Revised Guidelines for Minor in Design

The *Minor* in Design is intended to enable B. Tech students to complement their major degree programs by developing creative, empathetic, and systems-oriented problem-solving abilities. The proposed guidelines outline the credit structure, thematic baskets, and course pathways as follows:

1. Credit Requirement
To earn a Minor in Design, students must complete 20 credits in Design. This includes:

1. At least one course from the Design Process Basket
2. At least one course from the Prototyping for Impact Basket
3. A 3-credit Design Project

Remaining credits from eligible Design core/elective courses

2. Design Process Basket
Courses focusing on methods for approaching ill-defined, real-world design problems.

Students must complete one course from the following:

1. DDL2001 Methods for Design Thinking
2. DDL2111 Understanding Design and Environment
3. DDL3111 Design Thinking for Sustainability
4. DDL7000 Systematic Product Design and Development
5. DDP7123 Design for Environmental Change

More courses may be added from B.Tech in Design, B.Des, M.Des, and PhD programs over time.
Note: Courses in this basket must not have prerequisites.

3. Prototyping for Impact Basket
Courses offer exposure to prototyping tools, communication strategies, digital interfaces, data-drive design, and systemic interventions.

Students must complete one course from the following:

1. DDP2110 Aesthetics in Design
2. DDP2121 Computer Aided Design
3. DDP2201 Materials and Prototyping
4. DDP3006 UX Design for Contemporary Technologies

5. DDP3008 Design Communication and Presentation(
6. DDL3299 Emerging Trends and Technologies in Design
7. DDP7121 Introduction to DIY Prototyping
8. DDP7122 Data Driven Design
9. DDP7124 Empathy and Environment
10. DDP7125 From Making to Changemaking
11. DDP7131 Design for Systems Transformation
12. DDL7209 Design for Usability
13. DDR8109 Strategic UX Design

Additional courses may be added in future.
Note: Courses in this basket must not have prerequisites.

4. Design Project (3 credits)
Students must complete:
1. DDP3296 Design Project for Minor in Design (3 credits)

Prerequisites: At least one course each from
o Design Process Basket
o Prototyping for Impact Basket

5. Remaining Credits
Students may complete the remaining credits through eligible Design core or elective courses (UG/PG), subject to seat availability and prerequisite rules.

6. Suggested Themes
Students are encouraged to curate their Minor in Design coursework around themes such as:
1. Design for Sustainability
2. Behavioural Design
3. Healthcare Design
4. Design for Entrepreneurship
5. Design for Culture and Traditions
6. Design for Changemaking

Example: Under Design for *Sustainability*, courses may include Design for Sustainable Habitats, Design for Environmental Change, Empathy and Environment, Applied Behavioural Design, and Design for Systems Transformation.

7. Note on Old Curriculum Students

Students under the previous curriculum must consult the Minor in Design Program Coordinator to establish course equivalence aligned with these guidelines.