



Since 1983

Dr. Vishwanath Karad

**MIT WORLD PEACE
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



B.Des Product Design

Programme Structure

 mitwpu.edu.in

Division	Faculty of Arts, Design and Humanities
School Name	School of Design
Department Name	Department of Design
Programme Name	B.Des Product Design

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| Course Type | Description |
|----------------------|--|
| Programme Core | Courses dealing with foundations, depth and breadth of the major in which student is admitted at MIT-WPU |
| Programme Electives | Open electives under the programme allow students to specialise in a particular area connected to their major. |
| University Core | Courses that reflect the core MIT-WPU values and the mission of Life Transformation of students. |
| University Electives | Multidisciplinary courses across the faculties at MIT-WPU and outside the programme core. |

| Semester | Odd(I) | Even(II) | Total Credits |
|-------------|--------|----------|---------------|
| First Year | 22 | 22 | 44 |
| Second Year | 22 | 22 | 44 |
| Third Year | 22 | 22 | 44 |
| Fourth Year | 15 | 18 | 33 |

Semester - I

| Sr. No. | Name of the Course | Type | Credits |
|---------|--|--------------------|-----------|
| 1 | Indian Constitution | University Core | 1 |
| 2 | Environment and Sustainability | University Core | 1 |
| 3 | Yoga - I | University Core | 1 |
| 4 | Social Leadership Development Program | University Core | 1 |
| 5 | Financial Literacy | University Core | 1 |
| 6 | Sketching and Visualization Techniques | Program Foundation | 4 |
| 7 | Material Exploration | Program Foundation | 4 |
| 8 | Design Fundamentals | Program Foundation | 4 |
| 9 | Geometry and Structures | Program Foundation | 3 |
| 10 | Art, Craft and Design Chronicles | Program Foundation | 2 |
| | Total Credits: | | 22 |

Semester - II

| Sr. No. | Name of the Course | Type | Credits |
|---------|-------------------------------------|--------------------|-----------|
| 1 | Yoga - II | University Core | 1 |
| 2 | Co-creation | University Core | 1 |
| 3 | AI for everyone | University Core | 2 |
| 4 | Foundation of Peace | University Core | 2 |
| 5 | Indian Knowledge System (General) | University Core | 2 |
| 6 | Sports | University Core | 1 |
| 7 | Product Story | Program Foundation | 2 |
| 8 | Visualisation and Graphics | Program Foundation | 3 |
| 9 | Product Sketching and Rendering | Program Foundation | 3 |
| 10 | Elements and Principles of Form | Program Foundation | 3 |
| 11 | Data Visualization and User Studies | Program Foundation | 2 |
| | Total Credits: | | 22 |

Semester - III

| Sr. No. | Name of the Course | Type | Credits |
|---------|--|----------------------|-----------|
| 1 | Spiritual and Cultural heritage: Indian Experience | University Core | 2 |
| 2 | Research Innovation Design Entrepreneurship (RIDE) | University Core | 1 |
| 3 | University Electives - I | University Electives | 3 |
| 4 | Program Elective - I | Program Electives | 2 |
| 5 | Program Elective - I | Program Electives | 2 |
| 6 | User Research and Analysis | Program Foundation | 2 |
| 7 | Advanced Form Studies | Program Major | 2 |
| 8 | Materials and Processes | Program Foundation | 2 |
| 9 | Introduction to Ergonomics and Anthropometry | Program Foundation | 2 |
| 10 | Product Design Studio Project - I | Program Major | 4 |
| | Total Credits: | | 22 |

Semester - IV

| Sr. No. | Name of the Course | Type | Credits |
|---------|---------------------------------------|----------------------|-----------|
| 1 | Rural Immersion | University Core | 1 |
| 2 | Life Transformation Skills | University Core | 1 |
| 3 | University Electives - II | University Electives | 3 |
| 4 | Program Elective - II | Program Electives | 2 |
| 5 | Program Elective - II | Program Electives | 2 |
| 6 | Product Semantics | Program Foundation | 2 |
| 7 | Sustainable Product Design | Program Major | 2 |
| 8 | Product Design Research and IPR | Program Foundation | 3 |
| 9 | Advanced Ergonomics and Human Factors | Program Major | 2 |
| 10 | Product Design Studio Project - II | Program Major | 4 |
| | Total Credits: | | 22 |

Semester-V

| Sr. No. | Name of the Course | Type | Credits |
|---------|---|----------------------|-----------|
| 1 | Managing Conflicts Peacefully: Tools and Techniques | University Core | 2 |
| 2 | University Electives - III | University Electives | 3 |
| 3 | Program Elective - III | Program Electives | 2 |
| 4 | Program Elective - III | Program Electives | 2 |
| 5 | System Thinking and Product Lifecycle | Program Major | 3 |
| 6 | Healthcare Innovation | Program Major | 3 |
| 7 | Inclusive Product Design | Program Major | 3 |
| 8 | Product Design Studio Project - III | Program Major | 4 |
| | Total Credits: | | 22 |

Semester-VI

| Sr. No. | Name of the Course | Type | Credits |
|---------|-------------------------------------|--|-----------|
| 1 | National Academic Immersion Program | University Core | 2 |
| 2 | Program Elective - IV | Program Electives | 2 |
| 3 | Program Elective - IV | Program Electives | 2 |
| 4 | Design Portfolio and Presentation | Program Major | 2 |
| 5 | New Product Development | Program Major | 4 |
| 6 | Craft and Culture | Program Major | 3 |
| 7 | Product Service Design | Program Capstone Project/Seminar and Internships | 3 |
| 8 | Product Design Studio Project - IV | Program Capstone Project/Seminar and Internships | 4 |
| | Total Credits: | | 22 |

Semester-VII

| Sr. No. | Name of the Course | Type | Credits |
|---------|--|--|-----------|
| 1 | Summer Internship | Program Capstone Project/
Seminar and Internships | 3 |
| 2 | Product Design Research Project | Program Major | 6 |
| 3 | Designing for Emerging Product Technologies | Program Major | 3 |
| 4 | Product Design Management, Strategy and Entrepreneurship | Program Major | 3 |
| | Total Credits: | | 15 |

Semester-VIII

| Sr. No. | Name of the Course | Type | Credits |
|---------|-----------------------------------|--|-----------|
| 1 | Capstone Project - Product Design | Program Capstone Project/
Seminar and Internships | 18 |
| | Total Credits: | | 18 |

*Modifications to the programmes and courses are contingent upon adherence to university guidelines and procedures. Any proposed changes must undergo a thorough review process, including consultation with relevant academic departments, approval from the appropriate administrative bodies, and compliance with accreditation standards.

Additionally, consideration will be given to feedback from students, faculty, and other stakeholders to ensure that modifications align with the overall educational objectives and mission of the university. The implementation of any approved changes will be communicated transparently to the university community, and appropriate measures will be taken to facilitate a smooth transition for all affected parties.