

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA

Department of Electronics

Profile of the staff

Name: Ms.K.Hannah Anuhya

Educational Qualification: M.Sc.

Designation: Head, Department of Electronics &
Degree Vice-Principal

Years of experience: 18

Email Id: anuhya@marisstella.ac.in

Languages Known: Telugu, English & Hindi

Areas of Interest: Analog & Digital Electronics, Opto- Electronics,
Microprocessors, Computer Architecture



Academic Contribution

- Head of the Department
- Degree Vice-Principal
- IQAC Core Committee
- Planning & Evaluation Committee
- Academic Council
- Examination Committee
- Results Committee
- Handbook Committee
- Timetable Committee
- Student Welfare Committee
- Coordinator, NIRF & other rankings
- ESC Coordinator, Andhra Pradesh State Skill Development Council (APSSDC)
- Coordinator, English Language Fellow Program sponsored by US Consulate, Hyderabad.

Academic Profile:

Resource Person

- Delivered online lectures on Microprocessor for the III B.Sc. MECs students of Little Flower Degree & PG College, Uppal, Hyderabad, Telangana in the faculty exchange programme between Maris Stella

College (A), Vijayawada and Little Flower Degree & PG College, Uppal, Hyderabad, Telangana as a part of academic collaborative activity under Xavier Board of Higher Education from 15.9.2022 to 23.9.2022.

- Five day online workshop in Digital Assessment through Examineer Software organised by IQAC, Maris Stella College, Vijayawada from 17 - 21 August, 2020.

Courses completed

- A course on Energy Literacy as a part of the Energy Literacy Drive of the Energy Swaraj Foundation and supported by Maanaveeya Development & Finance Private Limited on 13 Feb, 2023.
- A course on Elementary English as a Second Language offered by Saylor.org Academy on 5 Jan 2023.
- A course on an Introduction to Hybrid Teaching offered by United Board & Christ University on 21st July 2021.
- A 4-week course on Work Smarter, Not Harder: Time Management for Personal & Professional Productivity offered by Coursera from 14 September - 11 October, 2020.
- A 4-week course on Grammar and Punctuation offered by Coursera from 7 September - 4 October, 2020.
- A 4-week introductory course on Learn Moodle 3.9 Basics offered by learn.moodle.org in October 2020.
- A course on Beginning Lower-Intermediate English as a Second Language offered by Saylor.org Academy on 26 Jan 2020.

Research Publications:

Conference Proceedings

- Published a paper on The Basics of Intellectual Property in International Journal of Business, Management and Allied Sciences with ISSN: 2349-4638.
- The Basics of Intellectual Property in International Journal of Business, Management and Allied Sciences with ISSN:2349-4638
- Sensors for a Smarter World” with ISBN: 978-81-942990-6-6.
- Convergence of Internet of Things with Artificial Intelligence in the International Journal for Modern Trends in Science and Technology (IJMTST), Volume 4, Special Issue 3, June 2018 with ISSN: 2455-3778 (Online) with impact factor 2.784.

- Shaping the future of Internet: Internet of Things (IOT)” in the International Journal of Innovative Research in Information Security (IJIRIS), Volume III, Issue 09 of Dec, 2016 with ISSN: 2349-7009 (Print), 2349 –7017(Online) with impact factor 3.391.
- Potential Impact of Nano materials in Information and Communication Technologies in the Indian Journal of Research in Pharmacy and Biotechnology (IJRPB), Volume 4, Issue 6 of Nov-Dec, 2016 with ISSN: 2321-5674 (Print), 2320 –3471(Online)
- Ultrasonic Investigations in Alcoholic Mixtures containing Propan-1-ol with water in the International Journal of Engineering Research- Online (Vol.3, S1, 2015(Jan-Feb)), ISSN: 2321-7758 with impact factor 3.601.

Paper Presentations

- The Role of IT in Mitigation and Preparedness of Disasters in a two day DBT-sponsored National seminar on Emerging Trends in Environment and Sustainable Development” organized by the Departments of Botany, Biotechnology & Microbiology, Andhra Loyola College, Vijayawada on 2 and 3 September, 2016.
- Environmental Impact on Nano Science in a UGC sponsored two day National seminar on Shaping the future with Nano Sciences organized by the Department of Chemistry, P.B Siddhartha College, Vijayawada in association with Krishna University, Machilipatnam on 19 and 20 August, 2015.
- Electronic Materials - A Step Towards Future of Electronics” in a two day UGC sponsored National seminar on “Development of Advanced Materials in Physics & Electronics and their Applications” organized by the Department of Physics & Electronics, KBN College, Vijayawada on 15 and 16 October, 2014.
- The Changing Telecommunications Environment in a two day UGC sponsored National seminar on “Applications, Advances & Challenges in Space Research” organized by the Department of Physics, P.B.Siddhartha College, Vijayawada on 19 and 20 September, 2014.
- Collaborative Education through e-learning at the UGC sponsored National seminar on “Information and Communication Technologies in making a Healthy Information society with Special reference to use of ICTs in Educational Technology” on August 11-12, 2014 at Andhra Loyola College, Vijayawada.

Workshops/Seminars/Webinars/Conferences Attended

- Participated in the Five-day Virtual Capacity Building Workshop on 'Research & Publications in Service-Learning Programs' sponsored by the United Board organized by the IQAC, Maris Stella College (A), Vijayawada from 9 – 13 Jan. 2023.
- Participated in a One-day National Webinar on 'Effective Implementation of NEP 2020: Role of Teachers & Institutions' organized by the IQAC, Maris Stella College (A), Vijayawada on 08.10.2022.
- Participated in three day Science Academies Lecture Workshop on Physics Behind Smart Materials organized by Dept. of Physics, Andhra Loyola College, Vijayawada from 28th – 30th March, 2022.
- Participated in a National Webinar on Transformative Pathways in Higher Education-Pedagogical Futures organized by Xavier Board of Higher Education in India on 26th March, 2022.
- Participated in an online workshop on NAAC & NBA Accreditation organized by Educorp Centre for Research and Advanced Studies Pvt. Ltd. on 14th November, 2021.
- Participated in the Virtual International Conference on Breaking the Cycle of Poverty: Challenges and way forward organized by Kristu Jayanti College (Autonomous), Bengaluru, India on 17th October, 2021.
- Participated in a three day National Virtual Conference on Women Empowerment: Gender, Health and Space Science jointly organized by the Department of Physics and IQAC, Maris Stella College from 7th – 9th October, 2021.
- Attended the International Workshop on Flexible Hybrid Electronics-Manufacturing Processes and Applications organized by KL University from 4th – 8th October, 2021.
- Participated in the National Webinar on Utilization of Resources and Services of NDLI organized by the Library & Information Science and the IAQC, Maris Stella College on 29th September, 2021.
- Participated in a three day International Webinar on Online Safety of Women from Sexual Exploitation and Human Trafficking organized by Dept. of Social Work, Maris Stella College from 17th – 19th August, 2021.
- Participated in We Think Digital- Digital Shakti 3.0 webinar jointly organized by National Commission for Women, Facebook, Cyber Peace Foundation & Autobot Infosec on 30th July, 2021.

- Two day national virtual conference on Impact of Covid-19 on Women in Rural India organised by the Department of Economics, Maris Stella College, Vijayawada from 22-23 December, 2020.
- Five-day online workshop on Formal Written Communication organized by the IQAC, Maris Stella College, Vijayawada in collaboration with Christ (deemed to be University), Bengaluru from 19-23 October, 2020.
- Six day online international workshop on Research Methodology in Science organized by Aretex Scientific International Pvt. Ltd, Vijayawada from 5 -10 October, 2020.
- Five day online workshop on Question Bank Preparation and Validation organised by IQAC, Maris Stella College, Vijayawada from 31 August to 4 September, 2020.
- Three day workshop on Office Automation Tools organised by the Department of Computer Science & IQAC, Maris Stella College, Vijayawada from 21-23 July, 2020.
- National webinar on Internet of Things (IoT) – Applications organised by Department of Electronics, Andhra Loyola College, Vijayawada in association with Ramson Tech labs on 12 July, 2020.
- International webinar on Human brains are special. Are they really? Organised by the Department of Electronics, St. Joseph's College, Bengaluru on 27 June, 2020.
- Five day Digital Workshop on Outcome Based Education: Teaching and Learning Online and Measuring Outcome Attainment organised by IQAC from 8 -9, 15- 16 & 19 June, 2020.
- Two day debriefing session on BELBIN Team Roles (Super 30) held at Maris Stella College, Vijayawada on 9 & 10 March, 2020.
- National webinar on Insight into SARS Coronavirus-2: A Molecular update organised by Department of Zoology & Microbiology, Maris Stella College, Vijayawada on 10 June, 2020.
- Virtual Summit on COVID 19: Impact on Education, Technology, Environment & Mankind organised by Dept. of CSE, Andhra Loyola Institute of Engineering & Technology, Vijayawada on 30 May, 2020.
- Webinar on NAAC Accrediation organised by IQAC, Marian College, Kuttikkanam (Autonomous), Kerala on 22 May, 2020.
- International Webinar on Impact of COVID-19 on Indian Economy organised by St. Pious X Degree & PG College for Women , Hyderabad on 16 May, 2020.

- Tech World Congress on India Technology Week@ Home 2020 organised by Electronics For You (EFY) Group from 13- 15 May, 2020.
- International E Panel Discussion Programme on Online Learning and its Positive & Negative Impact on Future Generation Education organised by International School of Management, Patna on 14 May, 2020.
- Webinar on Role of us in Academic Planning and Execution in view of COVID-19 pandemic and subsequent lockdown organised by K.G.R.L.College (A), Bhimavaram on 9 May, 2020.
- Workshop on basic introduction to MOODLE organised by IQAC, Marian College, Kuttikkanam (Autonomous), Kerala on 4 May, 2020.
- Workshop on Video Content Creation organised by IQAC, Marian College, Kuttikkanam (Autonomous), Kerala from 15-17 April, 2020.
- Two day National Conference on IPR held at Maris Stella College, Vijayawada on 28 & 29 February, 2020.
- One day workshop on Mentoring held at Maris Stella College, Vijayawada on 7 January, 2020.
- Video conference on NIRF through virtual classrooms organised by Commissionerate of Collegiate Education (CCE), Andhra Pradesh on 19 November, 2018.
- International Interdisciplinary Conference on “Knowledge Partnerships to Advance UN Sustainable Development Goals” organized by St. Philomena’s College, Mysuru in collaboration with Asia Cooperation Dialogue (ACD) University Network, Siam University, Thailand, Chulalongkorn University Global Network (CGN), Thailand, Xavier Board of Higher Education in India and The Sustainability Platform (TSP) on 17 and 18 November, 2017.
- 2nd A.P Science Congress on the theme “Science and Technology for Health” organized by A.P Academic of Sciences in association with Dr.NTR University of Health Science, Acharya Nagarjuna University and Krishna University held at P.B.Siddhartha College of Arts & Science, Vijayawada during 7-9 November, 2016.
- Two day NHBC sponsored National Conference on “Women in Mathematics a special reference to Lilavati” organized by the Department of Mathematics, Maris Stella College, Vijayawada on the 20 and 21 February, 2015.
- One day Workshop on “NIRF Ranking” organized by APSICHE held at ANU, Guntur on 17 October, 2019.

- Two day National Level Workshop on “Quality Enhancement Measures in Higher, Technical, Professional and Management Educational Institutions with special focus on NIRF India Rankings” held at JNTU, Hyderabad on 18 & 19 October, 2019.
- Three day National Workshop on “Constructive Alignment and Outcome based Education” held at Maris Stella College, Vijayawada from 21 - 23 October, 2019.
- Two day National Workshop on “Designing Effective Assessment Practices and Digital Technology” held at Maris Stella College, Vijayawada from 2 - 3 December, 2019.
- One-day workshop on IPR IN INDIAN SCENARIO: Current Perspectives and Future Challenges, organized by the PG Department of Business Administration in collaboration with Internal Quality Assurance Cell on 16 November, 2019.
- Visited St.Joseph’s College, Jyoti Nivas College and Christ University, Bangalore to study the examination reforms and best practices from 20 -21 May, 2019.
- Two day workshop on “Google Classroom” at Maris Stella College, Vijayawada on 15 and 16 October, 2018.
- National Workshop on “Moving towards Synergetic Convergence of Society for equal rights and opportunities for girls and young women” conducted by the Dept. of Social Work, Maris Stella College, Vijayawada in collaboration with Mahita-Plan International on 26 Sep, 2017.
- One day State Level Workshop on Cluster Electives of CBCS through Virtual Classrooms organized by Department of Economics, Mathematics & Statistics, SRR & CVR Government Degree College (A), Vijayawada on 6 December, 2017.
- One day workshop on “Human Values Development Programme” held at Ch.S.D.St.Theresa’s College for Women, Eluru on 17 July, 2015 organized by All India Association for Christian Higher Education (AIACHE), New Delhi.
- Two day workshop on “Radiation and its uses, Nuclear Power and Environment” organized by the Department of Physics, P.B.Siddhartha College, Vijayawada in association with Indira Gandhi Center for Atomic Research (IGCAR), Kalpakkam on 27 & 28 of February, 2016.

- Workshop on “Hands-on Experience on SPSS package” organized by Xavier Board of Higher Education in collaboration with Christ University, Bangalore held from 7-9 May 2014.
- Workshop on “Condensed Matter Physics and Embedded Systems” organized by P.B.Siddhartha College, Vijayawada on 17 December 2013.

FDPs/Training Programs Attended

- Visited CHRIST (Deemed to be University), Bangalore, Karnataka from 9 - 11 March, 2023 to learn the Service-Learning initiatives and other best practices at the University.
- Participated in the Professional Development Programme: Two-day Workshop on ‘Professionalism, Work Ethics & Ethos for Professional Growth’, organized by the IQAC, Maris Stella College (A), Vijayawada from 11 - 12 November, 2022.
- Participated in the Faculty Development Programme: Three-day Workshop on ‘Learning Through Language Supportive, Interactive & Inclusive Pedagogy’ organized by the IQAC, Maris Stella College (A), Vijayawada in collaboration with the US Consulate, Hyderabad from 12 -14 Sep, 2022.
- Participated in a five day Virtual Faculty Training Programme on Concepts and Service-Learning Models organized by the IQAC, Maris Stella College, Vijayawada sponsored by the United Board, South Asia from 7th – 11th February, 2022.
- Participated in one week FDP on Current Trends in Information Technology organized by the School of Computational Science, Nehru Arts and Science College, Tamilnadu in association with CANNY-Consortium of Colleges from 2nd – 9th February, 2022.
- Participated in a three day Virtual Professional Development Programme on Motivating Motivators: Practical Tips, Strategies and Skills organized by the IQAC, Maris Stella College from 18th – 20th November, 2021.
- Two day online faculty development programme on Service- Learning organised by IQAC, Maris Stella College, Vijayawada from 11- 12 January, 2021.
- One week national online FDP on Assessment and Evaluation in Higher Education organised by CREATES, IISER Bhopal under the PMMMNTT Scheme of MHRD from 27 - 31 July, 2020.

- National Level Faculty Development Program 2.0 on Online course planning and design, Best practices for online teaching organised by North Storm Academy from 14 – 15 May, 2020.
- National Online FDP on Quality Enhancement in Higher Educational Institutions - Future Vision organised by IQAC, St. Ann's College for Women, Hyderabad from 4- 6 May, 2020.
- Ten day national online FDP on eLearning Professional Development Programme Cohort 2 organised by Koneru Bhaskara Rao & Hemalata Human Development Foundation from 22- 31 May, 2020.
- Faculty Training Program of South Asia on “Whole Person Education Training” at Asian University for Women, Chittagong from 22 February, 2019 to 1 March, 2019.
- National Level Faculty Development Programme on “Funding Agencies Research Grant and Proposal writing” organized by St. Joseph’s College of Commerce Research Center, Bangalore on 20 December, 2016.