Curriculum Vitae of T. Chengappa

1. **Name :** **T. Chengappa**
2. **Designation :** Technical Superintendent
   Indian Institute of Technology Hyderabad
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   Telangana State, 502284 - India
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   Profile: https://www.linkedin.com/in/chengappa-thumisi-908306bb/
3. **Date and Place of Birth:** 20th August 1988, Pathikonda, Andhra Pradesh, India
4. **Educational Qualifications:**

Degree	University	Year	Subject
M.Sc.	Sri Venkateswara University, Tirupati, A.P.	2013	Physics
P.G.D.C.A.	Tech Edge Solutions, Palamaner, A.P.	2008	Computer Applications
B.Sc.	Sri Venkateswara University, Tirupati, A.P	2008	Physics, Chemistry, Mathematics
H.S.E.	Board of Intermediate Education, A.P.	2005	Physics, Chemistry, Mathematics
S.S.C.	Board of Secondary Education, A.P.	2003	General Science, Mathematics etc.

5. **Professional Experience:** (More than 12 Years)

Institute	Designation	Tenure
IIT Hyderabad	Technical Superintendent	26-11-2020 to 13-05-2022
IIT Hyderabad	Junior laboratory Assistant	17-08-2015 to 25-11-2020
IIT Hyderabad	Senior Project Technician	11-05-2015 to 16-08-2015
IIT Hyderabad	Project Technician	10-05-2013 to 10-05-2015
IIT Hyderabad	Senior Project Assistant	01-04-2011 to 29-07-2011
IIT Hyderabad	Project Assistant	17-07-2008 to 31-03-2011

6. **Technical expertise:**
   - Experience in Handling few research equipment related to Microscopy, Spectroscopy and Mageto-optics.
   - Hands-on experience with Physics teaching Lab experiments related to undergraduate and PostGraduate Laboratory courses.
   - Simulations related to Ion Beam Optics and Optics experiments.
7. **Merit Scholarships:**
   - Merit scholarship by Basic Research Education and Development Society (B.R.E.A.D) Hyderabad during 2005 to 2008.
   - Scholarship by Govt. of Andhra Pradesh during 2005 to 2008 and 2011 to 2013
8. **Conferences attended:**
   - Academy Online Elementary FDP on "Energy Conversion and Storage Devices-2021" from Indian Institute of Technology Hyderabad.
   - National seminar on Advanced Materials Characterization techniques – 2013 conducted by Department of Physics , Sri Venkateswara University Tirupati, Andhra Pradesh.
   - Short term course on Photonic materials fabrication , characterization and applications-2014 conducted by Indian Laser Association in Department of Physics, Sri Venkateswara University Tirupati, Andhra Pradesh.
   - Refresher course in Experimental Physics-2011 conducted by Department of Physics, IIT Madras.

9. **Experimental techniques developed:**
    - Wet etching technique for the preparation of sharp tips of Pt/Ir and Tungsten.
10. **Duties Research laboratories:**

    Nature of work related to research laboratories:
    - Coordinating with the equipment suppliers for Installation, training and maintenance of the research equipment.
    - Performing the measurements in the given slots as requested by researchers in the institute as per the approval of the indenter (Faculty-in charge)
    - Maintenance of office records related to the equipment.
    - Coordinating to the export and import issues whenever required for equipment maintenance.
    - Exploring the additional possible options apart from the regular tasks given in the equipment as suggested by the indenter.
    - Maintenance of UPS and AMC for the equipment as per the terms and conditions.
11. **Teaching laboratories:**

    Nature of work related to teaching laboratories :
    - Arranging experimental setups to the teaching lab sessions.
    - Preparing and updating the manuals for the experiments.
    - Resolving technical issues of teaching lab equipment.
    - Purchase related records maintenance for the teaching labs.
    - Repairs and replacements of the faulty equipment.
    - Video recording of the experiments for conducting online lab classes for the following lab courses.
    - Associated in conducting online classes as per the academic curriculum.
    - Exploring the additional possible options apart from the regular experiments as suggested by the course coordinators.
    - I have been involved in providing technical support to the students' projects.