


PSC & KVSC Govt. College, NANDYAL

Faculty Profile

Name &Address of the Faculty	 <p>RUKALA SHASIKALA LECTURER IN PHYSICS PSC & KVSC GOVT. COLLEGE, NANDYAL.</p>
Email	sivamadhav2012@gmail.com
Educational Qualifications	M.Sc., M.Phil., Ph.D.
Area of Expertise	Physics
Teaching Experience	05Years
Present Post	Lecturer in Physics
Professional Training Programs attended	<ol style="list-style-type: none">1. Participated in a Two Week Induction Training Programme for “Newly Recruited Lecturers” conducted by APHRDI at Visakhapatnam2. Completed a 4-Week Online Induction/Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education from 4 June 2020 to 01 July 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.3. Participated in a Five-day APCCE-US FDP on New Knowledge in Physics and Energy materials: Advanced Research Techniques from 6th July 2020 to 10th July 2020 organised by CCE, A.P., Vijayawada.4. Completed a Two weeks FDP on “Advanced concepts for Developing MOOCs” from 02nd July to 17th July 2020 organized by Teaching Learning Centre, Ramanujan College, University of Delhi.5. Completed One week FDP on “Enhancing Digital Proficiency: A Platform for Refining the Research and Teaching Skills” from 12th -16th , August 2020 organised by Adikavi Nannaya University, Rajamahendravaram, A.P.6. Participated in the 6 Day Training of the Trainers Programme on “English medium of Instruction, Proficiency in English” from 12th -17th , June 2023 at NRC, Nandyal organized by CCE, A.P., Mangalagiri.

Publications in Journals	<ol style="list-style-type: none"> 1. "Design and development of embedded based control system for optimal plant growth using water management system" in International journal of Scientific and Engineering Research, volume 7, issue9 , September, 2016, ISSN-2229-5518. 2. "Design and development of automatic and remotely controlled plant watering and soil moisture sensing system" in International journal of Science and Research, volume 6, issue 1, 2017, ISSN-2319-7064. 3. Research Review International Journal of Multidisciplinary, jan2019, ISSN 2455 3085, Benefits of Renewable energy sources to the environment, National Seminar organised by Ideal college jan24&25, 2019. ugc list no.44945, impact factor- 5.164 4. Feb2020, ISSN NO.0022 1945, published in Journal of Interdisciplinary Cycle Research, Topic- Advantages and Disadvantages of Green Technology: A Study, organised by P.R GOVT. college dec18&19,2019, ugc list no.21259, impact factor 6.2
Workshops attended	<ol style="list-style-type: none"> 1. Participated in One Week Orientation Workshop On OER, Content Development, MOODLE and MOOCS Organised by NIT Warangal from 19 to 24 November 2018. 2. Participated in 1-Day workshop on "R" on 16.02.2019 at A.S.D.G.D.C.(A), Kakinada. 3. UGC sponsored one day National workshop on integration of OER for quality sustenance in teaching – learning in ASDGDC on 19-02-2019. 4. Participated in One day National Workshop on 05 SEP, 2019 on "Academia-Industry Interface Strategies and Perspective per Resource Management Organisational Development" Organised by IQAC, A.S.D. Govt. Degree College, Kakinada.
Membership in Professional Organizations	<ul style="list-style-type: none"> ● Indian Association of Physics Teachers ● Membership in NDL
MOOCS Enrolled/Completed	Completed (ARPIT) annual refresher program in teaching "Introduction to Quantum Mechanics and its applications".
BOS	Member, UG BoS, Department of Physics, Rayalaseema University, Kurnool .