**Dr. VIJAYALAXMI, SMIEEE, LMISTE, MIE**

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**Email:** [**dr.vijayalaxmi@kalingauniversity.ac.in/iqac@kalingauniversity.ac.in**](mailto:dr.vijayalaxmi@kalingauniversity.ac.in/iqac@kalingauniversity.ac.in)

[**laxmi81181@gmail.com/b,vijaya.1981@ieee.org**](mailto:laxmi81181@gmail.com/b,vijaya.1981@ieee.org)

# ADMINISTRATIVE RESPONSIBILITIES

* Working as Director IQAC at Kalinga University, Raipur, Chhattisgarh.
* Chairperson for IEEE WIE AG Madhya Pradesh Section 2023-24
* **IEEE STEM Champion!**

[Through your efforts in providing STEM outreach in your local community, IEEE is empowering the next generation of technology innovators. We received a total of 92 applications from volunteers throughout the world and [**26 new STEM Champions**](https://tryengineering.org/news/announcing-the-2023-stem-champions/) were selected. Our reviewers were inspired by the great work you are doing. Each application was reviewed by 3 reviewers.]

* Chairperson for IEEE Women in Engineering (WIE) International Leadership Summit at Raipur, Chhattisgarh happening during 25-26 August, 2023 [<https://wie.ieee.org/wie-leadership-summits/>]

[IEEE Women in Engineering has announced the 8 locations for conducting International Leadership Summit (ILS) across the globe in 2023; and Raipur is chosen as one of these venues.]

* IEEE R10 WiE Champions as a Mentor to WiE IIIT Naya Raipur SB.
* Worked as Associate Professor, Dean IQAC & Foreign Affairs from June 2010 to Jan 2022 at VITS, Hyderabad, Telangana.
* Received approval from Higher Education Department of Raipur Chhattisgarh to Mentor for NAAC Accreditation process in all Government and Private Institutions of Chhattisgarh.
* Received approval from CGCOST for conducting Robotics and Drone Technology Workshop to School students of Raipur, Chhattisgarh
* Successfully completed NBA in 2017 and NBA Re-accreditation in 2020.
* Successfully completed NAAC with A+ Grade in 2022.
* Successfully completed ISO 9001:2015 Certification.
* Received NIRF Ranking in 2020 & 2021 in the Rank Band of 201-250.
* Responsible for all Private Engineering Rankings (India Today, The Week, Times of India, Careers360, GHRDC, Data Quest)
* ARIIA 2021 (Excellent Band).
* Established 15 MOUs with Industry for student Internships, Research & Consultancy Projects, Workshops, Faculty Development Programme, etc.,
* Established 5 MOUs with Foreign Universities from USA, Sweden, and Ireland for Student’s higher studies and research collaborative projects.
* Successful in bringing out Institute Newsletter quarterly.
* Started a new initiative “Innovative Project Expo” for all students to fill the gap of Attainment levels of curriculum.
* First year Student’s Learning Levels Assessment is done by IQAC to know the quality of the students.
* Experience in organizing Faculty Development Programmes, Orientation Programmes, workshops,etc.

# RESEARCH & CONSULTANCY PROJECTS

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| --- | --- | --- | --- | --- |
| **S.No.** | **Project Title** | **Sanctioned Amount (Rs.)** | **Agency/Year** | **Status** |
| 1 | Development of Non- Intrusive Driver Fatigue Detection and Warning System to avoid on road Accidents | 2668220 | SERB, Govt. of India, 2017 | Completed |
| 2 | Smart Security system for an Orphanage | 225000 | EPICS in IEEE, 2017 | Completed |
| 3 | IOT based online Telemedicine system for old age home | 562000 | IEEE HTC, 2019 | Completed |
| 4 | Tele Health Monitoring System in Rural Areas through Primary Health Center using IOT for Covid-19 | 378825 | IEEE SIGHT/HAC, 2020 | Completed |
| 5 | IOT medical kit for rural development | 25000 | Unnat Bharat Abhiyan, Govt. of India, 2020 | Completed |
| 6 | Hands on workshop on IOT Training: Exposing Rural Students to  Opportunities in STEM | 775000 | IEEE CSS, 2020 | Completed |
| 7 | Village Survey | 50000 | Unnat Bharat Abhiyan, Govt. of India, 2019 | Completed |
| 8 | Fire Detection using Image Processing | 12500 | IEEMA-ELECRAMA, 2014 | Completed |
| 9 | CCTV using Raspberry PI | 12500 | IEEMA-ELECRAMA, 2014 | Completed |
| 10 | Robotics Workshop | 50000 | Regional Science Center, Raipur, 2022 | Completed |
| 11 | Drone Technology Workshop | 79000 | Regional Science Center, Raipur, 2022 | Completed |
| 12 | ATAL FDP “Wearable Devices | 93000 | AICTE ATAL, Govt. of  India, 2021 | Completed |
| 13 | Implementation of OBE | 200000 | Indian College of Education, Mahasamund, 2022 | Ongoing |
| 14 | Mentoring HEI towards training and accreditation | 250000 | GNDEC, BIDAR 2022 | Completed with NAAC A+ Grade |
| 15 | Role of IQAC in achieving quality and excellence in Higher education by promoting research, innovation and extension activities | 30000 | NAAC | Completed |
| 16 | MS office Training | 125000 | Labour Department, Government of Chhattisgarh | Ongoing |
| 17 | Consultancy of Website Maintenance | 78000 | CGCOST, Raipur, Chhattisgarh | Ongoing |
| 18 | IEEE WIE ILS, 2023 | 1800000 | Region 10 IEEE WIE, MP Section, SPS, CS, AESS, CIS, PES, Chhattisgarh Tourism board, Chhattisgarh Labour Dept., Godavari Eblu, Technoviz, Geospatial Pvt. Ltd. | Completed |
| 19 | Establishment of Robotics/Drone Incubation center | 739500 | TechnoViz Automation | Ongoing |
| 20 | Best Out of Waste- STEM | 47500 | Regional Science Center | Completed |
| 21 | Implementation of OBE towards quality improvement | 350000 | IBMR College, Hubli | Ongoing |
| 22 | Implementation of OBE | 175000 | GMES Polytechnic College, Bihar | Ongoing |

* Received Exemplary Past Volunteer grant of $1000 to attend **“Women in Engineering International Leadership Conference”,** 2018 at San Jose, USA during May 2018.
* Received IEEE WIE Volunteer grant of $1000 to attend **“Women in Engineering International Leadership Conference”,** 2017 at San Jose, USA during May 2017.
* Received $1400 to conduct various WIE activities under R10 WIE Funding under my leadership as Chair WIE Hyderabad Section.
* R10 WIE Supporting Team Representative for the year 2017.
* Chairperson for IEEE-WIE-AG Hyderabad Section for the year 2016 and 2017.
* Analysis Manager for IEEE R10-Supporting Volunteer Committee,2016.
* Vice-Chairperson for IEEE-WIE-AG Hyderabad Section for the year 2015.
* Involved in Research Project for DST sponsored project.
* Established Research & Development Lab at Vignan Institute of Technology & Science, Hyderabad
* Conducted MATLAB training for II Year students for one week.

# COMPLETED PROJECTS/CONSULTANCIES:

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| --- | --- | --- | --- | --- |
| **S.**  **No.** | **Title** | **Agency** | **Period** | **Grant/ Amount Mobilize**  **d (Rs. )** |
| 1 | Sustainable Practices | IEEE R10 | 3 Months | USD 100 |
| 2 | Small and Medium Scale Enterprise | IEEE R10 | 3 Months | USD 100 |
| 3 | WIE Congress | IEEE R10 | 6 Months | USD 200 |
| 4 | Warangal WIE Zonal  Congress | IEEE WIE R10 | 6 Months | USD 500 |
| 5 | Imparting Interest in Engineering skills among Rural Girl  Students. (IIERGS) | IEEE WIE R10 | 6 Months | USD 300 |
| 6 | WIE National  Leadership Conference | IEEE WIE R10 | 6 Months | USD 400 |
| 7 | Insight of Technology or Youngsters | IEEE WIE R10 | 6 Months | USD 200 |
| 8 | Imparting Enlightenment in engineering education in Tribal  Girl students | IEEE WIE R10 | 6 Months | USD 300 |
| 9 | EAC Capacity Building | IEEE EAC | 6 Months | USD 250 |
| 10 | EAC Local Initiative | IEEE EAC | 6 Months | USD 200 |
| 11 | EAC New Innovation Challenge | IEEE EAC | 6 Months | USD 200 |
| 12 | EAC Try Engineering and STEM | IEEE EAC | 6 Months | USD 150 |
| 13 | IEEE Congress | IEEE SPAA | 3 Months | USD 384 |
| 14 | Smart Garbage monitoring system | IEEE SPS/HAC | 6 Months | USD 1000 |
| 15 | Aeromodelling Workshop for Girl Students of Government School | IEEE WIE Special Funding | 3 Months | USD 200 |

**ACADEMIC QUALIFICATIONS**

* Thesis topic “High Performance and Low Power Driver Fatigue Detection using Image Processing Technique”, for Ph.D to GITAM University,Vishakapatnam,AP.

Guide: 1. Dr.D.Elizabeth Rani, GITAM University, Vishakapatnam

* M.Tech (Digital Electronics & Communication Engineering) from JNTU Hyderabad in June 2008 with 83%.
* B.E(Electronics & Communication Engineering) from VTU,Belgaum in June 2003 with 77%.

## Received Certification on Big data Engineering with Hadoop & Spark, Data Science Specialization, Deep Learning, Machine Learning, Python for Machine Learning from IIT Roorkee.

* Life Member of ISTE(India).
* Life Member of I2OR
* Member IEI
* Senior IEEE Member
* Member of IAENG

# WORK EXPERIENCE

* Presently working as Associate Professor & Director IQAC from Feb 2022 to Till Date at Kalinga University, Raipur, Chhattisgarh.
* June 2010 – Jan 2022, Associate Professor, Dean IQAC & Foreign Affairs, VITS, Hyderabad (affiliated to JNTU, Hyderabad).
* June 2009-May 2010, Assistant Professor, SMCET, Hyderabad (affiliated to JNTU, Hyderabad).
* Dec 2005-May 2009, Assistant Professor, GNEC, Hyderabad (affiliated to JNTU, Hyderabad).
* July 2004-Nov 2005, Lecturer, SSEC, Hyderabad (affiliated to JNTU, Hyderabad).
* July 2003-June 2004, Lecturer, GNDEC, Bidar(affiliated to VTU, Belgaum).

# SUBJECT EXPERTISE

* B.Tech-Electronic Devices & Circuits, Pulse & Digital Circuits, Digital Signal Processing, Digital Communication, Digital Image Processing, Antenna & Wave Propagation, Microwave Engineering, VLSI System Design.
* M.Tech-DSP Processor & Architecture, Low power VLSI, VLSI System Design.

## Software

* Python, OpenCV, MATLAB,Scilab,Simulink.
* Has good knowledge about image processing programming using Python OpenCV, Matlab
* Comfortable with Windows and Linux Operating System.

## Hardware

* Beagle Board C4, Beagle Board Xm, BeagleBone, Wandboard, Raspberry Pi, DM6437 and Xilinx 7000 board.

# ACHIEVEMENTS

* Received Academic Excellence Nari Shakti Award on the occasion of International Women’s Day 2023
* Remarkable Women Award in 2021 for Academic & Research Excellence.
* Best Women Researcher Award from ISORD in 2021.
  + Got Best Paper Award in Springer International Conference on Computer Science and Engineering (ICICSE-2016), at GNITC, Hyderabad.
  + Got Best Paper Award in IEEE International Conference on Human Computer Interaction (ICHCI’13), at Saveetha University, Chennai.
  + Got First position during II Year B.E.
  + Got Second position during III Year B.E.
  + Got First position during I Year I Sem M.Tech.
  + Got First position during I Year II Sem M.Tech.
  + Conducted a Faculty Development Program on “Image Processing”

# DETAIL OF PATENTS

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.No** | **Patent Title** | **Name of Applicant(s)** | **Patent No.** | **Award Date** | **Agency/Count ry** | **Status** |
| 1 | High performance  low power (HPLP) computer vision  based real-time  driver fatigue  detection method  and alert system | Dr.Vijayalaxmi  Biradar | 201841020  769 | 15/06/2018 | India | Published |
| 2 | Real-Time Non- Intrusive Driver  Fatigue Detection  And Alert System | Dr.Vijayalaxmi  Biradar | 202041044  246 | 16/10/2020 | India | Published |
| 3 | Digitalization of Education- Challenges and Measures for Promotion Innovative Technology for Deliver | Dr.Vijayalaxmi  Biradar | 202321028905 | 01/08/2023 | India | Published |
| 4 | Biosensor Device for Cancer Cell Detection | Dr.Vijayalaxmi  Biradar | 6317655 | 12/10/2023 | Germany | Published |

**PARTICIPATION IN CONTINUING EDUCATION PROGRAMS**

* + Certification Programme on “Big Data Engineering with Hadoop and Spark”, by Electronics & ICT Academy, IIT Roorkee in 2020.
  + Certification Programme on “Data Science Specialization”, by Electronics & ICT Academy, IIT Roorkee in 2020.
  + Certification Programme on “Deep Learning”, by Electronics & ICT Academy, IIT Roorkee in 2020.
  + Certification Programme on “Machine Learning”, by Electronics & ICT Academy, IIT Roorkee in 2020.
  + Certification Programme on “Python for Machine Learning”, by Electronics & ICT Academy, IIT Roorkee in 2020.
  + Completed Certification course on “Artificial Intelligence”, from Apply Volt in 2020.
  + Completed Certification course on “Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials”, from IIRS, Dehradun, ISRO, Government of India in 2020.
  + Completed Course on “TI Embedded System Design using MSP430 MCU MOOC”, from Texas Instruments.
  + Attended IEEE WIE Global Summit on 24th August,2016 at Bangalore.
  + Attended IEEE SYWL Congress on 25th-27th August,2016 at Bangalore.
  + Workshop on “Signals and Systems” conducted by IIT Kharagpur on January 2014.
  + Workshop on “Introduction to Research Methodologies”, conducted by IIT Bombay on June 2013.
  + Workshop on “Models of Artificial Neural Networks” conducted by IUCEE on August 2010 at Tirupati.
  + Workshop on “MATLAB using simulink” conducted by Mathworks on June 2010 at Hyderabad.
  + Faculty development program on “Embedded & Real time operating system” Conducted by VITS on Dec 2010 at Hyderabad.
  + Faculty development program on “Digital image processing” conducted by VITS on June 2011 at Hyderabad.
  + Training on “Black Board Software” conducted by Sumera Technology on Jan 2011 at Hyderabad.

# PROJECTS

1. Title: Hand Gesture Controlled Robot using Image Processing
2. Title: Fire Detection and Alert System using Image Processing
3. Title: Haptic Belt for Blind
4. Title: Autonomous Robot
5. Title: Bluetooth Controlled Robot
6. Title: IR remote controlled Robot
7. Title: Line Following Robot
8. Title: Smart Kalinga Campus
9. Title: Smart Irrigation System
10. Title: Self Balancing Robot
11. And so on ….

# REVIEWER / COMMITTEE MEMBER

* Secretary for IEEE WIE-CON 2022 Conference, IIIT Naya Raipur
* Program Committee member for IEEE WIE-CON Conference from 2017 to 2020.
* Technical Program Committee Member for URSI-RCRS 2017
* Committee member for International conference on Recent Advances ComputerScience and Communication Technology (ICRCSCT) 2018.
* **Reviewer for Advances in Science, Technology and Engineering Systems Journal.**
* Reviewer for IEEE TENCON, 2016
* Reviewer for Elsevier Journal 2016
* Reviewer for URSI-RCRS 2017
* Reviewer for Advances in Science, Technology and Engineering Systems Journal

# RESEARCH PUBLICATIONS

* + Vijayalaxmi Biradar, A.Kiran Kumar, B.Madhusudan Reddy, “Hardware Prototyping For Video And Signal Processing Applications Using DM 6437 Texas Instrument Evaluation Board”, International Journal of Pure and Applied Mathematics Volume 120 No. 6 2018, 4127-4138. **Scopus Indexed.**
  + Sarat Chandra Mohanty, Anup Kumar Jana, Vijayalaxmi Biradar, Rutika Umesh Kankrej “Effect Of Carbonaceous Nanofibre On The Mechanical Properties Of Conventional Glass-Epoxy Composites”, Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology, Volume 54, Issue 9, Pages-77-80. **Scopus Indexed**
  + Anup Kumar Jana\*, Sarat Chandra Mohanty, Vijayalaxmi Biradar, Mahankali Vamshi Krishna. (2022). PARAMETRIC OPTIMIZATION IN WIRE CUT EDM ON 316 STAINLESS STEEL. *Journal of East China University of Science and Technology*, *65*(3), 854–859. Retrieved from <http://hdlgdxxb.info/index.php/JE_CUST/article/view/318>. **Scopus Indexed**
  + Dr. Vijayalaxmi. (2022). FEATURE EXTRACTION AND CLASSIFICATION OF PALM PRINT USING ARTIFICIAL INTELLIGENCE TECHNIQUES. Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology, 54(5), 131–140. Retrieved from [http://hebgydxxb.periodicales.com/index.php/JHIT/article/view/1026.](http://hebgydxxb.periodicales.com/index.php/JHIT/article/view/1026) **Scopus Indexed.**
  + Prashant Upadhyay, Narendra Mustare, Ajay Kushwaha, Vijayalaxmi Biradar, P. Padmaja, Rajeev Shrivastava, Om Prakash Sahu, Anil Kumar Sahu, Anurag S. D. Rai, and Kenenisa Dekeba “Antenna Design for Spectrum Sharing in 5G Wireless Communication Systems”, Hindawi Publications. **SCI Indexed.**
  + Shailesh M. Deshmukh\*1 & Dr. Vijayalaxmi2. (2022). DESIGN OF MICROGRIDS FOR HYBRID ELECTRIC VEHICLES CHARGING STATIONS. Harbin Gongye Daxue Xuebao/Journal of Harbin Institute of Technology, 54(5), 172–181. Retrieved from [http://hebgydxxb.periodicales.com/index.php/JHIT/article/view/1031.](http://hebgydxxb.periodicales.com/index.php/JHIT/article/view/1031)

**Scopus Indexed.**

* + Anuradha Chavali, Vijayalaxmi Biradar, “Teacher Engagement and Commitment towards the Organization, Teaching and Work group in Engineering Colleges in Hyderabad”, International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-8 Issue-4, November 2019. **Scopus Indexed.**
* Dr.Vijayalaxmi “Implementation of face and eye detection on DM6437 board using simulink model”, Bulletin of Electrical Engineering and Informatics Volume 9 Issue 2 PP.785-791 2020. **Scopus Indexed.**
* Dr.Vijayalaxmi “Image processing based eye detection methods a theoretical review”, Bulletin of Electrical Engineering and Informatics Volume 9 Issue 3 pp. 1189-1197, 2020. **Scopus Indexed**
  + Vijayalaxmi Biradar, A.Kiran Kumar, B.Madhusudan Reddy, “DM3730 Processor Hardware Debugging on Linux Platform”, 4th International Conference for Convergence in Technology (I2CT). **IEEE Publsihed**
  + Vijayalaxmi Biradar, “Comparison of Eye Detection Methods using Image Processing”, International Journal of Engineering & Technology, 7 (4.6) (2018) 314-319. **Scopus Indexed.**
  + Ms.Vijayalaxmi, D.Elizabeth Rani, “Driver Fatigue Estimation using PERCLOS”, Springer-International Conference on Innovations in Computer Science and Engineering,(ICICSE-2016), 22nd & 23rd July,2016 organized by GNITC, Hyderabad. **Springer LNCS**
  + Ms.Vijayalaxmi, “Development of a Robot for Identifying a Unique Object”, Journal of Electronic Design Technology ISSN: 2229-6980(online), ISSN: 2321-4228(print), Volume 7, Issue [2,w](http://www.stmjournals.com/)ww[.stmjournals.com.](http://www.stmjournals.com/) **Free Journal**
  + Ms.Vijayalaxmi, D.Elizabeth Rani, “High Performance and Low Power (HPLP) Driver Fatigue Detection System”, International journal of Latest Trends in Engineering and Technology (IJLTET), May 2016, Volume 7, Issue 1, ISSN:2278-621X.
  + Ms.Vijayalaxmi, D.Elizabeth Rani, “Driver Fatigue Estimation Using Image Processing Technique”, I.J. Information Technology and Computer Science, 2016, 6, 66-72 Published Online June 2016 in MECS (<http://www.mecs-press.org/)> DOI: 10.5815/ijitcs.2016.06.09. **Free Journal**
  + Ms.Vijayalaxmi, “Performance Analysis of DSP & ARM Processor for Image Processing Applications”, Advances in Computer Science and Engineering © 2016 Pushpa Publishing House, Allahabad, India Published Online: August 2016, [http://dx.doi.org/10.17654/CS016120039,Volume](http://dx.doi.org/10.17654/CS016120039%2CVolume) 16, Numbers 1-2, 2016, Pages 39- 48ISSN: 0973-6999. **Free Journal**
  + Ms.Vijayalaxmi, “Image Processing Based Hand Gesture Controlled Robot OnRaspberry PI”, ISSN 2277-2685 IJESR/March 2016/ Vol-6/Issue-3/49-54.
  + Ms.Vijayalaxmi, D.Elizabeth Rani, “A Real-Time Implementation of Face and Eye Tracking on OMAP Processor”,© Springer Science+Business Media Singapore 2016

H.S. Saini et al. (eds.), Innovations in Computer Science and Engineering, Advances in Intelligent Systems and Computing 413, DOI 10.1007/978-981-10-0419-3\_29. **Springer LNCS**

* + Ms.Vijayalaxmi, D.Elizabeth Rani, “Performance Analyses and Comparison of Eye Detection Techniques”, International Journal of Signal Processing, Image Processing and Pattern Recognition Vol. 8, No. 4 (2015), pp. 135-

144, [http://dx.doi.org/10.14257/ijsip.2015.8.4.12.](http://dx.doi.org/10.14257/ijsip.2015.8.4.12) **Free Journal**

* + Ms.Vijayalaxmi, D.Elizabeth Rani, “Eye State Detection Using Image Processing Technique”, American Journal of Engineering Research (AJER),Vol 4, Issue 01, pp-43- 48, e-ISSN : 2320-0847 p-ISSN : 2320-0936, in Dec 2014.
  + Vijayalaxmi, B.Shravani, G.Sree Ram, “ Fire Detection and alert system using image processing “, Speical Issue, Global Journal of Advanced Engineering Technology, pp- 158-160, ISSN (Online): 2277-6370 & ISSN (Print): 2394-0921, in Oct,2014.
  + Vijayalaxmi, K.Srilatha, K.Pranathi, “ Visually Guided Amphibious Robot”, Speical Issue, Global Journal of Advanced Engineering Technology, pp-20-23, ISSN (Online): 2277-6370 & ISSN (Print): 2394-0921, in Oct,2014.
  + Vijayalaxmi, K.Anjali,B.Srujana, P.Rohith Kumar, “Object Detection And Tracking Using Image Processing”, • Speical Issue, Global Journal of Advanced Engineering Technology, pp-113-115, ISSN (Online): 2277-6370 & ISSN (Print): 2394-0921, in Oct,2014.
  + Anil. B and B. Vijayalaxmi, “Tablet Based Attendence Monitoring System”, Vol. 4, Issue 01, International journal of advances in computer, electrical & electronics engineering, pp-49-51, ISSN: 2248-9584, Oct-2014 to March-2015.
  + Ms.Vijayalaxmi, D.Elizabeth Rani, “Robust Eye & Pupil Detection using Contours”, Pensee Journal, France, Vol. 76,Issue 4. (ISSN: 0031-4773),Impact Factor=0.063, in April 2014. **SCI Indexed**
  + Ms.Vijayalaxmi, Dr.P.Sudhakar Rao, “Eye Detection using Gabor Filter & SVM”, 4th International Conference on Soft Computing and Pattern Recognition (SoCPaR 2012),Universiti Brunei Darussalam, Brunei Darussalam, Nov 27-29, 2012, Page No.880-883, ISBN: 978-1-4673-5117-1. **IEEE**
  + Ms.Vijayalaxmi,Dr.P.Sudhakar,Mr.Sreehari, “Neural Network Approach for eye detection”, The Second International Conference on Computer Science, Engineering and Applications (CCSEA-2012), May 26-27, 2012, Delhi, India, Proceedings Volume Editors: David C. Wyld, Jan Zizka, Dhinaharan Nagamalai ISBN : 978-1-921987-03-8.
  + Ms.Vijayalaxmi,Dr.P.Sudhakar,Mr.Sreehari, “A New Procedure for segmenting eyes from Human face”,International Journal of Emerging Technologies & Applications in engineering Technology & Science, Volume 4,Issue 2 pp.210-213 , July’11 –Dec’11 Edition,Gujrat India.
  + Ms.Vijayalaxmi, Mr.Sreehari, “Knowledge based template for Eye detection ”, National Conference on Microwave,Antenna & Signal Processing, pp.90 ,April 2011.
  + Ms.Vijayalaxmi,Mrs.N.Neelima, “Performance improvement of SOI over Bulk CMOS”,National Conference ,Bangalore, pp.59.

# BOOKS/REPORTS/CHAPTERS/GENERAL ARTICLES ETC.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Title** | **Author’s Name** | **Publisher** | **Year of Publication** |
| 1 | Digitalization of Education- Challenges and Measures for Promotion | Dr.Vijayalaxmi Biradar  Dr.Anuradha Chavali | Springer | 2022 |
| 2 | Tele Health Monitoring System in Rural Areas through Primary Health Center using IOT for  Covid-19 | Dr.Vijayalaxmi Biradar Dr. G. Durga Sukumar | Springer | 2021 |
| 3 | DM3730 Processor Hardware Debugging  on Linux Platform and Its Application | K. Yadaiah , Vijayalaxmi Biradar and G. Durga  Sukumar | Emerging Trends in Engineering  Research and Technology | 2020 |

**IEEE ACTIVITIES CONDUCTED/ORGANIZED**

## Started 8 new WIE AG in Hyderabad Section under my Tenure as Chair of IEEE WIE AG Hyderabad Section

* + Power of volunteering- 16th July,2014 at VITS
  + Kick Start Session- 18th July,2014 at VITS
  + STAR Event: The Techno Nourishment- 2nd August,2014 at Bapuji High School,Kukatpally
  + STAR Event: Stepping out with a Social Goal-7th August,2014 at Kavadipally Govt.School
  + Paper Presentation Competition-12th September,2014 at VITS
  + IEEE WIE Congress in collaboration with IEEE WIE AG Hyderabad Section-18th & 19th, October,2014 at VITS
  + Interactive Session with TCS-13th Nov,2014 at Vignan School, Saroor nagar
  + Swine Flu Awareness Camp- 31st,Jan,2015 at Kavadipally Village
  + STAR Event: Stepping out with a Social Goal-24th February,2015 at Govt.School,Choutuppal.
  + Quizmania-6th April,2015 at VITS
  + Small and Medium Scale Enterprise for Women in collaboration with IEEE WIE AG Hyderabad Section- 18th October,2015
  + Arduino Workshop- 16th-18th Jan,2016 at VITS
  + IEEE STAR Event-26th January,2016 at Center for Social Service, Hayathnagar
  + IEEE STAR Event-24th January,2016 at Anadh Vidyarathi Griha, L.B.Nagar
  + IGNUS'16- 6th February,2016 at VITS
  + Inaugurated five IEEE WIE AG under Hyderabad Section during January'16 to August'16.
  + One day workshop on Android App Development-16th July,2016 at VITS
  + Career Guidance and Opportunities for Women in Collaboration with IEEE WIE AG and Education Society Hyderabad Section- 6th August,2016 at Matrusri Engineering College, Saidabad
  + IEEE WIE Zonal Congress'16 in collaboration with IEEE WIE AG and IEEE SB GPREC WIE AG Anathapur - 11th & 12th March,2016 at G.Pulla Reddy Engineering College, Ananthapur.
  + Workshop on Ruby on Rails, KL University, Guntur Sub-section- 8th March,2017
  + Women connect- KL University, Guntur Sub-Section- 8th March,2017
  + Women’s Day Celebration- TCS Deccan Park- 10th March,2017
  + WIE Meet and Membership Drive- NIT Warangal- 1st April,2017
  + IEEE & WIE Awareness Program. Kakatiya University, Warangal- 22nd April,2017
  + Inauguration of WIE AG MREC Autonomous, Hyderabad- 3rd July,2017
  + Inauguration of WIE AG KMIT, Hyderabad- 29th July,2017
  + Imparting Interest in Engineering Skills among rural Girl students- Vizag Bay Section- 21st & 28th October,2017
  + WIE Zonal congress, Warangal- 18th & 19th August,2017
  + Industrial Visit, NRSC- 8th October,2017
  + Insight of technology for Youngsters- 30th October,2017
  + Women in Engineering National Leadership Conference, Microsoft, Hyderabad- 16th December, 2017.
  + Started IEEE Student Branch at Kalinga University, Raipur, Chhattisgarh

# ADMINISTRATIVE

* + Dean IQAC and Foreign affairs from the year 2016 to 2022.
  + Innovative Projects in-charge for 2017, 2018 & 2019.
  + Chairperson Women Protection Cell 2017 & 2018.
  + IEEE VITS Student Branch Counsellor 2018.
  + IEEE-WIE VITS Student branch Advisor.
  + M.Tech Coordinator, from July 2010 to till date at VITS, Hyderabad.
  + Member for Vignite Nation level Technical festival conducted by VITS, Hyderabad.
  + Incharge for Souvenir publication for Vignite National level Technical festival.
  + Incharge for Mini & Major Projects at VITS,Hyderabad.

# PROFILE LINKS

* Google Scholar Profile: <https://scholar.google.com/citations?user=Vuu6ZpwAAAAJ&hl=en>
* ORCID: 0000-0002-4423-7929
* Publons ID: <https://publons.com/researcher/5296959/vijayalaxmi-biradar/>
* Scopus Author ID: 57185520700
* Research Gate ID: GLR-8916-2022
* Academia: <https://independent.academia.edu/biradarvijayalaxmi>
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# PERSONAL

* + Born on 08/11/1981, Karnataka, India.
  + Fluent in English, Hindi, Kannada, Telugu and Marathi.
  + Young, Dynamic, Competitive nature, Ambitious, Adaptive and a keen learner.
  + Optimistic personality with a positive outlook.

## Date: 17.12.2023

**Place: Raipur Dr. Vijayalaxmi**