

CURRICULUM VITAE

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| <p>Dr. Y. MURALI MOHAN BABU Professor, ECE Department SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES (Autonomous, NAAC & NBA Accredited & ISO Certified Institution) Chittoor Dist., Andhra Pradesh - 517127.</p> |  |
| <p>Mobile Number: +91- 8187826124 E-mail: kisnamohanece@gmail.com</p> | |

I. OBJECTIVE

Quest to work in a very competitive, research and professional environment that gives a scope for learning the latest and emerging technologies

II. EDUCATIONAL PROFILE

1. **Ph.D.** (Radar Image Processing) from **JNTUA Anantapuramu**, Anantapuramu in March **2016**.
2. **M.E.** (Microwave & RADAR Engineering) from **Osmania University Campus**, Osmania University in June 2006 with First Class.
3. **B.Tech.** (Electronics & Communication Engineering) from **JPNCE, Mahaboob Nagar (JNTUH, Hyderabad)** in June 2001 with First Class.

III. WORKING EXPERIENCE: (UP TO: 30.04.2021) (19 YEARS - 9 MONTHS)

1. Working as a **Professor** in Tirumala Engineering College (TEC) (NAAC & NBA Accredited & ISO Certified Institution), Narasaraopeta, Guntur, AP from March 2021. (2 Months)
2. Worked as a **Dean-R&D** and **Professor** in Sreenivasa Institute of Technology and Management Studies (SITAMS) (Autonomous, NAAC & NBA Accredited & ISO Certified Institution), Chittoor, AP from May 2018 to February 2021. (2 Years - 10 Months)
3. Worked as a **Professor** in Sri Venkateswara College of Engineering and Technology (SVCET) (Autonomous, NAAC & NBA Accredited & ISO Certified Institution) Chittoor, AP from July 2014 to April 2018. (3 Years - 10 Months)
4. Worked as **HOD** and **Associate Professor** in Sri Sai Institute of Technology and Science (SSITS), Rayachoty, Kadapa, AP from July 2007 to June 2014. (7 Years)
5. 1) Worked as an **Associate Professor** in Jaya Prakash Narayana College of Engineering, Mahaboob Nagar, AP from August 2006 to June 2007. (11 Months)
2) Worked as an **Assistant Professor** in Jaya Prakash Narayana College of Engineering, Mahaboob Nagar, AP from August 2001 to July 2006. (5Years)

IV. SUBJECTS HANDLED

| | |
|--|------------------------------|
| Electro Magnetics and Transmission Lines | Signals and Systems |
| Electronic Devices and Circuits | Electronic Circuits Analysis |
| Switching Theory and Logic Design | Digital Image Processing |
| Linear and Digital IC Applications | Digital Signal Processing |
| Linear IC's and its Applications | Analog Communications |
| Microprocessor & Microcontrollers | Microwave Engineering |
| Satellite Communications | Radar Engineering |
| Optical Communications | Industrial Engineering |
| Communication Theory | VLSI Design |
| Digital Logic Design | |

V. SOFTWARES KNOWN

| | |
|--------|-----------|
| ENVI | ERDAS |
| ARCGIS | NEST |
| QGIS | SARSCAPE |
| MASM | POLSARPRO |
| MATLAB | EESOFTE |

VI. FIELD OF INTEREST

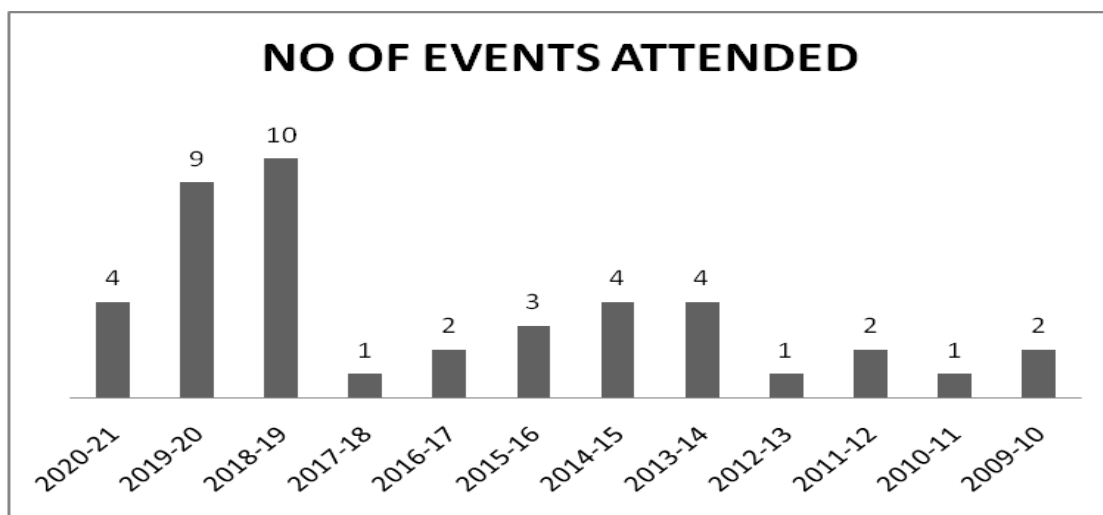
| | |
|---------------------------|----------------------------|
| Digital Image processing | Remote Sensing |
| Digital Signal Processing | Radar Image Processing |
| Microwave Engineering | Satellite Image processing |
| Machine Learning | Embedded Systems |

VII. MEMBERSHIPS - 4

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|-------|-------------|
| MIE | - M 1633710 |
| IAENG | - 163103 |
| ISRS | - L 4141 |
| ISTE | - LM 118977 |

VIII. TRAINING COURSES/ ONLINE COURSES/ FDPS/ WORKSHOPS/ SEMINARS, QUIZZES AND WEBINARS ATTENDED - 43

| | |
|-------------------------|-------------|
| Training Courses | - 09 |
| FDPs | - 14 |
| National Workshops | - 13 |
| International Workshops | - 02 |
| STTPs | - 01 |
| Webinars | - 02 |
| Quizzes | - 02 |
| Total | - 43 |



TRAINING COURSES -09

1. Attended a “Two months NNRMS-ISRO sponsored course” on “RS & GIS APPLICATIONS TO CARTOGRAPHY AND MAPPING” conducted by **IIRS, Dehradun, (ISRO)** from 6th May to 28th, June 2013.
2. Attended a “Two months EDUSAT course” on “MICROWAVE REMOTE SENSING” conducted by **IIRS, Dehradun, (ISRO)** from 1st April to 30th, May 2014. **(EDUSAT PROGRAM)**
3. Attended a “Two weeks Training programme” on “MICROWAVE REMOTE SENSING” conducted by **NRSC, Hyderabad, (ISRO)** from 21st April to 2nd May, 2014.
4. Attended a “Two weeks Training programme” on “NANO TECHNOLOGY AND MEMS” conducted by **SVCET, Chittoor** from 18th May to 30th, May 2015.

5. Attended a “Ten days Training Programme on “BIGDATA ANALYTICS” conducted by **SVCET, Chittoor** from 9th to 18th June 2016.
6. Attended a series of webinars for “IUCEE International Engineering Certification Program (**IIEECP**)” organized by **IUCEE** at **SVCET, Chittoor** from September, 2016 to August, 2017.
7. Attended a series of web seminars for “Web of Science Certification” program organized by **Clarivate Analytics** from December 7th, 2018 to January, 15th 2019.
8. Attended a Five days Training Programme on “Certificate Course on Effective Patent Drafting” conducted by **Anna University, Chennai** from 7th to 11th January 2019.
9. Attended a series of web seminars for “Technical Writing for Scientists and Engineers” program organized by **IEEE** and obtained the certificate on 13-03-2019.

FDPs -14

10. Attended a “One week FDP programme” on “**Deep Learning**” conducted by SVEC, Tirupathi in association with **NIT Warangal**, from 20st May to 25th May, 2019.
11. Attended a “One week FDP programme” on “**Speech Processing**” conducted by Sphoorthy Engineering College, Hyderabad in association with **NIT Warangal**, from 17st May to 22nd May, 2019.
12. Attended a one day FDP program on “Leadership & Team Building Skills” conducted by **SVCET, Chittoor** on 1st August 2014.
13. Attended a two days FDP program on “Being an effective team player & effective presentation skills required by teachers” conducted by **SVCET, Chittoor** from 2nd to 3rd August 2014.
14. Attended a two days FDP program on “Role Model” conducted by **SVCET, Chittoor** from 24th to 25th, September 2016.
15. Completed NPTEL FDP program on “Roadmap for patent creation” conducted by **IIT, Madras** on 31st March 2019. (8 week course)
16. Completed NPTEL FDP program on “Patent Drafting for Beginners” conducted by **IIT, Madras** on 31st March 2019. (4 week course)
17. Attended and Received Silver in NPTEL course on Machine Learning conducted by **IIT, Madras** on September 2019. (8 week course)
18. Attended a three day FDP on “IoT, AI & ML: Industrial Perspective” conducted by **SVCET, Chittoor** from 5th to 7th, June 2020.

19. Attended a one week FDP on “Research trends in image processing” conducted by **GATES, Gutti** from 15th to 19th, June 2020.
20. Attended a one week FDP on “Artificial Intelligence” conducted by LIET, **Banglore** from 22nd to 26th, May 2020.
21. Attended a one day FDP on “Machine Learning” conducted by SREC, **Nandyal** on 2nd, May 2020.
22. Attended a one week FDP on “Recent Advances in Electronics & Communication Engineering” conducted by LIET, **Banglore** from 20th to 26th, July 2020.
23. Attended a one week FDP on “Scilab” conducted by **GIST, Nellore** from 11th to 16th, May 2020.

NATIONAL WORKSHOPS - 13

24. Attended a one day National Level Workshop on “Wavelets & Its applications in power systems” conducted by **VITS, Proddutur** on 3rd April 2010.
25. Attended a two days National Level Workshop on “Advanced Radar Signal Processing” conducted by **SV University, Tirupati** from 1st to 2nd, May 2010.
26. Attended a two days National Level Workshop on “Advances in Signal & Image processing” conducted by **JNTU, Kakinada** from 25th to 26th, February 2011.
27. Attended a one day National Workshop on “Digital Image Processing” conducted by **MITS, Madanapally** on 30th September 2011.
28. Attended a one week National Level Workshop on “Digital Image Processing using MATLAB - Level - 2” conducted by **REC, Chennai** from 23rd - 28th, April 2012.
29. Attended a two days National Workshop on “VLSI and Signal Processing” conducted by **SVCET, Chittoor** from 1st to 2nd, February 2013.
30. Attended a two days National Workshop on “NBA Accreditation” conducted by **MITS, Madanapalle** from 9th to 10th October 2015.
31. Attended a Two days workshop on “Outcome based education”, conducted by **SVCET, Chittoor** from 6th to 7th, June 2016.
32. Attended one day workshop on “Applications of Matlab”, conducted by **SVCET, Chittoor** from 27th, August 2016.
33. Attended a one day workshop on “DST NIMAT” conducted by **SVCE, Tirupati** on 19th, December 2018.

34. Attended One day workshop on “Consortium of Library Resources and DELNET Services” conducted by **JNTUA, Ananthapuramu** on 8th May 2019.
35. Attended a three day workshop on “Fundamentals of Deep Learning For Computer Vision” conducted by **NVIDIA** from 24th to 26th, March 2020.
36. Attended a one day workshop on “A live webinar on artificial intelligence-machine learning” conducted by **GITS** on 29th, May 2020.

INTERNATIONAL WORKSHOPS - 02

37. Attended a two days International Level Workshop on “UIM” conducted by **NRSC, Hyderabad** from 20th to 21th, January 2014.
38. Attended a three days International Workshop On “FPGA Based Embedded Systems Design” conducted by **SVCET, Chittoor** from 5th to 7th, September 2014.

STTPs - 01

39. Attended a one week STTP on “Challenges and Research Opportunities in the area of Communication & Signal Processing” conducted by **CMR, HYD** from 20th to 24th, July 2020.

WEBINARs -02

40. Attended a one day webinar on “Research Metrics in Scientific Publications” conducted by **MLRIT** on 8th, June 2020.
41. Attended a one day webinar on “Webinar on Cyber Security” conducted by **KMMITS** on 7th, August 2020.

QUIZZES -02

42. Attended a two day quiz on “Computer Vision and Image Processing--Industrial Scope” conducted by **RISEKS** from 13th to 14th, July 2020.
43. Attended a one day quiz on “National Level Quiz on Digital Image Processing” conducted by **GPRCE** on 24th, June 2020.

IX. ORGANIZED FDPs, WORKSHOPS, SEMINARS, CONFERENCES AND FDPS - 15

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|--------------------|-------------|
| FDPs | - 01 |
| National Workshops | - 07 |
| National Seminars | - 02 |
| Conferences | - 02 |
| Webinars | - 03 |
| Total | - 15 |

1. Organized and attended a one day National Level Workshop on **“Emerging Technologies in Signal Processing & VLSI”** by **SSITS, Rayachoty** on 2nd April 2011.
2. Organized and attended a one day National Level Workshop on **“How to write a Research Paper & Research Proposal”** by **SITAMS, Chittoor** on 14th September 2018.
3. Organized and attended a one day National Level Workshop on **“Indian Patent Laws and Patent Filing Process”** by **SITAMS, Chittoor** on 15th September 2018.
4. Organized and attended a one day National seminar on **“Formulation of Research Proposals”** by **SITAMS, Chittoor** on 1st October 2018.
5. Organized and attended a two day International Conference **“SITAMS International Conference on Innovations in Engineering, Technology and Sciences - 2018 (SICIETS-2018)”** by **SITAMS, Chittoor** on 28th to 29th October 2018.
6. Organized and attended a one day National Level seminar on **“Importance of Pedagogy in Outcome Based Education”** by **SITAMS, Chittoor** on 9th February 2019.
7. Organized and attended a one day National Level workshop on **“Hacking Secrets”** by **SITAMS, Chittoor** on 10th February 2019.
8. Organized and attended a one day National Level workshop on **“Ethical Hacking”** by **SITAMS, Chittoor** on 11th to 12th, February 2019.
9. Organized and attended a one day National Level workshop on **“Concepts in Machine Learning Algorithms & Its applications”** by **SITAMS, Chittoor** on 7th, March 2019.
10. Organized a one day National Level workshop on **“Feedback form for a Webinar on Road ahead Computational Intelligence Research for Hyperspectral Image Classification”** by **SITAMS, Chittoor** on 21st, August 2020.
11. Organized a one day webinar on **“5G for Connected Society”** by **SITAMS, Chittoor** on 4th, August 2020.
12. Organized a one day webinar on **“5G Technology & it's Applications”** by **SITAMS, Chittoor** on 7th, August 2020.
13. Organized a one day webinar on **“Journal Citation Reports”** by **SITAMS, Chittoor** on 26th, June 2020.

14. Organized a “SITAMS National Conference on Innovations in Engineering, Technology and Sciences (SNCIETS-2020)” at SITAMS, Chittoor, on 30th JUNE 2020.

15. Organized a Five Days online FDP on “AI & Its Applications” in Tirumala Engineering College from 28.05.2021 to 01.06.2021.

X. PAPERS PUBLISHED / PRESENTED

| | Published/ Accepted | Communicated | Total | Description |
|--------------------------------------|---|---------------------|--------------|--|
| National Conferences | 20 | 00 | 20 | -- |
| International Conferences | 19 (Best Papers Awards - 8) | 03 | 22 | Abroad - 4, IEEE-6, Elsevier - 2 Scopus - 6 & Springer - 1 |
| International Journals | 38 | 02 | 40 | Scopus - 19, Free - 12, Inderscience - 2, Springer - 1, Elsevier-1 & Web of Science-1 |
| Total | 77 | 05 | 82 | -- |

| ACADEMIC YEAR | International Journal | International Conference | National Conference | TOTAL |
|--------------------------|----------------------------------|-------------------------------------|--------------------------------|--------------|
| 2020-21 | 3+2 | 3+3 | 2 | 8+5 |
| 2019-20 | 3 | | 1 | 4 |
| 2018-19 | 8 | 5 | | 13 |
| 2017-18 | 6 | 2 | | 8 |
| 2016-17 | 2 | 3 | | 5 |
| 2015-16 | 3 | 2 | 5 | 10 |
| 2014-15 | 8 | 3 | 6 | 17 |
| 2013-14 | 2 | 1 | | 3 |
| 2012-13 | | | 6 | 6 |
| 2011-12 | 2 | | | 2 |

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|--------------|-----------|-----------|-----------|-----------|
| 2010-11 | 1 | | | 1 |
| TOTAL | 40 | 22 | 20 | 82 |

*To be published/accepted

INTERNATIONAL JOURNALS

1. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "Bayesian Denoising of SAR Image" International Journal of Computer Science and Technology (**IJCST**), Volume 2, Issue.1, 72-74, May 2011. (**ISSN: 0976-8491**)
2. Y. Murali Mohan Babu, P.A. Harsha Vardhini & G.C. Narasimhulu, "Design of X-Band Micro strip line / Strip line Filter", International Journal of Engineering and communication Technology (**IJECT**), Volume 2, Issue 3, 207-211, Sept. 2011. (**ISSN: 2230-7109**)
3. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "PCA Based Image Denoising", Signal and Image Processing: An International Journal (**SIPIJ**), Volume 3, No.2, 236-244, April 2012. (**ISSN: 0976-710X**)
4. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "Effect of Speckle Filtering on SAR high resolution data for Image Fusion" International Journal of Engineering and Innovative Technology (**IJEIT**), Volume 3, Issue 1, 143-152, July 2013. (**ISSN: 2277-3754**)
5. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "Image Denoising Using CSR Algorithm" International Journal of Engineering Research and Technology (**IJERT**), Volume 2 Issue 11, 1626-1632, November 2013. (**ISSN: 2278-0181**)
6. Y. Murali Mohan Babu & K. Gnanendra Prasad, "A Novel Implementation of Interpolation Based Chase BCH Decoder Using VHDL", International Journal of Engineering and communication Technology (**IJECT**), Volume 5.3, Issue 2, 220-224, July 2014. (**ISSN: 2230-7109**)
7. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "An Application of Circular Polarisation for Risat-1 Imagery Analysis in Rajasthan Area", International Journal of Electrical, Electronics and Data Communication (**IJEEDC**), Volume 2 Issue 10, 61-64, October 2014. (**ISSN: 2321-2950**)
8. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "De-Speckling of Risat-1 Data Using Compressive Sensing Theory", International Journal of Electrical,

- Electronics And Data Communication (**IJEEDC**), Volume 2 Issue 11, 55-57, November 2014. (**ISSN: 2321-2950**)
9. Y. Murali Mohan Babu & A. Chengaiah, "Design And Implementation of an on-Chip Permutation Network for Multiprocessor System-on-Chip" International Journal of Electronics and Communication Engineering (**IASET**), Volume 3, Issue 6, 1-8, November 2014. (**ISSN: 2278-991X**)
 10. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "A Survey on De-Speckling of SAR Images", International Journal of Engineering and communication Technology (**IJECT**), Volume 5, Issue 4, 142-144, December 2014. (**ISSN: 2230-7109**)
 11. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "Fusion and Texture based Classification of Indian Microwave Data - A Comparative Study", International Journal of Applied Engineering Research (**IJAER**), Volume 10, Issue 1, 1003-1010, February 2015. (**Scopus Journal**) (**ISSN: 0973-9769**)
 12. Y. Murali Mohan Babu & S. Radhika, "An Intelligent Industrial Network Support Using RTOS Technology", International Journal of Science Engineering and Technology Research (**IJSETR**), Volume 4, Issue 10, 1836-1839, April 2015. (**ISSN: 2278-7798**)
 13. Y. Murali Mohan Babu & Bhumi Reddy Maha Lakshmi, "An Efficient Design of Frame Synchronization in FPGA", International Journal & Magazine of Engineering, Technology, Management and Research (**IJMETMR**), Volume 2, Issue 5, 209-215, May 2015. (**ISSN: 2348-4845**)
 14. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "A New Approach For SAR Image Denoising", International Journal of Electrical and Computer Engineering (**IJECE**), Volume 5, Issue 5, 984-991, October 2015. (**Scopus Journal**) (**ISSN: 2088-8708**) (**DOI: 10.11591/ijece.v5i5.pp984-991**)
 15. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "A Modified BM3D Algorithm for SAR Image Despeckling", Procedia Computer Science (**Elsevier**), Volume 70, Issue 1, 69 - 75, December 2015. (**Free & Scopus Journal**) (**ISSN: 1877-0509**) (**DOI:10.1016/j.procs.2015.10.038**)

16. Y. Murali Mohan Babu & K.Radhika, "RISAT-1 Image Despeckling using a Modified Undecimated BM3D Technique", International Journal of Image, Graphics and Signal Processing (IJIGSP), Volume 8, issue 5, 52-60, May 2016. **(Free Journal) (ISSN: 2074-9082)**
(DOI: 10.5815/ijigsp.2016.05.04)
17. Y. Murali Mohan Babu & K.Radhika, "A hybrid approach for microwave imagery denoising", International Journal of Control Theory and Applications (IJCTA), Volume 9, Issue 16, 8349-8354, September 2016. **(Scopus Journal) (ISSN: 0974-5572)**
18. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "Despeckling of Medium Resolution Scan SAR data", Advances in Intelligent Systems and Computing **(AISC- Springer series)**, Volume 467, 187-195, October 2016. **(Free & Scopus Journal) (ISSN: 2194-5357)**
(DOI: 10.1007/978-981-10-1645-5-16)
19. Y. Murali Mohan Babu, C.Chandrasekhar, Mahesh, "An Analysis of a Un-decimated BM3D De-speckling Method for Monochrome Images", Helix Journal, Volume 8, Issue 1, 2737- 2741, January-2018. **(ESCI Journal & Web of science Journal) (ISSN: 2319-5592)**
(DOI 10.29042/2018-2737-2741)
20. G. Kameswari, P.V.Y. Jayasree & Y. Murali Mohan Babu, "Rectangular Enclosure possessing Multiple Apertures with various dimensions including mutual coupling effect", International Journal of Pure and Applied Mathematics **(IJPAM)**, Volume 118, Issue 17, 847-857, February 2018. **(Scopus Journal) (ISSN: 1314-3395)**
(<https://acadpubl.eu/jsi/2018-118-16-17/issue17.html>)
21. G. Chinna Narasimhulu, Y. Murali Mohan Babu & G. Penchalaiah, "An effective medical image retrieval and its parameters", International Journal for science and advance research in technology **(IJSART)**, Volume 4, Issue 4, 130-132, April 2018. **(ISSN: 2395-1052)**
(<http://ijsart.com/Home/IssueDetail/22254>)
22. G. Chinna Narasimhulu, Y. Murali Mohan Babu & G. Penchalaiah, "A new approach for effective image retrieval of different medical images", International Journal for science and advance research in technology **(IJSART)**, Volume 4, Issue 4, 217-220, April 2018. **(ISSN: 2395-1052)**

(<http://ijsart.com/Home/IssueDetail/22252>)

23. K.Radhika, S. Varadarajan & Y. Murali Mohan Babu, "Multi spectral classification using cluster ensemble technique", International Journal of Intelligent Systems Technologies and Applications (**IJISTA**), Volume 17, Issue 1/2, 55-69, April 2018. **(An Inderscience Journal) (Scopus & Free Journal) (ISSN: 1740-8873) (DOI: 10.1504/IJISTA.2018.091587)**
24. G. Chinna Narasimhulu & Y. Murali Mohan Babu, "A neural network method for effective medical image retrieval" International Journal of research culture society (**IJRCS**), Volume 2, Issue 4, 47-52, April 2018. **(ISSN: 2456-6683) (<https://ijrcs.org/wp-content/uploads/201804010.pdf>)**
25. Y. Murali Mohan Babu, K.Radhika & D.NagaJyothi, "Evolutionary Algorithm Based Extreme Learning Machine for Retrieval of Images", "International Journal of Engineering and Technology - UAE (**IJET**)", Volume 7, Issue 3.24, 472-475, December 2018. **(ISSN: 2227-524X). (Scopus) (DOI: 10.14419/ijet.v7i3.24.22795)**
26. K.Radhika, Y. Murali Mohan Babu, & SK.M.Shahina, "A Robust Approach for Multi Spectral Image Classification", "International Journal of Engineering And Technology - UAE (**IJET**)", Volume 7, Issue 3.24, 476-478, December 2018. **(ISSN: 2227-524X). (Scopus) (DOI: 10.14419/ijet.v7i3.24.22796)**
27. P.A.Harsha Vardhini, Y. Murali Mohan Babu, & A.Krishna Veni "Industry Parameters Monitoring and Controlling System Based on Embedded Web Server", "Journal of Emerging Technologies and Innovative Research (**JETIR**)", Volume 6, Issue 2, 80-84, February 2019. **(ISSN: 2349-5162). (<http://www.jetir.org/papers/JETIR1902C15.pdf>)**
28. K. Radhika, Y. Murali Mohan Babu, & SK.M.Shahina, "Classification of RISAT MRS Data with BM3D algorithm", International Journal of Innovative Technology and Exploring Engineering (**IJITEE**), Volume-8 Issue-5, 104-106, March, 2019. **(ISSN: 2278-3075) (Scopus & Free Journal) (<https://www.ijitee.org/download/volume-8-issue-5/>)**
29. Y. Murali Mohan Babu, M.Lahithavarma, P.Bhavya, M.Aravind & K.Badrinath "A New Filter for Improving the PSNR in Image Processing", "Journal of Emerging

Technologies and Innovative Research (**JETIR**)", Volume 6, Issue 4, 366-371, April 2019. **(ISSN: 2349-5162)**.

(<http://www.jetir.org/view?paper=JETIR1904058>)

30. Y. Murali Mohan Babu, V.Harinath, Y.Ishwarya, S.Lakshmi, T.Jashuva "Automatic Solar Tracker and Auto Intensity Robot", "Journal of Emerging Technologies and Innovative Research (**JETIR**)", Volume 6, Issue 5, 340-343, May 2019. **(ISSN: 2349-5162)**.

(<http://www.jetir.org/view?paper=JETIR1905760>)

31. Y. Murali Mohan Babu, Monesh Kanth , K. Radhika "Digital Time stamping Method For Secure End To End Communication On A Blockchain", "Journal of Emerging Technologies and Innovative Research (**JETIR**)", Volume 6, Issue 5, 506-510, May 2019. **(ISSN: 2349-5162)**.

(<http://www.jetir.org/view?paper=JETIR1905794>)

32. Y. Murali Mohan Babu, K. Radhika & G.Kameswari, "An analysis of a block matching method on single chrome images", "International Journal of Innovative Technology and Exploring Engineering (**IJITEE**)", Volume-8 Issue-8, 218-220, June, 2019. **(ISSN: 2278-3075) (Scopus & Free Journal)**

(<https://www.ijitee.org/download/volume-8-issue-8/>)

33. Y. Murali Mohan Babu, K. Radhika & G.ChinnaNarasimhulu, "An Analysis of a Block Matching Method on Different Bands of monochrome Images", "International Journal of Advanced Science and Technology (**IJAST**)", Vol. 28, No. 19, December (2019), pp. 204-207. **(ISSN: 2207-6360) (Scopus & Free Journal)**

(<http://sersc.org/journals/index.php/IJAST/article/view/2517>)

34. K.Radhika & Y. Murali Mohan Babu, G.China Narasimhulu "Implementation of data logger for live tracking of vehicle parameters using GSM-GPS for security", "International Journal of Innovative Technology and Exploring Engineering (**IJITEE**)", Volume-9 Issue-2, 2660-2665, December, 2019. **(ISSN: 2278-3075) (Scopus & Free Journal)**

(<https://www.ijitee.org/download/volume-9-issue-2>)

35. P.A.Harsha Vardhini and Y. Murali Mohan Babu "FPGA Based Energy-Aware Image Compression and Transmission with Single Board Computers", "Journal of Green Engineering (JGE), Vol. 10, No. 5, May (2020), pp. 2483-2497. **(ISSN: 2245-4586) (Scopus & Free Journal)**

(<http://www.jgenng.com/volume10-issue5.php>)

36. N.Koteswaramma and Y. Murali Mohan Babu “An Analysis on Medical Image Retriving Techniques”, Turkish Journal of Computer and Mathematics Education, Vol.12 No.9 (2021), 2046 - 2053. (ISSN: 1309-4653) (Scopus & Free Journal)

(<https://turcomat.org/index.php/turkbilmat/article/view/3672>)

37. Y. Murali Mohan Babu and P.A.Harsha Vardhini “Optimised performance and utilization analysis of Real-Time Multi Spectral Data/Image categorization Algorithms for Computer vision Applications”, Turkish Journal of Computer and Mathematics Education, Vol.12 No.9 (2021), 2212– 2227 (ISSN: 1309-4653) (Scopus & Free Journal)

(<https://www.turcomat.org/index.php/turkbilmat/article/view/3696>)

38. Y. Murali Mohan Babu & K.Radhika, “Multi spectral image classification based on deep feature extraction using deep learning technique”, accepted for publication in International Journal of Bioinformatics Research and Applications (**IJBRA**). (**ISSN:1744-5493**) (**Scopus & Free Journal**) (**Inder Science**) – **In press**

39. Y. Murali Mohan Babu, K.Radhika, T.R. Saravanan, J.K.Periasamy, “Assessment of the effects of Blockchain based Protection in Network Performance”, has been accepted for publication in IOP Conference Series: Materials Science and Engineering (**ISSN 1757-899X**). (**Scopus**)

40. Y. Murali Mohan Babu, K.Radhika, “An improved approach for smart devices using blockchain system”, has been accepted for publication in IOP Conference Series: Materials Science and Engineering (**ISSN 1757-899X**). (**Scopus**)

INTERNATIONAL CONFERENCES

1. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, “Analysis of Back Scattering Coefficient Measurement of RISAT-1 data”, in an Elsevier International Conference on Communications and Computing (**ICC-2014**), at **ACE, Bangalore** on 14th June 2014. (**ISBN: 9789351072447**)
2. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, “Generation of Back Scatter Image for MRS mode RISAT-1 data”, in an Elsevier International Conference on Emerging Research In Computing, Information, Communication And Applications (**ERCICA - 2014**), at **NMIT, Bangalore** on 2nd August 2014. (**ISBN : 9789351072607**)

3. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "An Application of Circular Polarisation For Risat-1 Imagery Analysis In Rajasthan Area", in an International Conference on Industrial Electrical and Electronics and Electronics Engineering **(ICIEEE)**, **Bangkok** on 17th August 2014. **(Best paper award paper) (ISBN: 9789384209469)**
4. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "De-Speckling of Risat-1 Data Using Compressive Sensing Theory", in an International Conference on Industrial Electrical and Electronics and Electronics Engineering **(ICIEEE)**, **Bangkok** on 17th August 2014. **(ISBN: 9789384209469)**
5. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "Despeckling of Medium Resolution ScanSAR data", in an International Conference on Intelligent Computing and Applications **(ICICA-2015)**, at **KCGEC, Chennai** on 6th February 2016. **(Best paper award paper) (ISBN: 9789811016448)**
6. Y. Murali Mohan Babu & K.Radhika, "A hybrid approach for microwave imagery denoising", in a "Joint International Conference on Artificial Intelligence and Evolutionary Computations in Engineering Systems **(ICAIECES-2016)** and Power, circuit and Information Technologies **(ICPCIT-2016)**" at **SRM University, Chennai**, on 20th, May 2016.
7. K.Radhika, S. Varadarajan & Y. Murali Mohan Babu, "Multi spectral classification using cluster ensemble and self learning", in a "An International Conference on Innovative Research in Emerging technologies **(CIRET-2017)**" at **Bangkok**, on 30th Jan 2017. **(Best paper award paper) (ISBN: 9788193248010)**
8. M.Hemalatha, S. Varadarajan & Y. Murali Mohan Babu, "Comparison of DWT, DWT-SWT and DT-CWT for Low Resolution Satellite Images Enhancement", in a "**IEEE** International Conference on Algorithms, Methodology, Models and Applications in Emerging Technologies - 2017 **(ICAMMAET-2017)**" at Bharath University, Chennai, on 18th Feb 2017. **(ISBN: 9781509033782) (Scopus) (DOI: 10.1109/ICAMMAET.2017.8186662)**
9. G.Kameswari, P.V.Y.Jayasree & Y. Murali Mohan Babu, "Rectangular Enclosure possessing Multiple Apertures with various dimensions including mutual coupling effect", in a joint international conference on **ICAIECS -2017 & ICPCIT-2017**, at **MITs, Madanapalle, Andhra Pradesh** on 28th April 2017 **(Best paper award)**.
10. C.Chandrasekhar, Y. Murali Mohan Babu & M.V. Subramanyam, "Design and

Implementation of 3D-DWT for video Processing”, in an “An International Conference on advances in Engineering management and sciences (**ICAEMS-2017**)” at Santhiram Engineering College, Nandyal, Andhra Pradesh on 14th July 2017. **(ISBN: 9789385100789)**.

11. Y. Murali Mohan Babu, C. Chandrasekhar & Mahesh, “An analysis of a de-speckling method for monochrome images”, in a “An International Conference on Advanced Communication Systems (**ICACS-2017**)” at Sri Venkateswara College of Engineering, Tirupati, Andhra Pradesh on 21st October 2017. **(Best paper award paper) (ISBN: 9789352880584)**.
12. Y. Murali Mohan Babu, K.Radhika & D.NagaJyothi, “Evolutionary Algorithm Based Extreme Learning Machine for Retrieval of Images”, in an “International Conference on Advanced Trends in Computer Science & Information Technology (**ICATCSIT-2018**)” at GIST, Nellore, Andhra Pradesh, on 25th, August 2018.
13. K.Radhika, Y. Murali Mohan Babu & SK.M.Shahina, “A Robust Approach for Multi Spectral Image Classification”, in an “International Conference on Advanced Trends in Computer Science & Information Technology (**ICATCSIT-2018**)” at GIST, Nellore, Andhra Pradesh, on 25th, August 2018.
14. Y. Murali Mohan Babu, K. Radhika & G.ChinnaNarasimhulu, “Evolutionary Algorithm Based Extreme Learning Machine for Retrieval of Images”, at “SITAMS International Conference on Innovations in Engineering, Technology and Sciences - 2018 (**SICIETS-2018**), SITAMS, Chittoor, Andhra Pradesh on 28th to 29th October 2018
15. K.Radhika & Y. Murali Mohan Babu, D. NagaJyothi “Implementation of data logger for live tracking of vehicle parameters using GSM-GPS for security”, at First International Conference on Computational and Intelligent Techniques for Automation of Engineering Systems (**CITAES**), GEC, Gudlavellor, Andhra Pradesh on Nov-30th to Dec -01st, 2018.
16. Y. Murali Mohan Babu & K. Radhika, “Multi spectral image classification based on deep feature extraction using deep learning technique”, at “International Conference on Inventive Computing and Applications (**ICICA 2019**), Pattaya, Bangkok on 9th to 10th January 2019. **(Best paper award)**.
17. K. Radhika , Y. Murali Mohan Babu & Suman Mishra, “Design and Implementation of Low Power High Speed Robust 10T SRAM”, at IEEE Conference on Emerging Smart Computing & Informatics 2021 on March 7th 2021. **(Scopus)**

<https://ieeexplore.ieee.org/document/9396811/>

18. Y. Murali Mohan Babu, Suman Mishra, & K. Radhika , “Design and Implementation of Analysis of Different Types SRAM Cell Topologies”, at IEEE Conference on Emerging Smart Computing & Informatics 2021 on March 7th 2021. **(Scopus)**

<https://ieeexplore.ieee.org/document/9396938/>

19. Suman Mishra, K. Radhika & Y. Murali Mohan Babu, “ERROR DETECTION AND CORRECTION IN TCAMS BASED SRAM”, accepted to present in IEEE Conference on Emerging Smart Computing & Informatics 2021.
20. N.Koteswramma & Y. Murali Mohan Babu, “Colour image retrieval with a Weighted adjacent structure model”, communicated to IEEE Conference on Emerging Smart Computing & Informatics 2021.
21. N.Koteswramma & Y. Murali Mohan Babu, “An effective colour image retrieval with fusion based CNN frameworks”, accepted to present in IEEE Conference on Emerging Smart Computing & Informatics 2021.
22. Y. Murali Mohan Babu & K. Radhika “Assessment of the effects of blockchain based protection in newtwork performance”, in an “International Conference on Emerging Trends in Science, Engineering & Management **(ICETAEM-2021)**” at IJMSR, Chennai, **Tamilnadu**, on 21th, January 2021. **(Best paper award paper)**

NATIONAL CONFERENCES

1. G. Kirankumar Reddy, A. Nagendra & Y. Murali Mohan Babu, “The contourlet transform: an efficient directional ultra solution image representation”, in a National Conference on “Recent Trends in Image Processing & WSN Applications using Low Power VLSI” **(RIWALV-2013)** at **VNRVJIET, Hyderabad** on 28th March 2013.
2. P. Prasanth kumar, P. Jagadeesh & Y. Murali Mohan Babu, “Detecting people under earthquake rubble”, in a National Conference on “Recent Trends in Image Processing & WSN Applications using Low Power VLSI” **(RIWALV-2013)** at **VNRVJIET, Hyderabad** on 28th March 2013.
3. Y. Murali Mohan Babu & G. Kirankumar, “A VLSI Progressive Coding For Wavelet-Based Image Compression”, in a National Conference on “Recent Trends in Image Processing & WSN Applications using Low Power VLSI” **(RIWALV-2013)** at **VNRVJIET, Hyderabad** on 28th March 2013.
4. Y. Murali Mohan Babu & K. Raveendra Reddy, “Scalable Coding Of Encrypted

- Images”, in a National Conference on “Recent Trends in Image Processing & WSN Applications using Low Power VLSI” **(RIWALV-2013)** at **VNRVJiet, Hyderabad** on 28th March 2013.
5. Y. Murali Mohan Babu & Y. Ragha Sukanya Yadav, “Palm Vein Technology”, in a National Conference on “Recent Trends in Image Processing & WSN Applications using Low Power VLSI” **(RIWALV-2013)** at **VNRVJiet, Hyderabad** on 28th March 2013.
 6. Y. Murali Mohan Babu & G. Muni Rathnam, “Low Power Techniques For Linear Feedback Shift Register In BIST”, in a National Conference on “Recent Trends in Image Processing & WSN Applications using Low Power VLSI” **(RIWALV-2013)** at **VNRVJiet, Hyderabad** on 28th March 2013.
 7. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, “Land cover Classification of RISAT-1 data”, in a National Conference on Water, Environment & Society **(NCWES-2014)** at **JNTU, Hyderabad** on 1st July 2014.
(ISBN: 9789383635139)
 8. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, “Texture based Classification of Microwave imagery”, in a National Conference on Water, Environment & Society **(NCWES-2014)** at **JNTU, Hyderabad** on 1st July 2014.
(ISBN: 9789383635139)
 9. G. Penchalaiah & Y. Murali Mohan Babu, “Classification of RISAT-1 Data Based on BM3D Algorithm”, in a National Conference on Recent Trends in Signal Processing at **MITS, Madanpally** on 18th February 2015.
(ISBN: 9789385100017)
 10. Y. Murali Mohan Babu, G. Penchalaiah & G.C. Narsimhulu, “Block Matching Algorithm for Satellite Data”, in a National Conference on Advancements in Microwaves and Antennas **(NCRAMA-2015)**, at **SVCET, Chittoor** on 3rd March 2015.
 11. P.A. Harsha Vardhini, Y. Murali Mohan Babu & C.V. Krishna Reddy, “PRI Tracker Implementation Using FPGA”, in a National Conference on Advancements in Microwaves and Antennas **(NCRAMA-2015)**, at **SVCET, Chittoor** on 3rd March 2015.
 12. S. Radhika & Y. Murali Mohan Babu, “An RTOS-Based Architecture for Industrial Wireless Sensor Network Stacks with Multi-Processor Support”, in a National

Conference on Advancements in Microwaves and Antennas (**NCRAMA-2015**), at **SVCET, Chittoor** on 3rd March 2015.

13. Y. Murali Mohan Babu, M.V. Subramanyam & M.N. Giriprasad, "A Survey on Classification of SAR Images", in a National Conference on Water, Environment & Society (**NCWES-2015**) at **JNTU, Hyderabad**, on 31st July 2015.
(ISBN: 9789383635870).
14. Y. Murali Mohan Babu & K. Kannaiah, "A New Dynamic Secure Image Transmission", in a National Level conference on Recent Trends in 4G Mobile Communication (**NC4GMC-2016**), at **SVCET, Chittoor** on 18th December 2015.
15. Y. Murali Mohan Babu, "Optical Remote Sensing Vs Microwave Remote Sensing", in a National Level conference on Recent Trends in 4G Mobile Communication (**NC4GMC-2016**), at **SVCET, Chittoor** on 18th December 2015.
16. P.A. Harsha Vardhini & Y. Murali Mohan Babu, "Implementation of Low Cost Wireless Power Control System", in a National Level conference on Recent Trends in 4G Mobile Communication (**NC4GMC-2016**), at **SVCET, Chittoor** on 18th December 2015.
17. K.Radhika, K.NagaLingamaiah, S.Varadarajan & Y. Murali Mohan Babu, "**Classification of SAR Images Application to Target Recognition**", in a National Conference on recent trends in electronics and communications (**NCREC-2016**), at **SKIT, Bangalore**, on 5th May 2016.
18. Y. Murali Mohan Babu, "**Design and implementation of text image to speech conversion based on OCR using MATLAB**", in a "SITAMS National Conference on Innovations in Engineering, Technology and Sciences (**SNCIETS-2020**)" at **SITAMS, Chittoor**, on 30th JUNE 2020.
19. P.A. Harsha Vardhini and Y. Murali Mohan Babu "Optimised performance and utilization analysis of Real-Time Multi Spectral Data/Image categorization Algorithms for Computer vision Applications", in a National Conference on Technology for Impactful and Sustainable Development of the Society (**NCTISDS-2020**)" at **GPCET, Kurnool**, on 15th December 2020.
20. N. Koteswaramma and Y. Murali Mohan Babu "An Analysis on Medical Image Retrieving Techniques", in a National Conference on Technology for Impactful and Sustainable Development of the Society (**NCTISDS-2020**)" at **GPCET, Kurnool**, on 15th December 2020.

XI. GUEST LECTURES / RESOURCE PERSON / SESSION CHAIR / PROGRAM CHAIR

1. Guest lecture on **"IMAGE PROCESSING & APPLICATIONS"** at **PCET, Nellore** on 7th July, 2015.
2. Guest lecture on **"BASICS OF RADAR IMAGE PROCESSING"** at **PCET, Nellore** on 27th December 2015.
3. Resource Person for one day workshop on **"RADAR AND IMAGE PROCESSING"** at **PVKKIT, Anantapuramu** on 19th August 2016.
4. Session chair for three day international conference **(ICETEST-17)** held at **SV University, Tirupathi** from 18th - 20th, March 2017.
5. Resource Person for one day workshop on **"NBA & SAR PREPARATION"** at **GSIT, Nellore** on 9th September 2017.
6. Program Chair for a two day International Conference **"SITAMS International Conference on Innovations in Engineering, Technology and Sciences - 2018 (SICIETS-2018)"** Organized by **SITAMS, Chittoor** on 28th to 29th October 2018.
7. Resource Person for one day workshop on **"REMOTE SENSING & ITS APPLICATIONS"** at **SVCET, Chittoor** on 9th June 2020.
8. Resource Person for one day workshop on **"Intellectual Property Rights"** at **SVEC, Tirupati** on 20th June 2020.
9. Program Chair for a one day national Conference **"SITAMS national Conference on Innovations in Engineering, Technology and Sciences - 2018 (SNCIETS-2020)"** Organized by **SITAMS, Chittoor** on 30th JUNE 2020.
10. Resource Person for AICTE sponsored FDP Phase-1 on **"Machine Learning and Deep Learning"** at **SITAMS, Chittoor** on 19th october 2020.

XII. REVIEWER / EDITORIAL MEMBER

1. Working as a reviewer member for IEEE Geoscience and Remote Sensing Letters **(Science Citation Index Expanded)**.
2. Working as a reviewer member for International Journal of Computer Integrated Manufacturing **(Science Citation Index Expanded)**.
3. Worked as a reviewer for a Journal of Scientific & Industrial Research (JSIR). **(Science Citation Index Expanded)**.
4. Worked as a reviewer for a National Conference on Advancements in Microwaves and Antennas **(NCRAMA-2015)**, at SVCET, Chittoor.

5. Worked as a reviewer for a National Level conference on Recent Trends in 4G Mobile Communication (**NC4GMC-2016**), at SVCET, Chittoor.
6. Worked as a reviewer for a Journal of Computer Science (**JSC**).
7. Worked as a reviewer for an International Conference on Advanced Communication Systems (**ICACS-2017**)” organized at Sri Venkateswara College of Engineering, Tirupati, Andhra Pradesh.
8. Worked as a reviewer for an International Conference on Transformations in Engineering Education (**ICTIEE-18**) organized under IUCEE at Nodia / Madurai.
9. Working as a reviewer for an International Journal of Developments in Technology and Science (**IJDTS**).
10. Working as a reviewer for Journal of Emerging Technologies and Innovative Research (**JETIR**).
11. Working as an editorial board member for International Journal of Creative Research Thoughts (**IJCRT**).
12. Working as an editorial board member for International Journal of Research and Analytical Reviews (**IJRAR**).
13. Working as a reviewer for an International Journal of Innovations in Engineering and Education (**IJIEE**).

XIII. BOOKS PUBLISHED

1. Published a book titled “**Transform Techniques for Radar Image Analysis**”, with **ISBN-13: 978-93-86258-87-8** in December-2017.
2. Published a book titled “**Digital Image Compression Techniques**”, with **ISBN-13: 978-81-93901-90-8** in December-2018.
3. Published a book titled “**Classification Models in Satellite Image Processing**”, with **ISBN-13: 978-93-82829-34-8** in November-2020.
4. To be published a book titled “**CBIR Models in Medical Image Processing**”. (100% work completed and process has to be done)
5. To be published a book titled “**Microwave Engineering**”. (80% work completed and diagrams work is pending)

XIV. PATENTS FILLED OR AWARDED

1. Filled a patent on “**Transform Techniques for Radar Image Analysis**” on 16/04/2015. (**1965/CHE/2015**)

Status: Presently available at DRDO, Ministry of Defence, INDIA in processing section and Waiting for Viva.

2. Filled a patent on **“Crane Operated Blind spot Area to avoid Accident”** on 07/04/2021. (202141016369)
3. Filled a patent on **“Automated Cleaning Machine for Panchakarma Ayurveda Tablet”** on 08/06/2021. (202141025433)
4. To be filed a patent on **“Video de-hazing”**. (90% document completed and claims work is pending)

XV. RESEARCH GUIDANCE

1. PhD Guiding – 4 (Under JNTUA, Anantapuramu)
(Registered Roll Numbers: 18PH0421, 18PH0422, 19PH0427 & 19PH0433)
2. M.Tech Guided – 6
3. B.Tech Guided – 38

XVI. AWARDS RECEIVED

1. Received **best faculty award** by “IT association Andhra Pradesh, IT association Telangana, IMPACT & others” on 2nd October 2019.
2. Achieved **best paper award** in ICCSIP on 17th August 2014 in **Bangkok**.
3. Achieved **best paper award** in ICICA on 6th February 2016 held at **KCGE, Chennai, Tamilnadu**.
4. Achieved **best paper award** in ICIRET on 30th January, 2017 held at **Bangkok**.
5. Achieved **best paper award** in ICAIECS-2017 & ICPCIT-2017 on 27th April 2017, held at **MITS, Madanapalle, Andhra Pradesh**
6. Achieved **best paper award** in ICACS-2017 on 21st October 2017, held at **SVCE, Tirupati, Andhra Pradesh**.
7. Achieved **best paper award** in **SICIETS-2018**) on 28th to 29th October 2018 held at **SITAMS, Chittoor, Andhra Pradesh**
8. Achieved **best paper award** in ICICA-2019 on 9th to 10th January 2019, held at, **Pattaya, Bangkok**.
9. Achieved **best paper award** in **ICETAEM-2021** on 21th, January 2021, held at, **IJMSR, Chennai, Tamilnadu**.

XVII. RATIFICATION BY THE UNIVERSITY

1. **Ratified** by the **JNTU, Hyderabad** as an Assistant Professor on **11-01-2005**.
2. **Ratified** by the **JNTUA, Ananthapuramu** as an Associate Professor on **05-12-2016**.
3. Eligible for **Ratification** to a **Professor post** as I have completed **16 Years of ratified Assistant Professor Service**. (Minimum Requirement for a Professor is 13 years of Assistant Professor ratified service **or** 5 years of Associate Professor service)

XVIII. FUNDING PROPOSALS SENT

| | Date | Name of the Scheme | Title of the Proposal | Amount | PI/ Co-PI | Status |
|--------------------------------------|------------|--|---|------------------|--------------|-----------|
| FROM TEC | | | | | | |
| 1 | 08.03.2021 | SERB - Core Research Grant CRG/2021/004567 | Analysis of flood happened in Chamoli district, Uttarakhand on 7th February 2021 | 38,25,000 | PI | Submitted |
| TOTAL PROPOSALS SENT FROM TEC | | | | 38,25,000 | | |
| FROM SITAMS | | | | | | |
| 1 | 12.11.2019 | SERB-Inter National Conference (SSY/2019/001268) | International Conference on Innovations in Engineering, Technology and Sciences – 2020 (ICIETS-2020) | 8,80,000 | PI | Rejected |
| 2 | 15.04.2019 | DST-Agro-Tech (TPN /27779) | Analysis of agriculture growth of Chittoor District, Andhra Pradesh using satellite image processing for the betterment of next generation | 44,02,000 | PI | Rejected |
| 3 | 28.02.2019 | SERB-National Conference (SSY/2019/000197) | Fuzzy and Neural Network Systems for Engineering Applications | 1,50,000 | Co-PI | Rejected |
| 4 | 26.02.2019 | SERB-National Seminar (SSY/2019/000185) | Two Days National Level Seminar on Digital Image Processing Techniques for Cancer Detection | 1,50,000 | PI | Rejected |
| 5 | 15.02.2019 | DST- | Project Proposal On Conduction of national level | 2,21,500 | Co-PI | Rejected |

| | | | | | | |
|---|------------|---|--|------------------|-------|----------|
| | | (Special Call for SC and ST) (DST/ICPS/SCST/2019/95) | Conferences/ Workshops/Seminars/ brain storming Sessions etc of three days duration | | | |
| 6 | 05.01.2019 | IE (R.4/1/UG/2018-19) | Automatic fire sensing and disputatious Robot | 40,000 | PI | Rejected |
| 7 | 25.04.2019 | SERB -Inter National Conference (SSY/2019/000326) | SITAMS International Conference on Innovations in Engineering, Technology and Sciences – 2019 (SICIETS-2019) | 8,80,000 | PI | Rejected |
| 8 | 28.12.2018 | SERB-National Conference (SSY/2018/001510) | National Conference on Advancements in Medical Image Processing | 1,60,000 | PI | Rejected |
| 9 | 11.12.2018 | AICTE MODROBS | Advanced Digital Signal and Image Processing Lab | 19,23,750 | PI | Rejected |
| 10 | 8-11-2018 | ICMR | A seminar on Digital Image Processing Techniques for Cancer detection | 1,00,000 | PI | Rejected |
| 11 | 26.12.2018 | INSA | Applications of Machine learning in Computer Vision | 82,000 | PI | Rejected |
| TOTAL PROPOSALS SENT FROM SITAMS | | | | 89,89,250 | | |
| | | | | | | |
| FROM SVCET | | | | | | |
| 1 | 24.11.2017 | AICTE-ISTE (1-2293679589) | Engineering Pedagogy and Curriculum Development | 3,00,000 | PI | Rejected |
| 2 | 23.11.2017 | AICTE -RPS (1-2293679589) | A hybrid method for Radar Image Despeckling to Classification Applications | 23,70,000 | PI | Rejected |
| 3 | 31.05.2016 | SERB-ECR (ECR/2016/001084) | Classification of satellite images for disaster management | 36,03,000 | PI | Rejected |
| 4 | 18.02.2016 | SERB-EMR (EMR/2016/000386) | A New Technique for Radar Image Despeckling to Classification Applications | 19,17,250 | Co-PI | Rejected |

| | | | | | | |
|--|------------|---|--|--------------------|-------|----------|
| 5 | 03.02.2016 | SERB-EMR (EMR/2016/000251) | Analysis of agriculture growth using Remote Sensing | 40,21,000 | Co-PI | Rejected |
| 6 | 03.08.2015 | UGC-MRP (ROMRPSEROELEC201516 29561) | Analysis of agriculture growth in Chittoor District using Remote Sensing | 4,90,000 | PI | Rejected |
| TOTAL PROPOSALS SENT FROM SVCET | | | | 1,27,01,250 | | |

XIX. RESEARCH and OTHER CREDENTIALS

- Google Scholar Citations: **113**
a) h - Index : **6** b) i10 - Index : **4**
- Research Gate Score: **3.38**
Research Gate Citations: **52**
- Scopus Author ID: **57188737305** and **57201699249**
Scopus Citations: **34**
Scopus h - Index : **3**
- ORCID: **<http://orcid.org/0000-0002-7597-9503>**
- Web of Science Researcher ID: **T-1700-2019**
- Received “Higher Diploma in Software Engineering” diploma from APTECH in 2001.

XX. CONTRIBUTION TOWARDS ORGANIZATIONS

TEC, Narasaraopet

- Working as R&D convener from 01.03.201 to till now.
- Working as Institute Level NAAC convener from 16.03.201 to till now.

SITAMS, Chittoor

- Worked as a “**R&D Dean/Coordinator**” for SITAMS from 02.08.2018 to 28.02.2021.
- Worked as a “**BOS member**” for ECE Dept, SITAMS from 07.05.2018 to 28.02.2021.
- Worked as an “**Academic Council member**” for SITAMS from 07.05.2018 to 28.02.2021. Worked as a “**Signal Processing Module Coordinator**” for SITAMS from 07.05.2018 to 28.02.2021.

4. Worked as an **“Institute NBA coordinator for C10 – Governance, Institutional Support and Financial Resources”** in SITAMS, Chittoor in the academic year 2019-20.
5. Organized ten different events (**Workshops, Seminars, Conferences and FDPs**) as mentioned above.
6. Working as an **“Institute NAAC coordinator for C3 – Research, Innovations and Extension”** for in SITAMS, Chittoor.

SVCET, Chittoor

7. Worked as a **“BOS member”** for ECE Department in SVCET, Chittoor from July 2014 to April 2018.
8. Worked as a **“PG-NBA coordinator”** for ECE Department in SVCET, Chittoor in academic year 2015-2016.
9. Worked as an **“IUCEE coordinator”** for SVCET, Chittoor from September 2016 to April 2018.
10. Worked as an **“ISTE coordinator”** for SVCET, Chittoor from April 2017 to April 2018.
11. Worked as a **“Electro-Magnetics Module Coordinator”** for SVCET from July 2014 to April 2018.
12. Organized many activities for the students on behalf of **“Department Student Association”** as Association In-charge at **SVCET, Chittoor** from July 2014 to June 2015.

SSITS, Rayachoty

13. Worked as a **“HOD”** for ECE Department in **SSITS, Rayachoty** from July 2007 to June 2014.
14. Worked as **“Discipline and Academic coordinator”** at SSITS, Rayachoty, in the academic years 2008 - 2009 and 2009 - 2010.
15. Worked as **“Administration coordinator”** at SSITS, Rayachoty from July 2011 to December 2012.
16. Organized one day National Level **“Workshop”** on “Emerging Technologies in Signal Processing & VLSI” at SSITS, Rayachoty on 2nd April 2011.

17. Worked as a **“Convener”** for “National Level Technical Student Symposium” at SSITS, Rayachoty on 23rd October 2011.
18. Organized many activities for the students on behalf of **“ECE Department Student Association - SILICON”** as Association President at **SSITS, Rayachoty** from October 2011 to December 2013.

JPNCE, Mahaboob Nagar

19. Worked as **“IEEE Student Counselor”** at JPNCE, Mahaboob Nagar, from Nov-2006 to June-2007.
20. Worked as a **“Convener”** for **“EMPOWER”**, a combined ECE & EEE Departments magazine at JPNCE, Mahaboob Nagar in the academic year 2005 - 2006.

XXI. FUTURE AIMS (Long Term)

1. Publishing at-least two papers in **“IEEE transactions”**.
2. Doing **“Post Doctorate”**.
3. Active participation in consultancy/research work funded by **“Government of India”**.

XXII. FUTURE AIMS (Mid Term) (For 2021-2022 Calendar Year)

| Submission for Funding | For 50 Lakhs |
|---------------------------------|--------------|
| No of SCIE Paper publications | 2 |
| No of Scopus Paper publications | 4 |
| No of Text Book Publications | 2 |
| No of Patent Publications | 1 |

XXIII. REFERENCE PERSONS

1. **Dr. G. Abbaiah**, Professor of Civil Engineering, Director, University Games & Sports Administration, **JNTUK, Kakinada**, Andhra Pradesh.
Phone No: +91- 9963993479.
2. **Dr. K. PadmaPriya**, Professor of ECE Engineering, **JNTUK, Kakinada**, Andhra Pradesh.
Phone No: +91- 8978244955.

3. **Dr. M. N. Giri Prasad**, Director of admissions, JNTUA and Professor of ECE department, **JNTUA, Anantapuramu**, Andhra Pradesh.

Phone No: +91- 9440566628.

4. **Dr. K. Ramanaidu**, Professor of ECE Department, **JNTUA, Anantapuramu**, Andhra Pradesh.

Phone No: +91- 9440566628.

5. **Dr. M. V. Subramanyam**, Principal and Professor, ECE Department, **Santhi Ram Engineering College, Nandyal**, Kurnool district Andhra Pradesh.

Phone No: +91- 9866308475.

XXIV. PERSONAL PROFILE

NAME : Y.MURALIMOHANBABU
FATHER NAME : Y.VENKATA SUBBAIAH
DATE OF BIRTH : 08-05-1979
MARITAL STSTUS : Married
LANGUAGES KNOWN : Telugu & English.
STRENGTHS : Hardworking, optimistic, simple and straightforward.

XXV. PERMANENT ADDRESS:

Dr. Y.MURALI MOHAN BABU,
S/O. Y.VENKATA SUBBAIAH,
3-369, SAI NAGAR, SANGAM,
NELLORE DISTRICT - 524308.
PH. NO.: 91-8187826124

I declare that the details furnished above are true to best of my knowledge.

Place:

Date:

(Dr. Y.MURALIMOHANBABU)