



POOJA R

Assistant Professor – Computer Applications / Computer Science

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PROFESSIONAL SUMMARY

Dedicated and student-focused academic professional with expertise in Computer Science and Applications. Experienced in handling theory and laboratory sessions for undergraduate and postgraduate students. Skilled in curriculum planning, mentoring, academic coordination, and practical-oriented teaching methodologies. Proficient in subjects including Theory of Computation, Internet of Things, Mobile Application Development, DBMS, and Software Engineering. Interested in research activities and continuous academic development.

EDUCATIONAL QUALIFICATIONS

| Degree | Institution | University/Board | Year | Percentage/CGPA |
|---------|--------------------|---------------------------|------|-----------------|
| MSc | National College | Bengaluru City University | 2023 | 83.1 |
| B.Sc CS | National College | Bangalore University | 2021 | 76.12 |
| PUC | BMS Womens College | Pre University | 2018 | 77 |
| SSLC | Govt High School | SSLC | 2016 | 93.6 |

TEACHING EXPERIENCE

Assistant Professor

National Degree College, Basavangudi, Bengaluru

Duration: Jan/2024 to May/2026

Subjects Handled

- Theory of Computation
- Internet of Things
- Mobile Application Development
- Database Management Systems
- Software Project Management
- Python Programming

- Java, C programming

Responsibilities

- Conducted theory and practical laboratory sessions
 - Prepared lesson plans and course materials
 - Guided student mini-projects and seminars
 - Prepared internal assessment question papers
 - Evaluated assignments and answer scripts
 - Coordinated timetable and departmental activities
 - Assisted in syllabus planning and academic documentation
 - Mentored students for technical events and projects
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TECHNICAL SKILLS

Programming Languages

- Java
- Python (Basics)
- C
- SQL

Web Technologies

- HTML
- CSS
- JavaScript (Basics)

Mobile Technologies

- Android Studio
- Firebase
- SQLite

Subjects Expertise

- Theory of Computation
- DBMS
- Internet of Things
- Mobile Application Development

Tools & Platforms

- MS Office
 - Android Studio
 - Aurdino UNO
 - Oracle
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PUBLICATIONS

“IoT in Smart Agriculture: Current Techniques and Open Challenges”

(Review Article)

Published in: International Journal of Advanced Research in Computer Science, 2025, 0976-5697

PROJECTS GUIDED

- Guided Android application mini-projects using Firebase and SQLite
 - Mentored student projects in IoT domain
 - Assisted students in software documentation and project implementation
 - Guided seminar presentations and technical demonstrations
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ACADEMIC CONTRIBUTIONS

- Prepared scheme of valuation and model answer keys
 - Designed question papers as per university guidelines
 - Developed lab manuals and academic content
 - Assisted in departmental academic planning
 - Coordinated internal assessments and practical examinations
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ACHIEVEMENTS

Successfully cleared **KSET** in Computer Science(2024)

PERSONAL DETAILS

| Detail | Information |
|-----------------|--|
| Date of Birth | 19-11-199 |
| Languages Known | English, Kannada |
| Address | No.52, Simhadri Layout, Uttarahalli, Bengaluru-61 |