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| **Name of the Faculty:** ARUN AGARWAL | |
| **Photo** | **Designation and Department**  Assistant Professor  Department of Computer Science |
| **Education and Training**  Phd.[Pursuing], MTech., BTech. |
| **Contact info**  **Mobile:**  9897242022  **Email:**  arun.261986@gmail.com | **Teaching Experience**  10 Years  **Areas of Interest**  **Teaching:**  Algorithms, Network, Operating System, Automata, Compiler, Java, Internet Technologies, Android Programming  **Research:**  Wireless Sensor Networks, Data Mining |
| **Subjects Taught**   1. Android Development. 7. Programming In JAVA. 2. Design & Analysis of Algorithms. 8. Digital Logic Design. 3. Internet Technologies. 9. Distributed Systems. 4. Computer Network. 10. Data Structures. 5. Object Oriented Programming & Systems. 11. Operating Systems. 6. Computer Concepts and Programming in C. 12. Automata Design & Compiler | |
| **Research Publications**  Appendix A. | |
| **Other Academic Publications**  Appendix A. | |
| **Conferences-Seminars Presentations and Participations**  Appendix A. | |
| **Administrative Responsibilities**   1. Active member in **Exam Cell** for university examinations. 2. Worked as **Admission Cell In charge**. 3. **Time Table OC** for the department and subject distribution. 4. **Training and Placement Cell Faculty in Charge**. 5. **Stock Verification OC** having responsibility for data store maintenance of lab files for each academic year. 6. Conducted **classes for demo aptitude and technical papers** designed for campus selection of students. 7. **Management of various tasks** during college technical and cultural fest. | |
| **Any Link for Detailed CV (ex: Google Drive link)**  **--** | |
| **Any Other (as per requirement)**  **--** | |

**Appendix A: List of Publications in Journal/ Conference Proceedings**

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| **S.No** | **Title of the paper** | **Journal/**  **Conference Name** | **Journal/**  **Conference** | **YEAR** | **Vol.** | **Page No.** | **ISBN/**  **ISSN No.** |
| 1 | **A Normalized Cosine Distance Based Regression Model for Data Prediction in WSN** | SpringerCCIS/  ICACDS | C | 2018 | 2 | -- | 978-981-13-1813-9 |
| 2 | **DDUHCB: Data Driven Uneven Hierarchical Cluster Based Protocol for WSN** | IEEE/  INDIACom | C | 2018 | 12 | 3424-3429 | 978-93-80544-28-1 |
| 3 | **Data Management in WSN:**  **Issues and Challenges** | IEEE/  INDIACom | C | 2017 | 11 | 2731-2737 | 978-93-80544-24-3 |
| 4 | **A novel energy efficiency protocol based on optimal chain routing** | IEEE/  INDIACom | C | 2016 | 10 | 488-493 | 978-93-80544-20-5 |
| 5 | **A Review on Wireless data center management** | IJCA | J | 2016 | 138 | 9-14 | 0975-8887 |
| 6 | **Survey on optimization techniques of RFID for Internet of things** | IJCA | J | 2016 | 148 | 1-5 | 0975-8887 |
| 7 | **Participative precedence of software requirements using recursive genetic algorithms techniques** | IJARCSSE | J | 2016 | 6 | 309-316 | 2277128X |
| 8 | **Survey on localization techniques of RFID for IOT** | IJCA | J | 2016 | 137 | 23-27 | 0975-8887 |
| 9 | **Colony of Robots** | IJCMS | J | 2014 | 2 | 11-20 | 2347-8527 |
| 10 | **Performance analysis of routing protocols using different data aggregation techniques for WSN** | IJRIT | J | 2013 | 5 | 1-10 | 2001-5569 |
| 11 | **QoS improvement by collision avoidance for public safety applications in MANETS** | IJRIT | J | 2013 | 5 | 113-122 | 2001-5569 |
| 12 | **Internet in the sky: The emerging trend in the aviation & mobile transportation** | IJESR | J | 2013 | 3 | 2627-2637 | 2277-2685 |