


## Faculty Profile

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| <b>Name of Faculty: Mr. Suraj Krishna Patil</b>             |  |  |
| <b>Designation: Assistant Professor</b>                     |  |   |
| <b>Qualification: Master of Engineering</b>                 |  |   |
| <b>Specialization: Computer Science and Engineering</b>     |  |   |
| <b>Official Email ID: surajpatil.dypcet@dypgroup.edu.in</b> |  |   |
| <b>Memberships</b>  | <b>ISTE</b>  |   |
| <b>Courses Taught</b>                                       | <ul style="list-style-type: none"><li>• Discrete Mathematics</li><li>• System Programming</li><li>• Compiler Construction</li><li>• Web Programming</li><li>• Machine Learning</li><li>• Computer Networking</li><li>• Database Engineering</li><li>• Python Programming</li><li>• Fundamentals of Data Science</li></ul>  |   |
| <b>Roles and Responsibilities</b>                           | <ul style="list-style-type: none"><li>• Department Exam Coordinator</li><li>• Department Website Coordinator</li><li>• Coding Club Coordinator</li><li>• PGCS Coordinator</li></ul>  |   |
| <b>Research Contribution</b>                                | <ul style="list-style-type: none"><li>• “Data Protection through Access Control Mechanisms: A Survey Paper” in IJARCSSE, July 2016</li><li>• “Protecting Data in Relational Database Management System using Purpose and Role Based Access Control” in IJCERT, August 2017</li><li>• “SMARTLMD: A Smart Technique for Lane Markers Detection in Urban Area Roads using IoT” in IJARIE, May 2019</li><li>• “Image Classification Using Convolutional Neural Network” in IJARCSSE, May 2019</li><li>• “Use of Purpose and Role Based Access Control Mechanisms to Protect Data Within RDBMS” in IJSI, Jan 2020</li></ul> |   |

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|                              | <ul style="list-style-type: none"><li>• <b>“Embedding Secret Data in Digital Media Using Texture Synthesis” in IJSI, Jan 2022</b></li></ul>  |
| <b>FDP/Workshop Attended</b> | <ul style="list-style-type: none"><li>• <b>Workshop on Aakash for Education during 10<sup>th</sup> &amp; 11<sup>th</sup> Nov 2012</b></li><li>• <b>Workshop on Database Management Systems during 21<sup>st</sup>-31<sup>st</sup> May 2013</b></li><li>• <b>FDP on Foundation Program 4.0 during 5<sup>th</sup>-9<sup>th</sup> Jan 2015</b></li><li>• <b>Online FDP on Data Sciences during 1<sup>st</sup>-5<sup>th</sup> Feb 2021</b></li></ul> |