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# SUSTAINABLE DEVELOPMENT (E-Learning module)

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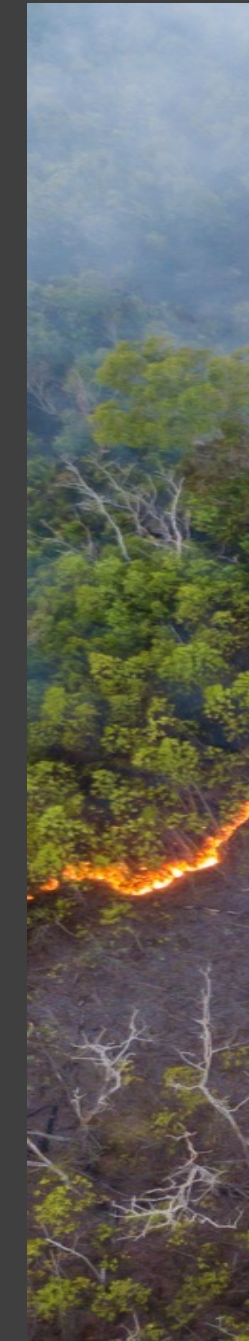
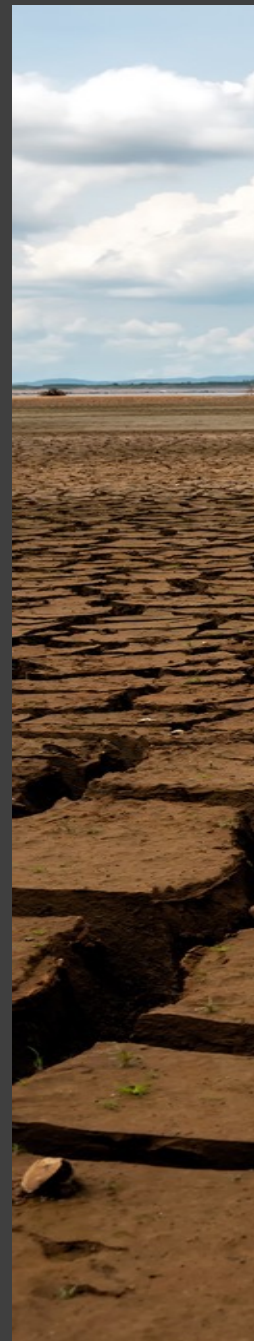
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# Overview of the course



# Course objective



**The main course objective is to make the students understand the fundamentals as well as the advanced aspects of the sustainable development. This will allow the students to get acquainted with various aspects of the sustainable developments. Specifically the goal is to cover in detail each of the 17 sustainable development goals of the United Nations. The goal of this course is also to make the students get enriched with the various dimensions of sustainable development.**

# Course outcome



**By the end of the course, successful students will:**

- 1. Know the basic and advanced concepts of sustainable development**
- 2. Understand in depth all 17 sustainable development goals of the UN**
- 3. Appreciate the history and origin of the sustainability**
- 4. Understand various dimensions of the sustainability**
- 5. Get acquainted with key topics such as energy, land use, ecosystem services in sustainable development**



# Mode of the course

## In-class discussion



**The discussion will focus on various concepts of sustainable development.**

## In-class assignments



**Write individual opinions on key topics such as ethical perspectives of sustainable development**

## Reading and discussion of assigned papers for seminars



**Read key research papers on sustainable development from peer-reviewed journals and present it as seminars**

## Group project presentation



**Students is expected to chose one topic of their interest on substantiable development and present it in a group.**

# References



## **Text Books:**

- 1. Fundamentals Of Sustainable Development. 3<sup>rd</sup> edition. Niko Roorda, Routledge. 2020**
- 2. Sustainability Science – An Introduction. Harald Heinrichs, Pim Martens, Gerd Michelsen and Arnim Wiek. Springer Science+Business Media Dordrecht 2016.**

## **Reference Books:**

- 1. Handbook of Sustainability Science and Research. Edited by Walter Leal Fiho. Springer International Publishing AG 2018.**
- 2. Resource Management, Sustainable Development and Governance – Indian and International Perspectives. Baleshwar Thakur, Rajiv R. Thakur, Srikumar Chattopadhyay, Rajesh K. Abhay. Springer Nature Switzerland AG 2021.**