

**भारतीय प्रौद्योगिकी संस्थान गांधीनगर**  
**INDIAN INSTITUTE OF TECHNOLOGY GANDHINAGAR**

**अनुलिपि / TRANSCRIPT**

DATE : 01-06-2021

NAME : Gagan Kumar Bhatt

ROLL NO : 19510072

DISCIPLINE : Physics

PROGRAMME : M.Sc

**Academic Period : 2019-2020 SEMESTER I**

| Code   | Course Name                         | Credit | Grade | Code   | Course Name  | Credit | Grade     |
|--------|-------------------------------------|--------|-------|--------|--|--------|-----------|
| ES 102 | Introduction to Computing           | 3      | B     | PH 504 | Quantum Mechanics II                                   | 4      | P[E]      |
| HS 111 | Urdu Script and Poetry              | 4      | A-    | PH 505 | Classical Electrodynamics                              | 4      | P[E]      |
| PH 502 | Mathematical Methods of Physics - I | 4      | B     | PH 506 | Methods of Experimental Physics                        | 4      | P[E]      |
| PH 503 | Quantum Mechanics I                 | 4      | P     | PH 507 | Statistical Mechanics                                  | 4      | P[E]      |
| PH 508 | Classical Mechanics                 | 4      | B     | PH 599 | Project in Physics                                     | 4      | P[E]      |
|        |                                     |        |       | SC 253 | Nanostructured materials for solar energy applications | 1      | P[E]      |
|        |                                     |        |       |        | SPI: -   |        | CPI: 8.27 |
|        |                                     |        |       |        |  |        |           |

**Academic Period : 2019-2020 SEMESTER II**

| Code   | Course Name                   | Credit | Grade     |
|--------|-------------------------------|--------|-----------|
| PH 509 | Computational Physics         | 4      | B         |
| PH 510 | Condensed Matter Physics      | 4      | B-        |
| PH 599 | Project in Physics            | 4      | A-        |
| PH 608 | Tools of Theoretical Physics  | 4      | P         |
| PH 644 | Tools of Experimental Physics | 4      | A-        |
|        | SPI: -                        |        | CPI: 8.27 |
|        |                               |        |           |

**Academic Period : 2019-2020 SUMMER**

| Code   | Course Name                          | Credit    | Grade |
|--------|--------------------------------------|-----------|-------|
| PH 407 | Introduction to Lagrangian Mechanics | 2         | A     |
|        | SPI: 10.00                           | CPI: 8.47 |       |

**Academic Period : 2020-2021 SEMESTER I (Online)**

| Code       | Course Name                   | Credit | Grade     |
|------------|-------------------------------|--------|-----------|
| PH 509 (N) | Computational Physics         | 4      | B         |
| PH 510     | Condensed Matter Physics      | 4      | B-        |
| PH 599     | Project in Physics            | 4      | A-        |
| PH 608     | Tools of Theoretical Physics  | 4      | P         |
| PH 644     | Tools of Experimental Physics | 4      | A-        |
|            | SPI: 8.25                     |        | CPI: 8.36 |

**Academic Period : 2020-2021 SEMESTER II (Online)**

| Code       | Course Name                          | Credit    | Grade |
|------------|--------------------------------------|-----------|-------|
| FP 602     | Writing                              | 4         | A-    |
| PH 599 (B) | Project In Physics (B)               | 4         | A-    |
| PH 599 (C) | Project In Physics (C)               | 4         | A-    |
| PH 599(A)  | Project In Physics (A)               | 4         | A-    |
| PH 615     | Physics of two-dimensional materials | 4         | B     |
|            | SPI: 8.80                            | CPI: 8.53 |       |

COUNTED TOWARDS PERFORMANCE : 53  
 TOTAL CUMULATIVE POINTS : 452  
 TOTAL CREDITS EARNED : 81  
 TOTAL CREDITS REGISTERED : 81

MONTH & YEAR OF ADMISSION : July 2019  
 MONTH & YEAR OF GRADUATION : PURSUING

*Sarwati Roy*  
 ASSISTANT REGISTRAR (ACADEMICS)