



Davao del Sur State College
Brgy. Matti, Digos City, Davao del Sur

TECHNOPRENEURSHIP

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Bachelor of Science in Agricultural and Biosystems Engineering

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PREFACE

Technopreneurship is a dynamic field that combines technology, innovation, and entrepreneurship to create solutions that address real-world problems. In today's rapidly evolving digital landscape, individuals are encouraged not only to adapt to technological advancements but also to harness them in developing sustainable and impactful ventures. This module is designed to guide students through the essential concepts and processes involved in transforming ideas into viable technology-driven businesses.

This learning material is structured into six modules, each focusing on key stages of the technopreneurial journey. It begins with the fundamentals of idea development, value proposition, and team building, which are crucial in laying a strong foundation for any venture. The succeeding modules introduce students to product selection and design, development of a minimum viable product (MVP), and the application of design thinking and value proposition canvases to refine innovative ideas.

Furthermore, the module explores the creation of business models, market research, and product validation to ensure that proposed solutions are aligned with customer needs and market demands. It also emphasizes the importance of strategic marketing approaches, as well as identifying appropriate sources of capital and developing a sound financial model for sustainability and growth.

This module aims to equip students with practical knowledge, critical thinking skills, and entrepreneurial mindset necessary to succeed in the field of technopreneurship. By the end of this course, learners are expected to confidently conceptualize, design, and plan innovative business solutions that leverage technology for economic and social impact.

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