



## PRERNA COLLEGE OF COMMERCE

(Run by PRERNA SEWA MANDAL, Regd. No. Sr Act 1860-370/83, BPT Act - 1950, F/3826)

Reshimbag Square, Nagpur - 24

Govt. Recognised & Affiliated to Rashtrasant Tukadoji Maharaj, Nagpur University

NAAC (UGC) ACCREDITED INSTITUTION 'B' GRADE (CGPA - 2.32)

Ph: 2745296, 2746840

E-mail : premacollegengp@gmail.com

Website: www.premacollegeofcommerce.com



### Green Campus Committee & Environment Committee Jointly Organize A Certificate Course in 'Basics of Sustainable Development'

24<sup>th</sup> January, 2022 to 4<sup>th</sup> February 2022,

#### About the Certificate

It is the mission of the Green Campus Committee of Prerna College of Commerce to work whole-heartedly and meaningfully to make our institution operate sustainably, and to foster more programmes and initiatives towards making the college campus green in all possible ways and also to work to do all that is necessary, desirable and advisable to protect our environment and make it pollution-free. We also accept the responsibility in our lecture sessions to ensure that our students shall become a new generation of responsible citizens with far-reaching conscience and sensibility mixed with wisdom to always think and act in such a way as to make the Earth a beautiful and comfortable home to live in and to use the available resources for the sustainability for the benefits of the life on this planet.

We are committed to functioning in a sustainable manner by being more prudent with the use of energy and other natural resources. We also pronounce our pledge to contribute to national and global agenda on environment and sustainability.

Green Campus Committee and Environment Committee of Prerna College of Commerce, Reshimbag Square, Nagpur, have decided to jointly organise a **Certificate Course in 'Basics of Sustainable Development'** for students. The course is designed and planned in such a manner that it would help the participants understand and absorb the basics of sustainable development and at the same time they will work in future the manner that will be in keeping with the same.

#### Registration Link

<https://forms.gle/wTbPmvrMXseou7XOA>

##### Patrons

**Prof. R. C. Gulhane**

President, Prerna Sewa Mandal

**Dr. S. C. Gulhane**

Secretary, Prerna Sewa Mandal

##### Dr. Pravin Joshi

Director, Prerna College of Commerce

##### Convenor

**Dr. U. A. Lanjewar**

Principal, Prerna College of Commerce

##### Program Co-ordinator

**Ms. Sakshi Shivhare**

Assistant Professor

Prerna College of Commerce

M. 8237656020

**A Certificate Course on  
'Understanding Sustainable Development'**

**Course Schedule**

**Hon'ble Resource Persons**

**DAY 1**

24<sup>th</sup> Jan 2022



**DR PRAVIN JOSHI**  
DIRECTOR, PRERNA COLLEGE OF  
COMMERCE, NAGPUR  
Topic: Sustainable Development:  
Introduction to the Course

**DAY 2**

25<sup>th</sup> Jan 2022



**DR. ASHOK BHAD**  
EX. PROFESSOR,  
GURU NANAK JR. COLLEGE,  
NAGPUR  
Topic: Environmental Ethics

**DAY 3**

27<sup>th</sup> Jan 2022



**DR. MILIND SHINKHEDA**  
ASSOCIATE PROFESSOR,  
D.R.B. SINDHU MAHAVIDYALAYA  
Topic: Sustainability Principles

**DAY 4**

28<sup>th</sup> Jan 2022



**DR. SHARDA KOSANKAR**  
SENIOR SCIENTIST, CSIR-NEERI  
Topic: Quality Of Life, Economic  
Growth and Environment

**DAY 5**

29<sup>th</sup> Jan 2022



**DR. SANDIP HATE**  
ASST PROF., DEPT OF BOTANY  
D.R.B. SINDHU MAHAVIDYALAYA  
NAGPUR  
Topic: Sustainable Consumption

## DAY 6

31<sup>st</sup> Jan 2022



**DR. RAJKUMAR KHAPEKAR**  
ASSOCIATE PROF. & HOD BOTANY,  
D.R.B. SINDHU MAHAVIDYALAYA,  
NAGPUR

Topic: Conservation of Forest and  
Sustainable Development

## DAY 7

1<sup>st</sup> Feb 2022



**MR. PRATIK KODMALWAR,**  
ASISSTANT PROFESSOR, PRERNA  
COLLEGE, NAGPUR  
Topic: Sustainable Development  
Goals (SDGs)

## DAY 8

2<sup>nd</sup> Feb 2022



**DR. YOGESH BHUTE**  
ASST. PROF. AND IQAC  
COORDINATOR,  
D.R.B. SINDHU  
MAHAVIDYALAYA, NAGPUR  
Topic: Managing Climate for  
Sustainable Development

## DAY 9

3<sup>rd</sup> Feb 2022



**DR. BHARTI DESHMUKH**  
ASST. PROF. PRERNA COLLEGE  
OF COMMERCE, NAGPUR  
Topic: Disaster management:  
Readiness of the Cities to  
Handle Disasters

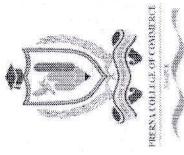
## DAY 10

4<sup>th</sup> Feb 2022



**DR. AMOL DESHMUKH PRINCIPAL,**  
INSTITUTE OF TECHNOLOGY  
NAGPUR  
Topic: Institutional Contribution  
towards Sustainable Development

Prema Seva Mandal's



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## APPRECIATION CERTIFICATE

*Preerna College of Commerce heartily expresses its deep sense of appreciation and profound gratitude to Dr Pravin Joshi for being the Resource Person in the Ten-day Online Certificate Course on 'Basics of Sustainable Development' organized from 24<sup>th</sup> Jan 2022 to 4<sup>th</sup> Feb 2022.*

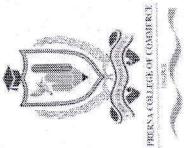
*We look forward to the same kind of co-operation in future too.*

*Congratulations!*

Ms Sakshi Shivhare  
Coordinator

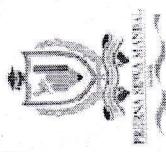
Dr U.A. Lanjewar  
Principal

Dr Pravin Joshi  
Director



Prema Sewa Mandal's

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Preerna Mandal's

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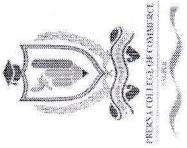
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Prema Sewa Mandal's

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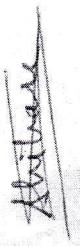
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*Prerna College of Commerce heartily expresses its deep sense of appreciation and profound gratitude to Dr Rajkumar Khapekar for being the Resource Person in the Ten-day Online Certificate Course on 'Basics of Sustainable Development' organized from 24<sup>th</sup> Jan 2022 to 4<sup>th</sup> Feb 2022.*

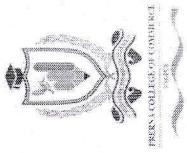
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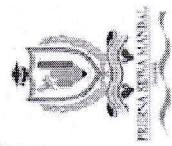
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Reshimbag Square, Nagpur

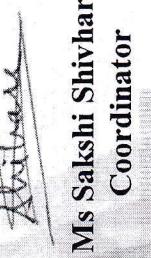
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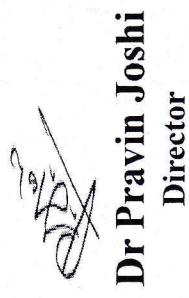
*Prerna College of Commerce heartily expresses its deep sense of appreciation and profound gratitude to Dr Sandip Hathé for being the Resource Person in the Ten-day Online Certificate Course on 'Basics of Sustainable Development' organized from 24<sup>th</sup> Jan 2022 to 4<sup>th</sup> Feb 2022.*

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## **REPORT ON CERTIFICATE COURSE IN BASICS OF SUSTAINABLE DEVELOPMENT**

**Prerna College of Commerce**

**Committee – Green Campus Committee& Environment  
Committee**

**Programme: 'Certificate course in Basics of Sustainable  
Development'**

**Resource Persons : DR PRAVIN JOSHI, DR ASHOK BHAD, DR MILIND SHINKHEDE, DR SHARDA KOSANKAR, DR SANDIP HATE, DR RAJKUMAR KHAPEKAR, MR PRATIK KODMALWAR, DR YOGESH BHUTE, DR BHARTI DESHMUKH, DR AMOL DESHMUKH**

**Date and Time: 24th January 2022 to 04<sup>th</sup> February 2022 from 12:30pm  
to 3:30 pm**

### **Objectives: -**

1. To motivate the students to establish a link with environment so that no one leave behind and are vital to achieve a thriving ecology that works for people and planet.
2. To provide moral grounds for social policies aimed at protecting the earth's environment and remedying environmental degradation.
3. To promote responsible stewardship to ensure equitable use of natural and environmental resources in order to meet essential needs of both present and future generations.
4. To make them aware about how economic growth reflects the growth of national income.
5. To make students aware about the importance of green consumptions.
6. To advise them how to save planet and what possible sustainable strategies they should follow to conserve forest resources.
7. To guide the students about the effectiveness of sustainable development goals.
8. To make them aware about the effects of rising global warming and Greenhouse effect.
9. To make them aware about the preparedness plan, environmental protection, conservation of natural resources and stable economic growth.
10. To spread awareness about the necessity of educational knowledge to everyone for the growth of the country.



## **Highlights:**

### **Day 1:**

#### **Topics – Sustainable Development-An Introduction to the course**

1. Mrs. Chandni Agrawal welcomed and introduced the guest speaker of the program Dr Pravin Joshi, Director, Prerna College of Commerce, Reshimbagh Nagpur.
2. Sir introduced the topic and emphasised that, “everybody has the right to a healthy, clean and safe environment and this can be achieved by reducing pollution, poverty, poor housing and unemployment.”

### **Day 2:**

#### **Topic – Environmental Ethics**

1. Ms. Priya Godbole welcomed and introduced the guest Dr Ashok Bhad, Speaker of the program.
2. He talked about influence of environmental changes on large range of disciplines including law, sociology, theology, economics, ecology and geography.

### **Day 3:**

#### **Topic – Sustainability Principles**

1. Mr. Gaurav Gajbe welcomed and introduced Dr Milind Shinkhede, Resource person of the program.
2. Dr Milind Shinkhede explained the concept of sustainability principles.
3. He suggested students that by improving water quality, reducing environmental pollution, protecting biodiversity, and limiting the destruction of natural resources they can protect ecosystem.

### **Day 4:**

#### **Topic – Quality Of Life, Economic Growth And Environment**

1. Ms. Rajshree Akare welcomed and introduced the guest Dr Sharda Kosankar, Speaker of the program.
2. She talked about Effects of Climate Change, Pollutions, Solid waste and also talked about future environmental impacts on Oceans, global deforestation facts, future biodiversity loss, future of this planet, etc.



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## Day 5:

### Topic – Sustainable Consumption

1. Mrs. Shraddha Yeole welcomed and introduced Dr Sandip Hate, speaker of the program.
2. Dr Sandip Hate explained the concept of sustainable consumption with its definition, history and meaning in a simple manner.
3. Dr Sandip Hate explained importance of farming sustainable consumption for cultivation.

## Day 6:

### Topic – Conservation of forest and Sustainable Development

1. Ms Sakshi Shivhare welcomed and introduced Dr Rajkumar Khapekar, speaker of the program.
2. Dr Rajkumar Khapekar in his talk explained various importance of forest resources like it helps in providing natural habitat, purifying the air, regulating the global temperature, enriching the soil and providing bio diversity
3. *He suggested students that ecosystem can be protected by reforestation, wasteland management, reducing environmental pollution, protecting biodiversity, and limiting the destruction of natural resources.*

## Day 7:

### Topic – 'Sustainable Development Goals' (SDGs)

1. Dr Jai A Nishad welcomed and introduced the resource person Mr. Pratik Kodmalwar.
2. He guided students in details about 17 elements of sustainable development goals like: (1) No Poverty, (2) Zero Hunger, (3) Good Health and Well-being, (4) Quality Education, (5) Gender Equality, (6) Clean Water and Sanitation, (7) Affordable and Clean Energy, (8) Decent Work and Economic Growth, (9) Industry, Innovation and Infrastructure, (10) Reduced Inequality, (11) Sustainable Cities and Communities, (12) Responsible Consumption and Production, (13) Climate Action, (14) Life Below Water, (15) Life On Land, (16) Peace, Justice, and Strong Institutions, (17) Partnerships for the Goals.



## **Day 8:**

### **Topic – Climate change & Sustainable Development**

1. Mr. Atul Akotkar welcomed and introduced Dr Yogesh Bhute, speaker of the program.
2. Dr Yogesh Bhute in his talk explained various aspects of climate change like how climate shift occurs, effects of global warming & greenhouse gases, interdependency of all echo system, how human are responsible for climate change.

## **Day 9:**

### **Topic –Disaster Management: Readiness of the Cities to Handle Disasters**

1. Ms. Ankita Pathare welcomed and introduced Dr Bharti Deshmukh, speaker of the program.
2. Dr Bharti Deshmukh explained the concept of The Line Department that plays an important role in Disaster Preparedness.
3. Dr Bharti Deshmukh in her talk explained the Disaster risk calendar and Trigger mechanism.
4. She also discussed the concept of media management that play vital role in public awareness and preparedness.

## **Day 10:**

### **Topic – Institutional contribution towards Sustainable Development**

1. Dr Pooja Nikhar welcomed and introduced Dr Amol Deshmukh, speaker of the program.
2. Dr Amol Deshmukh in his talk explained that the various sustainable development goals (SDGS) are a proposed set of targets relating to future International development.
3. He also guided students that sustainable development is a long –term socio-economic development, resulting into the development of all societies.

### **Program Outcome: -**

1. The introductory session helped the students to get an insight into the subject of sustainable development.
2. Students have learnt objective, perspective and judgment on environmental issues.
3. Students came to know various activities to protect environment such as bin or pit



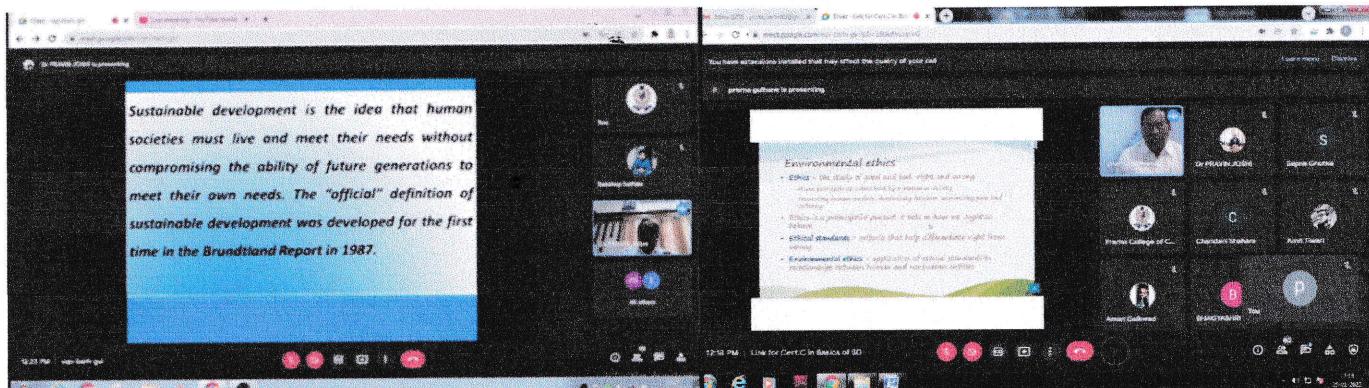
method and wind row method.

4. Students have learnt to protect societies against climate change-induced rising water levels and extreme rainfall events.
5. The students learnt the use of material products, energy and immaterial services in such a way that their use minimizes impacts on the environment, so that human needs can be met not only in the present but also for future generations.
6. They learnt the importance of ecosystem and biotic factor.
7. The students acquired essential knowledge about each element of sustainable developments goals on cost reduction, increased productivity, improved health, waste minimization, better use of materials, environmental protection, noise avoidance, better quality of life.
8. The students learnt the concept of climate change & sustainable development.
9. Student came to know about the various funds are available at National and State level for Disaster recovery.
10. They also understood that environmental creativity, knowhow, technology and financial resources of all the society are necessary to achieve the SDGs in every context.

**No. of Beneficiaries : 67 Students**

**Anchoring and Vote of Thanks by:** Mrs. Chandni Agrawal, Ms. Priya Godbole, Mr. Gaurav Gajbe, Ms. Rajshree Akare, Mrs. Shraddha Yeole, Ms Sakshi Shivhare, Dr Jai A Nishad, Mr. Atul Akotkar, Ankita Pathare, Dr Pooja Nikhar.

**Programme Coordinator:** Ms. Sakshi Shivhare, Assistant Professor, Department of Commerce.





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A screenshot of a Microsoft Teams video call. The main video frame shows a person with glasses and a dark shirt. To the right is a participant list with three other users: 'Aakashika Goshal' (video off), 'Dr. Vilasini' (video off), and 'Jeff Sundra' (video on). Below the participant list are two more video frames: 'Chitra Somayajulu' (video off) and 'Sujatha Balaji' (video off). The bottom of the screen shows the Teams interface with a search bar, a 'Recent' section, and various icons for file operations. The taskbar at the bottom includes icons for Microsoft Edge, File Explorer, and other system tools.

A screenshot of a video conference interface. The main content is a presentation slide titled 'ECOSYSTEM SERVICES' with a circular diagram illustrating various ecosystem services. The slide includes text about the role of natural resources in driving economic growth and how future growth can be decoupled from resource use. The video conference interface shows multiple participants in a grid, with one participant, 'Shanti Kapoor', highlighted as 'presenting'. The bottom of the screen shows a toolbar with various video and audio controls.

A screenshot of a video conference interface. On the left, a presentation slide titled 'Sustainable Consumption' is displayed. The slide features a yellow globe with a windmill and a recycling symbol, and text about the course being taught by Prof. Sandeep G. Patil. On the right, a participant named 'Chitra' is shown in a video window, wearing a pink headband and a dark top. The interface includes a toolbar at the bottom with various icons and a status bar at the bottom right.

A screenshot of a video conference interface. At the top, the text "12:12 PM | 118KB/s" is displayed, along with signal strength and battery icons. Below this, the room name "vqn-bsrh-gvi" is shown with back and forward arrows. The main content area features a white banner with the text "SDGs presented by Preerna Rodehseer" and the United Nations logo. To the right, a blue banner displays "17 Sustainable Development Goals" with a list of goals. Below these banners, participant names are listed in circles: "preerna is presenting" (blue), "R" (pink), "Ram..." (grey), "Sohal" (grey), "Sanj..." (purple), "L" (pink), "You" (grey), "Juhi ..." (grey), and a large circular image of a person with the text "56 others" (black). At the bottom, there are red, white, and blue circular icons with a red phone receiver, a white envelope, and a white checkmark, respectively. The bottom navigation bar includes a square, a circle, and a triangle icon.

The screenshot shows a Microsoft Teams meeting interface. The title of the meeting is "Climate Change and Sustainable Development" led by "DR. YOGESH V. BHATRE" from "DRB SINDHU MAHARASHTRA, NAGPUR-17". The meeting has 20 participants. A video feed of the speaker is visible on the right. Below the video, a diagram titled "DISASTER MANAGEMENT PHASES" is displayed, showing a cyclical process with four phases: Preparation, Response, Recovery, and Mitigation. The diagram is overlaid on a white background with a red border at the bottom.



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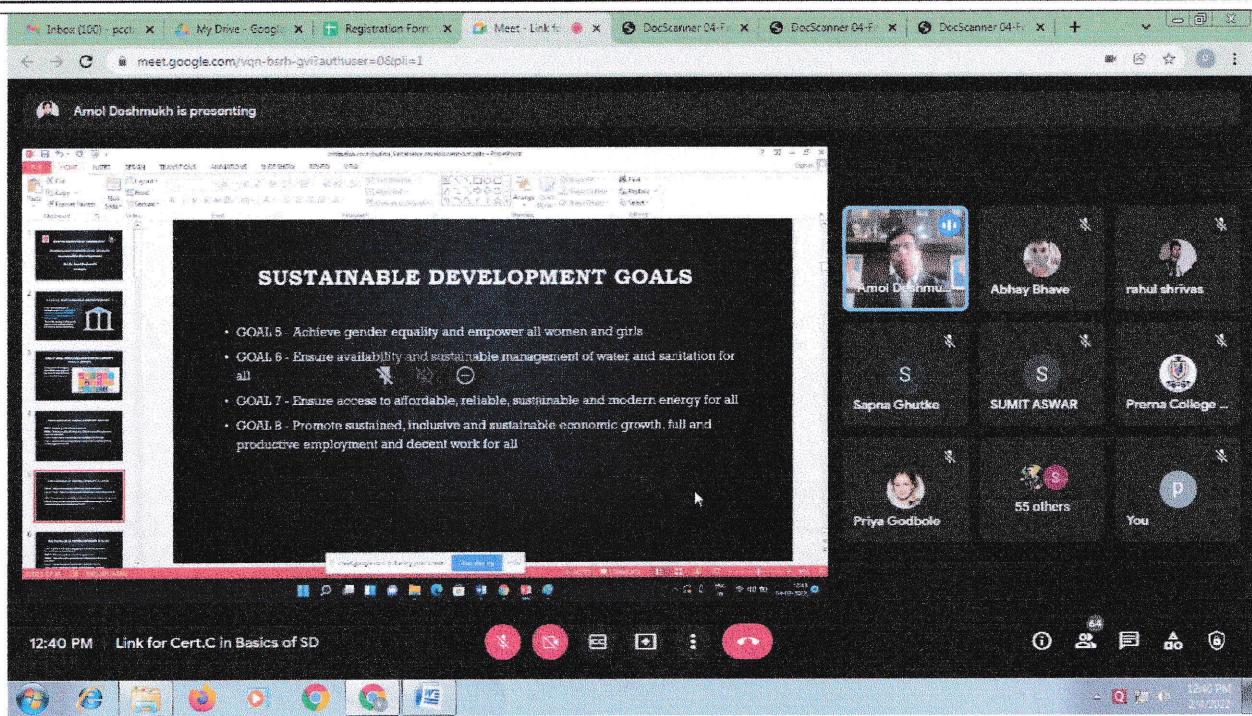
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## Resource Persons delivering lectures for the Certificate Course in Basics of Sustainable Development

  
Palash P. Geddekar