



## Profile of the Faculty

### 1. General Information:

|                            |   |   |
|----------------------------|---|---|
| Name of the Faculty        | : | Ms Komal Kesharinath Gharat   |
| Name of the Department     | : | Computer Science  |
| Educational Qualifications | : | Msc.Information Technology  |
| Present Designation        | : | Assistant Professor   |
| Address for Correspondence | : | Department of Computer Science,<br>Changu Kana Thakur Arts, Commerce and Science College,<br>New Panvel (Autonomous), Plot-No.01, Sector-11, Khanda<br>Colony, New Panvel (W), Dist. Raigad, Maharashtra, India-<br>410206                                |
| E-mail                     | : | komalgharat07@gmail.com   |
| Contact Number             | : | (022) 27464193, (022) 27455760  |
| Specialization             | : | Information Technology  |
| Total teaching experience  | : | 2 Years   |
| Courses taught             | : | Web Designing, Relational Database Management System,<br>Introduction to Data Science, Android Application<br>Development, Advanced Database Management System,<br>Robotics, Python for Business, Cryptography and<br>Cryptanalysis, Computer Programming |

### 2. Publication of Research Papers:

|                            |   |    |
|----------------------------|---|----|
| Peer reviewed journals     | : | 01 |
| Non-peer reviewed journals | : | -  |
| Conference proceedings     | : | -  |

### List of Publication of Research Papers:

“Crop recommendation using Machine Learning”, Mukta Shabd Journal  
UGC CARE LIST GROUP – I JOURNAL ISSN NO : 2347-3150 Volume-12-Issue-4- April  
2023

**Patents:**

| Status    | Number/s |
|-----------|----------|
| Granted   | -        |
| Published | 01       |
| Filled    | -        |

**List of patents:**

| Sr. No. | Patent Name   | Title of Invention  | Patent Number  | Date & Year of Publication | Date & Year of Grant of Patent |
|---------|---|---|----------------|----------------------------|--------------------------------|
| 01      | Smart Hair Collection and Recycling Box for Sustainable Waste Management in Residential Society | Smart Hair Collection and Recycling Box for Sustainable Waste Management in Residential Society | 202521032704 A | 18/04/25                   | 18/04/25                       |

**3. Faculty Development programmes like Orientation/Refresher courses/ Short term courses etc. attended:**

| Name of the Course  | Place                            | Duration | Sponsoring Agency  |
|---|----------------------------------|----------|--|
| ICT Tools in Teaching and Research  | Online                           | 6 Days   | Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous)   |
| National level FDP under PM-USHA Scheme for Strengthen Universities, theme C4: Content Creation, Curation & Collection for Collaborative Academics Hybrid | C. K. T. ACS College, New Panvel | 6 Days   | Dr. HOMI BHABHA HBSU State University, Mumbai & Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous) |

**4. Experience on the various committees at the college**

- Member, Student Council & Student Welfare (2023-24 to 2024-25)
- Member, Magazine Committee(2023-24 to 2024-25)
- Member, Alumni Association(2023-24 to 2024-25)

**5. Experience on the NAAC/ IQAC of the college**

- Member, Criterion V (2024-25)