FACULTY PROFILE

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| Name of the Faculty: | | | **L.NAGESWARA RAO** | | | | D:\LNR\IMG_20210301_103329.jpg |
| Designation: | | | **ASSISTANT PROFESSOR** | | | |
| Department: | | | **PHYSICS** | | | |
| Date of Birth: | | | **08-08-1980** | | | |
| AICTE – ID: | **1-430173469** | | | | | |
| **Education** | * B.Sc. **M.P.C** group from **ANU** in **2002** * M.Sc. in  **Physics** Specialization from ANU in **2004** * M.Phil In Ultrasonics * PhD In Material Science and thin films from Sri Venkateswara University **ONGOING** | | | | | | |
| **Experience** | Teaching: \_19\_Years | | | | Industry: \_\_\_\_Years | **Total: \_\_\_21\_\_Years** | |
| Research: 2\_\_Years | | | | Others: \_\_\_\_Years |
| **Research Specialization** | | | | MATERIAL SCIENCE AND THIN FILMS | | | |
| **Courses taught** | | **1.B.Sc PHYSICS VOL-1,VOL-2,VOL-3,VOL-4**  **2 ENGINEERING PHYSICS**  **3.SEMICONDUCTOR PHYSICS AND NANO MATERIALS,WAVES AND MODERN**  **PHYSICS**  **4.SOLID STATE PHYSICS**  **5.ELECTRONICS** | | | | | |
| **Research contributions** | | | | | | | |
| **International/national peer reviewed journals**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **S. No.** | **Title of paper** | **Journal** | **Year** | **Volume** | **pages** | **Indexing (SCI/WoS/ SCOPUS, Google scholar)** | | **1** | Influence of chromium ions on photonic applicability of Na2O-Bi2O3 -B2O3 -SiO2 glass system | ***Optics Communications*** | ***(2021)*** | ***480*** | ***126496*** | **SCOPUS** | | **2** | Synthesis and Luminescence behavior of SrS:EuCeX[X=La,Tb,Dy]Nano-sized phosphor fabricated through modified solid state reaction processes for white LED | **IRJET** | **2015** | **02** | **02** |  | | **3** |  |  |  |  |  |  | | | | | | | | |
| **Books published**   |  |  |  |  | | --- | --- | --- | --- | | **S. No.** | **Title of the book** | **Publisher** | **year** | | **1** |  |  |  |   **Book chapters Published**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **S.No.** | **Title of the Chapter** | **Book title** | **Publisher** | **year** | | **1** |  |  |  |  |   Details of Patents (Filed & Granted)   |  |  |  |  |  | | --- | --- | --- | --- | --- | | S. No. | Applications number | Title of the patent | Date of filing/publishing | Published/granted | | 1 |  |  |  |  |   Details of Conferences/FDPs/STTPs/webinars/Workshops Organized   |  |  |  |  | | --- | --- | --- | --- | | S.No. | Name of the event | Role | Dates | | 1 |  |  |  |   Details of Conferences/FDPs/STTPs/webinars/Workshops Participated   |  |  |  |  | | --- | --- | --- | --- | | S.No. | Name of the event | Organized by | Dates | | 1 | AICTE Recognized Faculty Development Programme on “Preparing Students for the Placements - Resume, GD and Interview | **Education and Educational Management Department**  **At Bapatla College of Pharmacy, Bapatla, Andhra Pradesh** | 17/07/2023 to 21/07/2023 (One Week) | | 2 | AICTE Recognized Faculty Development Programme “Outcome Based Curriculum Design” | Curriculum Development Centre Department at Bapatla College of Pharmacy, Bapatla, Guntur, A.P. | 05/09/2022 to 09/09/2022 (One Week) | | 3 | National conference on“Recent Advances in Functional Materials”  (NCRFM-2023) | Physics Department, Vignan’s Foundation science,Technology and Research, Guntur | 24th& 25th March-2023, | | 4 | National seminar on Basic Research and Nanoscience (BRAIN-2021) | Dept. of Nanotechnology, ANU | on 30th& 31st Jan2020 | | 5 | UGC sponsored national on Recent Trends in Nano science & Nanotechnology (NSRTN-2020) on | Dept. of Nanotechnology, ANU | 30th& 31st Jan2020. | | 6 | National Conference on Functionality of Advanced Materials (NCFAM- 2019) | Organized by Dept. of Physics, Vignan university | 24th &25 June 2019 | | 7 | A one day International seminar on Emerging Trends in Chemistry and it"s Allied Sciences | Dept. OF Chemistry,BCAS and Royal society of Chemistry (lONDON,UK) LOCAL SECTION Decan, India | 23rd December,2019 | | 8 | A national seminar on Emerging Trends and Advances in Multifunctional  Materials (NSETAFM-2019) | Dept. of Physics, ANU | 10th &n 11th Dec 2019 | | 9 | UGC sponsored National Seminar on Optoelectronic Device Mterials (NSODM-2015) | Dept. of Physics at Bapatla college of Arts & Sciences, Bapatla | 20th June 2015 | | 10 | UGC sponsored National Seminar on Solar Energy Harvesting Through Photovoltaic Cells And Storage (SEHTPVAS-2013) | Dept. of Physics and Chemical engineering at R.V.R. & J.C. College of Engineering, Guntur. | 21-22 June, 2013 | | 11 | Participated in a two-week ISTE WORK SHOP ON “Solar Photo Voltaics: Fundamentals, Technologies and Applications” conducted by IIT Bombay from 12th to 22nd December, 2011 | IIT BOMBAY(PVPSIT) | 12 TO 22 DEC 2011 | | 12 | Participated in the National Workshop on “SOFT MATERIALS” organized by the | Department of PHYSICS, J.M.J college for women, Tenali, A.P | on 24th and 25th January 2012 |   Awards/recognitions/achievements   |  |  |  |  | | --- | --- | --- | --- | | S.No. | Name of the Award | Awarding body/Society/Organization | Year | | 1 |  |  |  |   Details of project proposals submitted/sanctioned/completed   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | S.No. | Title of the Project | Funding body | Submitted/ Sanctioned/ Completed | Amount | Year/ duration | |  |  |  |  |  |  |   Consultancy contribution   |  |  |  |  | | --- | --- | --- | --- | | S.No. | Year | Amount | Details | | 1 |  |  |  |   Student Project/research guidance   |  |  |  | | --- | --- | --- | | S.No | Level | Total number | | 1 | UG | Completed: Ongoing: | | 2 | PG | Completed: 02 Ongoing: | | 3 | PhD | Completed: Ongoing: |   Administrative experience   |  |  |  | | --- | --- | --- | | S.No. | Role | Duration (From – to) | | 1 | TIME TABLE CO-ORDINATOR |  | | 2 | DISCIPLINARY COMMITTEE MEMBER |  | | 3 | CO-ORDINATOR AND MENTOR |  |   Research credentials   |  |  | | --- | --- | | Index/database | ID/Link | | Google Scholar |  | | SCOPUS |  | | Web of Science |  | | Vidwan ID |  |   Any other relevant information    L.NAGESWARA RAO  14-09-2023 | | | | | | | |