

STRUCTURE OF THE SYLLABUS FOR 4 YEAR UG PROGRAMME

ROYAL SCHOOL OF DESIGN

B. Des Product Design (Honours/Honours with Research)

| 1 st SEMESTER | | | | |
|---|-------------|--|-----|--------|
| COMPONENT | COURSE CODE | COURSE TITLE | | CREDIT |
| Major (Core) | PRD082M111 | Introduction to Design | | 3 |
| | PRD082M112 | Elements & Principles of Design | | 3 |
| Minor | PRD082N111 | Elements & Principles of Design | | 3 |
| Interdisciplinary (IDC) | IKS992K101 | Indian Knowledge System | | 3 |
| Ability Enhancement course (AEC) | CEN982A101 | Communicative English - 1(Introduction to Effective Communication) | | 1 |
| Ability Enhancement course (AEC) | BHS982A102 | Behavioral Science-I | | 3 |
| Skill Enhancement course (SEC) | PRD082S111 | Illustration Technique | | 3 |
| Value Added Course (VAC) | VAC992V1415 | Introduction to Graphic Design | | 3 |
| Swayam Course | | Understanding Design | | 3 |
| TOTAL CREDIT FOR 1 st SEMESTER | | | | 20 |
| 2 nd SEMESTER | | | | |
| COMPONENT | COURSE CODE | COURSE TITLE | | CREDIT |
| Major (Core) | PRD082M201 | Engineering Drawing | | 3 |
| | PRD082M212 | Design Thinking | | 3 |
| Minor | PRD082N211 | Design Thinking | | 3 |
| IDC | IKS992K201 | Indian Knowledge System - 2 | | 3 |
| AEC | CEN982A201 | Communicative English – II (Approaches to Verbal and Non-Verbal Communication) | 100 | 1 |
| AEC | BHS982A204 | Behavioral Science-II | 100 | 1 |
| SEC | PRD082S211 | Visualization Techniques | 100 | 3 |
| VAC | VAC992V2110 | Design Thinking | 100 | 3 |
| Swayam Course | | Design Innovation and Technology | 100 | 3 |

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| TOTAL CREDIT FOR 2nd SEMESTER | | | 23 |
| 3rd SEMESTER | | | |
| COMPONENT | COURSE CODE | COURSE TITLE | CREDIT |
| Major (Core) | PRD082M301 | Material Studies 1 | 4 |
| | PRD082M312 | Human Factors & Ergonomics | 4 |
| Minor | PRD082N311 | Human Factors & Ergonomics | 4 |
| IDC | PRD082I311 | Form Study | 3 |
| AEC | CEN982A301 | Fundamentals of Business Communication | 1 |
| AEC | BHS982A304 | Behavioral Sciences-III | 1 |
| SEC | PRD082S311 | Form Study | 3 |
| Swayam Course | | Process Equipment Design | 3 |
| TOTAL CREDIT FOR 3rd SEMESTER | | | 23 |
| 4th SEMESTER | | | |
| COMPONENT | COURSE CODE | COURSE TITLE | CREDIT |
| Major (Core) | PRD082M411 | Product Analysis | 4 |
| | PRD082M412 | Simple Product Design | 4 |
| | PRD082M403 | Manufacturing Processes - 1 | 4 |
| Minor | PRD082N411 | Product Analysis | 3 |
| | PRD082N402 | Material Studies | 3 |
| AEC | CEN982A401 | Employability and Communication | 1 |
| AEC | BHS982A404 | Behavioural Sciences-IV | 1 |
| Swayam Course | | Augmenting Design Thinking with Human-Computer Interaction | 3 |
| TOTAL CREDIT FOR 4th SEMESTER | | | 23 |
| 5th SEMESTER | | | |
| COMPONENT | COURSE CODE | COURSE TITLE | CREDIT |
| Major (Core) | PRD082M511 | User Interface Graphics | 4 |
| | PRD082M512 | User Experience | 4 |
| | PRD082M503 | Material Studies - 2 | 4 |
| Minor | PRD082N501 | Manufacturing Processes | 4 |
| Internship | PRD082M521 | 4 weeks Internship after 4 th Semester | 4 |
| TOTAL CREDIT FOR 5th SEMESTER | | | 20 |
| 6th SEMESTER | | | |
| COMPONENT | COURSE CODE | COURSE TITLE | CREDIT |

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|---|--------------------|--------------------------------------|---------------|
| Major (Core) | PRD082M601 | Manufacturing Processes - 2 | 4 |
| | PRD082M612 | Packaging Design | 4 |
| | PRD082M613 | Technically Complex Product | 4 |
| | PRD082M614 | Socio – Cultural Design | 4 |
| Minor | PRD082N611 | Packaging Design | 4 |
| TOTAL CREDIT FOR 6th SEMESTER | | | 20 |
| COMPONENT | COURSE CODE | COURSE TITLE | CREDIT |
| Major (Core) | PRD082M711 | System Design | 4 |
| | PRD082M712 | Product Detailing | 4 |
| | PRD082M703 | Design for Sustainability | 4 |
| | PRD082M714 | Research Methodology | 4 |
| Minor | PRD082N711 | Design for Sustainability | 4 |
| TOTAL CREDIT FOR 7th SEMESTER | | | 20 |
| 8th SEMESTER | | | |
| COMPONENT | COURSE CODE | COURSE TITLE | CREDIT |
| Major (Core) | PRD082M811 | Mobility Design | 4 |
| | PRD082N812 | Portfolio Design | 4 |
| Project / Dissertation | PRD082M821 | Dissertation/Research Project | 12 |
| TOTAL CREDIT FOR 8th Sem | | | 20 |