

**Name of the Programme:**

**Name of the School/Department:**

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| 1  | **Course Title:**  |  |
| 2  | **Subject Code:**  |  |
| 3  | **L: T: P:**  |  |
| 4  | **Credit:**  |  |
| 5  | **Semester No:**  |  |
| 6  | **Core/Elective/Breadth:**  |  |
| 7  | **Contact Hours:**  |  |
| 8  | **Theory:**  |  |
| 9  | **(Autumn/ Spring):**  |  |
| 10  | **Level:**  |  |
| 11  | **Pre‐requisite:**  |  |
| L12  | **Lab:**  |  |
| 13  | **Instructor(s):**  |  |
| **DETAILS OF COURSE/SUBJECT ADOPTED FROM:**  |
| 14  | **Name of the other IIT/Universities offering the similar subjects:**  |  |
| 15  | **Course Name:**  |  |
| 16  | **L‐T‐P:**   |  |
| 17  | **Credit:**  |  |

**18. Learning Outcomes:**

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**19. Need of the course in terms of current & future trends in technology & science (3-4 bullet points):**

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**20. Newness in the course as compared to existing similar courses, by keeping emerging trends in mind (in 2-3 bullet points):**

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1. **Lecture ‐wise Break up**

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| **Sl. No.**  | **Course Contents**  | **Contact Hours/ No. of Lectures**  | **No. of** **Tutorial /** **Practical**  |
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| **Total** |  |  |

1. **Details of Course:**

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| **Existing Syllabus in other Institute/ University**  |
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| **Suggested Syllabus for IIT Bhubaneswar**  |
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1. **Suggested Books:**

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| **Sl. No.**   |  **Name of the Book , Author & Publisher** | **Year of Publication / Reprint**  |
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**\*Example:**

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| 1 | Introduction to AC Machine Design **by Thomas A. Lipo, John Wiley & Sons** | 2017 |
| 2 | Fundamental of MolecularSpectroscopy **by Collin N. Banwell, Mc Graw-Hill** | 2017 |

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 **(Name of the subject teacher)**

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**Head of the School /Department**

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**Dean (Academic Affairs)**