

Syllabus for B.Tech – Energy Engineering

Course Number & Title: EN211 – Community Development and Entrepreneurship	
L-T-P-C: 1-0-3-5	
Offered in (Odd/ Even / Any): Semester IV	
Pre-Requisite: Nil	
Preamble / Objectives (Optional): This course provides the methods for identification of energy issues in communities, relevant case studies with grassroot problems and examples of solutions relevant to energy sustainability and security, with impact studies	
Course Content/ Syllabus: Identification of problem; assessment and analysis of energy issues; literature search and relevant global case studies; problem identification and listing of possible technological solutions; economical analysis of the prospective solutions; assessment of relevant entrepreneurship model and case studies; entrepreneurship and economical impact indicators; project report preparation and documentation	
Books (In case UG compulsory courses, please give it as “Text books” and “Reference books”.	
Text Books: (Format: Authors, <i>Book Title in Italics font</i> , Volume/Series, Edition Number, Publisher, Year.)	
1.	R Rajan, <i>The Third Pillar: The Revival of Community in a Polarised World</i> , William Collins, 2019
2.	A D Tantau, L C Fril, <i>Entrepreneurship and Business Development in the Renewable Energy Sector</i> , 1 st Edition, IGI Global, 2017.
Reference Books: (Format: Authors, <i>Book Title in Italics font</i> , Volume/Series, Edition Number, Publisher, Year.)	
1.	C M J Warren, <i>Business Models for Renewable Energy in the Built Environment IEA-RETD</i> , Emerald Insight, 2013.