

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN & MANUFACTURING, JABALPUR

Master of Design (MDes) Programme

Course Curriculum

<u>Semester I</u>	<u>Credits</u>
1. DS 531 Elements and Principles of Design (Compulsory) 4	
2. DS 532 Ergonomics for Industrial Design (Compulsory)	4
3. DS 541 Product Design I (Compulsory)	4
4. DS 576 Design Workshop I (Compulsory) _____	4
Total Credits: 16	
 <u>Semester II</u>	
5. DS 533 Art & Aesthetics in Design (Compulsory)	4
6. <i>Elective</i> / DS 542 Product Design II (Elective) 4	
7. DS 577 Design Workshop II (Compulsory)	4
8. DS 598 Seminar I 2	
9. DS 699 MDes Thesis (Compulsory) _____	4
Total Credits: 18	
 <u>Semester III</u>	
10. DS 556 Interactive Design (Compulsory)	4
11. <i>Elective</i> / DS 557 Animation (Elective) 4	
12. <i>Elective</i> / DS 581 Design Paradigm (Elective) 4	
13. DS 596 Summer Internship (Compulsory)	2
14. DS 597 Teaching Work (Compulsory) 2	
15. DS 699 MDes Thesis (Compulsory) _____	4
Total Credits: 20	
 <u>Semester IV</u>	
16. DS ... Elective 4	
17. DS ... Elective / DS 699 MDes Thesis 4	

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| 18. DS 599 Seminar II (Compulsory) | 2 | |
| 19. DS 699 MDes Thesis (Compulsory) | | 4 |
| 20. DS 699 MDes Thesis (Compulsory) | | 4 |

Total Credits: 18

Grand Total Credit requirements: 72

Note: All courses are of 4 credits and seminars, summer internship and teaching work is of 2 credits each.

Course Numbers	Course Type
DS 501 – DS 530	Courses Open to other discipline also
DS 531 – DS 540	Foundation / Basic Courses
DS 541 – DS 555	Product Design Courses
DS 556 – DS 570	Visual Design Courses
DS 571 – DS 575	IT / Human Computer Interface courses
DS 576 – DS 580	Design Workshops
DS 581 – DS 595	Special Courses in Design
DS 596	Summer Internship
DS 597	Teaching Work
DS 598	Seminar I
DS 599	Seminar II
DS 699	Master's Thesis

Suggested Courses which may be offered as Electives

The following courses cover various design related subjects that students may be required to explore. The elective courses would create multidisciplinary knowledge based professionals.

1. **Design Paradigm**
2. **Art, Design and Society**
3. **Traditional Design & Handicraft**
4. **Visual Communication**
5. **Communication (literature)**
6. **Product Design II**
7. **Advanced Product Architecture**
8. **Human Computer Interface (HCI)**
9. **Nature of Materials and Processes**
10. **Design Management and Professional Practice**
11. **Product Planning and Marketing**
12. **Contemporary Trends in Theater, Film and Art**
13. **Studies in Form**
14. **Elements of Design II**

- 15. Advanced Studies in Form**
- 16. Animation**
- 17. Advanced Ergonomics**
- 18. Computer Aided Industrial Design (CAD/CAM)**
- 19. Craft, Creativity and Post-modernism**
- 20. Methodology of Criticism of Art & Aesthetics**
- 21. Independent Study- a seminar course**
- 22. Electives in Modular Format – EMFs**
 - a. EM 682a Business Models for Manufacturing** – Prof Warisawa
 - b. EM 687a Social Psychology** – Prof Lilawati Krishnan
 - c. EM 683a Supply Chain Management** – Prof Kripashankar