$ International Conference on Electronics, Communication and Aerospace Technology (ICECA 2021) | **RVS Technical Campus, Chennai** Dates: December 02$^{nd}$ to 04$^{th}$ 2021 | Scopus |
| 50. | G.V.DhruvaKumar, N.Vineela, **V.Deepa**, G.Emmanuel | B. Tech | Detection Of Parkinson's deisease using Light GBM Classifier | 6$^{th}$ International conference on computing methodologies and communication | 29$^{th}$-31$^{st}$ March,2022 | IEEE |
| 51. | DodlaNavya Shree; Dodda Venkata Lohitha Krishna; Rizwan Patan | B. Tech | Securing health care data using de centralized approach | 2022 International Conference on Electronics and Renewable Systems (ICEARS) | 13 April 2022 Tuticorin, India | Scopus |
| 52. | Ch. Gayatri, Tejasri, Jacob, **VVNV Phani** | | Energy Efficient Virtual Machine | International Conference on Electronics and Rnewable | | Scopus |

| | | B. Tech | Placement using Flower Pollination Algorithm | Systems | | |
|---|---|---|---|---|---|---|
| 53. | R. Jaswanthi, E. Amruthatulasi Ch. Bhavyasree,**Asutosh .S** | B. Tech | A hybrid Network based on GAN and CNN for food segmentation and calorie estimation | International Conference on Sustainable Computing and Data Communication Systems. | | Scopus |
| 54. | MukkamalaNamitha Mulugu Suma Anusha Gampa Bhavana **Mukesh Chinta** | B. Tech | Prediction of Severity after Lung Cancer Surgery | 2022 8th International Conference on Smart Structures and Systems (ICSSS) | 21-22 April 2022 Chennai, India 10.1109/ICSSS54381.20 22.9782291 | Scopus |
| 55. | Manikanta Kumar Sangoju; Dhaanya Sai Garapati; Shyam Naik Mudu; **Ch.Raga Madhuri** | B. Tech | User personality prediction in rumor propagation across digital footprints | 2022 8th International Conference on Smart Structures and Systems (ICSSS) | 21-22 April 2022 Saveetha Engineering college Chennai, India | Scopus |
| 56. | Araveeti Venkata Sai S,Medikonda Sandeep, GogineniNithin Teja, K S Vijaya Lakshmi &  Dr. Koneru Suvarna Vani | B. Tech | Frontal Face Outline Generation | International conference on computing sciences | Chennai 24th April 2022 | others |
| 57. | AVL Lahari N Neelima V Krishna Rohith M. Sobhana | B. Tech | Automatic Cephalometric Analysis using machine learning | 2nd  International Conference on Intelligent technologies | 24th – 26th June, 2022 KLE Institute of Technology,Hubballi. | IEEE |
| 58. | Bhavani A, Ekshitha Y, Mounika A, Prabu U | B. Tech | Reinforcement Learning based Traffic Engineering in SDN: Problem | 6th International Conference on Inventive Communication and Computational Technologies ICICCT 2022 | 12-13 May, 2022 | Scopus |

| | | | Formulation, Parameters,and Topology | | | |
|---|---|---|---|---|---|---|
| 59. | Bhavani A, Ekshitha Y, Mounika A, Prabu U | B. Tech | A Study on Reinforcement Learning based Traffic Engineering in Software Defined Networks | 5th International Conference on Computer Networks and Inventive Communication Technologies ICCNCT 2022 | 1-2 April, 2022 | Scopus |
| 60. | G Anuradha | B. Tech | Road extraction using CNN & Swarm Intelligence from Remote sensing Images | International Conference on Machine Learning Big Data Management Cloud and Computing | 13thJune, 2022 Asian Society of academic research | Scopus |
| 61. | Tajuddin Sk; Leela Madhuri G; Lalitha Ram K; Ranga Rao J | B. Tech | Health status prediction using ML techniques | 2022 6th International Conference on Computing Methodologies and Communication (ICCMC) | 29-31 March 2022 Erode, India | Scopus |

# Book chapters

| S.No | Name of Authors | B. Tech/ M. Tech | Title of the paper | Title of the event | Publisher | Indexing |
|------|-----------------|------------------|---------------------|--------------------|-----------|----------|
| 1. | M.SaiPravallika,B.NagaVarun,S.Vasavi, N.Sandeep, M.Jayapriya, A.SashikanthSarma | B. Tech | Ocean Wave Modelling from Satellite Images Using Data Assimilation | International Conference on Data Science and Applications | SPRINGER | Scopus |
| 2. | SravyaMadala, **Vani K. Suvarna** & PranathiJalapally | M. Tech | Framework for Diabetic Retinopathy Classification | 5$^{th}$ International conference on Smart Computing & Informatics | SPRINGER | Scopus |
| 3. | K. Divya, Sk. Sana, H. Bhavana, V. Vasanthi & **K. Praveen Kumar** | B. Tech | Robotic Vehicle Control by Hand Gestures of Authorized Users | Proceedings of Third International Conference on Intelligent Computing, Information and Control Systems | SPRINGER, 2022. | Scopus |
| 4. | P. L. Charitha, M. Mydhili, N. Khyathi, P. Pavithra & G. Anuradha | B. Tech | Detection of weed plants using Image processing and deep learning techniques | 2nd International conference on image processing and capsule networks(ICIPCN-2021) | SPRINGER | Scopus |
| 5. | SaiPravallika, G., Lakshmi Akhila, M., Divya, M., MadhuBabu, T., &Kranthi Kumar, G. | B. Tech | Hand Gesture Controlled Contactless Elevator. | In Inventive Communication and Computational Technologies | SPRINGER, 2022. | Scopus |
| 6. | Aishwarya Chengalvala, Divya Sai AsanvithaGundala, NallamothuLakshmi | B. Tech | Mobile Application to Digitalize Education Volunteer Process | Information and Communication Technology for Competitive Strategies (ICTCS 2021) | SPRINGER, 2022. | Scopus |

| | | | | | | |
|---|---|---|---|---|---|---|
| | Hemanth, Sethu Sandeep Kadiyala & **G. Kranthi Kumar** | | | | | |
| 7. | ChiruhasBobbadi, Edison Nalluri, JashuvaChukka, Moh ammad wajahatullah & **K. L. Sailaja** | B. Tech | HsvGvas: HSV colour model to recognize Greenness of Forest land for the estimation of change in the Vegetation Areas | International Conference on Computer Vision and Robotics | SPRINGER, 2022. | Scopus |
| 8. | Badri Deva Kumar, **M. Sobhana**, JahnaviDuvvuru, Chalasani Nikhil, Gopisetti Sridhar | B. Tech | Precision Agriculture Farming By Monitoring And Controlling Irrigation System Using Sensors | 5th International Conference on Intelligent Data Communication Technologies and Internet of Things (ICICI 2021) | SPRINGER, 2022. | Scopus |
| 9. | M.Sailendra Raju, **J V D Prasad** | M. Tech | Land Cover change detection on sentinel-2 using GDAL & NDVI | ICICSE-2021 | SPRINGER, 2022. | Scopus |
| 10. | **K.S.VijayaLakshmi**, A. Siva Balaji, N. GunadeepVignan, D. S. V. N. S. S. Anudeep, Md. Tayyab ... | B. Tech | Cricket Commentary Classification | International Conference on Intelligent Data Communication Technologies and Internet of Things | SPRINGER 2022. | Scopus |
| 11. | P. G. L. Sahithi, V. Bhavana, K. ShushmaSri, K. Jhansi & **Ch. Raga Madhuri** | B. Tech | Speech Mentor for Visually Impaired People | SCI-2021 | SPRINGER, 2022. | Scopus |
| 12. | Md. AzmathHussain, N.SasiKiran, A.RaviTeja, Y.Nikhil, G. VenkataPrashanth, **Mastan Mohammed MeeraDurga** | B. Tech | Prediction of Diabetes and Recommendation of Insulin Dosage for Diabetic Patients | 2nd International Conference on Computer Vision, high Performance Computing, Smart Devices, and Networks (CHSN-2021) | SPRINGER, 2022. | Scopus |

| 13. | Aishwarya Chengalvala, Divya Sai AsanvithaGundala, N allamothu Lakshmi Hemanth, Sethu Sandeep Kadiyala & **G. Kranthi Kumar** | B. Tech | Mobile Application to Digitalize Education Volunteer Process | Information and Communication Technology for Competitive Strategies (ICTCS 2021) | SPRINGER, 2022. | Scopus |
|-----|---|---|---|---|---|---|
| 14. | Ch. Lakshmi Chandana, V. Ashita, G. Neha, K. Sravan Kumar, **D. Suresh Babu, G. Krishna Kishore** & Y. Vijaya Bharathi | B. Tech | Voice-Enabled Virtual Assistant | Lecture Notes on Data Engineering and Communications Technologies d2022, 93, pp. 335–346 | SPRINGER, 2022. | Scopus |