

# CURRICULUM VITAE

## FACULTY PROFILE FOR NBA ACCREDITATION

Government Polytechnic Madhepura | Department of Mechanical Engineering

### 1. PERSONAL DETAILS

| Particular      | Details                                 |
|-----------------|-----------------------------------------|
| Name            | Swati Shivangi                          |
| Designation     | Lecturer                                |
| Department      | Mechanical Engineering                  |
| Institution     | Government Polytechnic Madhepura, Bihar |
| Date of Birth   | 07.01.1995                              |
| Date of Joining | 22.12.2023                              |
| Employee ID     | 40187804                                |
| Mobile No.      | 9334557090                              |
| E-mail          | swatishivangi1@gmail.com                |

### 2. PROFESSIONAL PROFILE

Lecturer in Civil Engineering with experience in teaching, laboratory instruction, student mentoring, academic planning, departmental coordination and institutional activities. Actively involved in academic and administrative responsibilities, student development, scholarship coordination, quality-assurance activities and other institutional initiatives.

### 3. EDUCATIONAL QUALIFICATIONS

| S.No. | Qualification | Specialization         | Institution / University                                    | Year | Percentage / CGPA |
|-------|---------------|------------------------|-------------------------------------------------------------|------|-------------------|
| 1     | Ph.D.         |                        |                                                             |      |                   |
| 2     | M.Tech./M.E.  |                        |                                                             |      |                   |
| 3     | B.Tech./B.E.  | Mechanical Engineering | Gaya College of Engineering/ Aryabhata Knowledge University | 2016 | 8.92              |
| 4     | Diploma       |                        |                                                             |      |                   |
| 5     | Other         |                        |                                                             |      |                   |

### 4. PRESENT POSITION

| Particular                          | Details                          |
|-------------------------------------|----------------------------------|
| Designation                         | Lecturer                         |
| Department                          | Mechanical Engineering           |
| Institution                         | Government Polytechnic Madhepura |
| Date of Joining Present Institution | 22.12.2023                       |

Major Academic Responsibilities:

- Teaching theory and practical courses in Mechanical Engineering.
- Preparation and delivery of lectures as per prescribed curriculum.
- Conduct of laboratory experiments and term work.
- Preparation and evaluation of internal assessments.
- Student mentoring and academic counselling.
- Participation in departmental academic planning and meetings.
- Support for Outcome-Based Education (OBE) and NBA-related documentation.

### 5. TEACHING EXPERIENCE

| S.No. | Institution                      | Designation | Department             | From       | To      | Total Experience |
|-------|----------------------------------|-------------|------------------------|------------|---------|------------------|
| 1     | Government Polytechnic Madhepura | Lecturer    | Mechanical Engineering | 22.12.2023 | Present | 2 years 8 months |
| 2     |                                  |             |                        |            |         |                  |

Total Teaching Experience: 2 Years 8 Months

## 6. SUBJECTS / COURSES TAUGHT

| S.No. | Semester        | Subject / Course                                          | Theory / Practical | Academic Year |
|-------|-----------------|-----------------------------------------------------------|--------------------|---------------|
| 1     | 2 <sup>nd</sup> | Engineering Mechanics                                     | Theory             | 2025          |
| 2     | 2 <sup>nd</sup> | Engineering Mechanics                                     | Practical          | 2025          |
| 3     | 4 <sup>th</sup> | Advanced manufacturing engineering and costing estimation | Theory             | 2025          |
| 4     | 5 <sup>th</sup> | Hybrid Automobile Engineering                             | Theory             | 2026          |
| 5     | 5 <sup>th</sup> | Hybrid Automobile Engineering                             | Practical          | 2026          |
| 6     | 3 <sup>rd</sup> | Material science and engineering                          | Theory             | 2026          |
| 7     | 5 <sup>th</sup> | Heat transfer engineering                                 | Theory             | 2024          |
| 8     | 5 <sup>th</sup> | Heat transfer engineering                                 | Practical          | 2024          |
| 9     | 5 <sup>th</sup> | Automobile Engineering                                    | Theory             | 2024          |

## 7. LABORATORY / PRACTICAL EXPERIENCE

- Conducted laboratory experiments as prescribed in the curriculum.
- Guided students in practical work and term work.
- Maintained laboratory records and ensured timely completion of practical courses.
- Demonstrated experimental procedures and promoted safe laboratory practices.
- Evaluated practical performance, records and viva-voce as applicable.

Laboratories Handled: \_\_\_\_\_

## 8. STUDENT MENTORING AND ACADEMIC ACTIVITIES

- Student mentoring and academic counselling.
- Monitoring of student attendance and academic performance.
- Interaction with students regarding academic progress and difficulties.
- Participation in parent-faculty interaction/meetings.
- Orientation of newly admitted students.
- Support for student participation in academic and co-curricular activities.
- Guidance regarding scholarships, internships and career opportunities.

## 9. INSTITUTIONAL / ADMINISTRATIVE RESPONSIBILITIES

| S.No. | Responsibility                                 | Role / Position       | Period |
|-------|------------------------------------------------|-----------------------|--------|
| 1     | Entrepreneurship Development cell              | In-charge             | _____  |
| 2     | Startup cell                                   | In-charge             | _____  |
| 3     | BSDM Domain skill                              | Coordinator           | _____  |
| 4     | MSME                                           | In-charge             | _____  |
| 5     | PAHAL                                          | Assistant Coordinator | _____  |
| 6     | Internal Complaint Committee                   |                       | _____  |
| 7     | SHE committee                                  | Member                | _____  |
| 8     | Quiz                                           | Coordinator           | _____  |
| 9     | Institute monthly report (POP)                 | Nodal Officer         | _____  |
| 10    | Security and other amenities for girl students | In-charge             | _____  |

## 10. NBA / OBE RELATED CONTRIBUTIONS

- Contribution towards preparation and compilation of NBA-related academic documents.
- Maintenance and presentation of course files and academic records.

- Preparation/documentation of Course Outcomes (COs) and Programme Outcomes (POs), wherever assigned.
- Compilation and maintenance of student performance and attainment-related records.
- Support in preparation of evidence and documentation required for accreditation activities.
- Participation in departmental academic planning and quality-improvement initiatives.
- Maintenance of laboratory, practical and term-work documentation.
- Support for continuous improvement of teaching-learning processes.

#### 11. TRAINING / FACULTY DEVELOPMENT PROGRAMMES

| S.No. | Programme / Training                                          | Organizing Institute | Duration | Year   |
|-------|---------------------------------------------------------------|----------------------|----------|--------|
| 1     | _Advanced Pedagogy                                            | NITTTR Kolkata       | _2 weeks | _2025_ |
| 2     | _Induction Training Programme                                 | BIPARD Gaya          | _1 week  | 2024   |
| 3     | _Induction Training Programme-1                               | NITTTR Bhopal        | 2 weeks  | 2024   |
| 4     | Induction Training Programme-2                                | _NITTTR Bhopal       | 2 weeks  | 2025   |
| 5     | Faculty development program [Innovation and Entrepreneurship] | BIT Patna            | 05 days  | 2025   |

#### 12. WORKSHOPS / SEMINARS / CONFERENCES

| S.No. | Title / Theme               | Organizing Institution | Role        | Date / Year |
|-------|-----------------------------|------------------------|-------------|-------------|
| 1     | Startup Awareness Program   | GP Madhepura           | Participant | 2025        |
| 2     | Startup orientation program | GP Madhepura           | Participant | 2026        |
| 3     |                             |                        | Participant |             |

#### 13. RESEARCH / PUBLICATIONS

Research Papers:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

Books / Book Chapters:

1. \_\_\_\_\_
2. \_\_\_\_\_

Patents / Research Projects:

1. \_\_\_\_\_
2. \_\_\_\_\_

Google Scholar / ORCID / ResearchGate: \_\_\_\_\_

#### 14. PROJECT / INDUSTRIAL / FIELD EXPERIENCE

- Guided / participated in \_\_\_\_\_.
- Field / industrial visits conducted or coordinated: \_\_\_\_\_.
- Student project guidance: \_\_\_\_\_.
- Relevant professional / industry experience: \_\_\_\_\_.

## 15. STUDENT PROJECT GUIDANCE

| S.No. | Project Title        | Student(s)                                                  | Academic Year | Role  |
|-------|----------------------|-------------------------------------------------------------|---------------|-------|
| 1     | Major Project titles | 6 <sup>th</sup> semester students of Mechanical engineering | 2022-2025     | Guide |
| 2     |                      |                                                             |               | Guide |
| 3     |                      |                                                             |               | Guide |

## 16. ACHIEVEMENTS / AWARDS / RECOGNITION

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

## 17. PROFESSIONAL / TECHNICAL SKILLS

- Mechanical Engineering technical knowledge
- Teaching and laboratory instruction
- Student mentoring and counselling
- Academic documentation
- Outcome-Based Education (OBE)
- NBA accreditation documentation
- MS Office / Word / Excel / PowerPoint
- Academic planning and coordination

## 18. CO-CURRICULAR / EXTRA-CURRICULAR ACTIVITIES

- Sports and student activities coordination.
- Participation in institutional programmes.
- Organization / coordination of student activities.

- \_\_\_\_\_
- \_\_\_\_\_

## 19. INSTITUTIONAL CONTRIBUTION

Contributed to the academic and administrative functioning of Government Polytechnic Madhepura through teaching, laboratory instruction, student mentoring, departmental coordination, scholarship facilitation, hostel administration, student welfare activities, quality-assurance initiatives and participation in various institutional committees and programmes.

## 20. PROFESSIONAL MEMBERSHIP

| S.No. | Professional Body | Membership No. | Year |
|-------|-------------------|----------------|------|
| 1     |                   |                |      |
| 2     |                   |                |      |

## 21. REFERENCES

| S.No. | Name / Designation | Institution | Contact |
|-------|--------------------|-------------|---------|
| 1     |                    |             |         |
| 2     |                    |             |         |

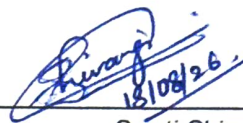
## 22. DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief. I understand that the supporting documents/certificates may be produced for verification whenever required.

Place: Madhepura, Bihar

Date: \_17.08.2026\_

Signature: \_\_\_\_\_

A handwritten signature in blue ink, appearing to read 'Shivangi', with the date '18/08/26' written below it.

Swati Shivangi

Lecturer, Mechanical Engineering  
Government Polytechnic Madhepura