Education for Sustainable Development
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Lecture - 06
Education for Sustainable Development (Contd.)

Hello friends, welcome back to Education for Sustainable Development course. So, in the last class we have discuss about ESD how ESD plays a very major role important role and vital role in you know in changing our attitude, in changing our behavior and bringing transformation in our lifestyle, in our society. So, we will continue with that only with that ESD component only.

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- "Quality education is about what and how people learn, its relevance to today's world and global challenges, and its influence on people's choices. Many now agree, quality education for sustainable development reinforces people's sense of responsibility as global citizens and better prepares them for the world they will inherit" (UNESCO 2014: 28).
- "Across all levels and types of education – formal, non-formal, informal – ESD is also helping to advance the change in teaching and learning processes, bringing in approaches that 'stimulate pupils to ask questions, analyze, think critically and make decisions,' that are cooperative rather than competitive and that are more student-centred" (UNESCO 2014: 65).
- Education is an important means of implementation for sustainable development. It helps harmonize the tensions between economic, social and environmental development and integrate them into a single concept and pursuit.

So, as all of us we know that the ESD comes under quality education that is sdg 4 that quality education is about what we are learning, how people learn, it is a relevance in today's context in the context of global challenges and how it influences peoples preferences their choices their behavior.

So, in this context ESD plays a very important. So, many now agree that quality education for sustainable development actually reinforces peoples sense of responsibility as the global citizen. And they can better prepare themselves, groom themselves, nurture themselves,

develop themselves and get themself ready for the world for the for being the global citizen and to behave responsibly in the world platform, in the global platform.

So, across that, that is why all across that across the levels of education be it formal, non-formal, informal or you know be it school level, be it resource level, be it higher education whatever may be the thing. So, if ESD has to be has to not only be implemented included and put forth, but it has to be emphasized it has to be rigorously emphasized advocated and practiced again and again, again and again to put into the mindset of the people.

So, that is. So, that ESD is also helping in advancing the change in teaching and learning process; that means ESD should be not only talked about discussed on and but it has to be you know bring to the thought process in the consciousness of the people through rigorous training, through rigorous you know rigorous practices, rigorous lectures, series the rigorous case studies rigorous. So, it has to be embedded in all our all our teaching, learning and practice other day to day practices.

So, how to so, how ESD can bring the change in teaching learning processes, bringing the approaches like that 'stimulate the pupils to ask the questions. So, the pedagogical at the pedagogical level like for example, a pedagogical level if you want to emphasize it and put forth it.

So, now, we will encourage our students to ask many questions not only to themselves, but to the but to their peers to analyze, to think critically to synthesize all the things, to have a perspective global perspective in thinking and in the global perspective thinking in the you know in its global world suppose scope and the so, that to make the decisions' and right choices in their behavior.

So, you know it is not just confined to my wishes, my achievements, my goals and my things, but how to think, how to aspire, how to achieve, how to analyze, how to develop a global perspective not only what is suitable, what is positive, what is easier what is helpful for me, but for others as well.

So, the in the social perspective in the global or the community level what is good for others what is we have to be; that means, more of service oriented towards others not only we make our life happy and healthy healthier and happier, but how we can make others life happier.

How we can make the society happier, how can we make our community healthy society community in and so that we can engage ourself and engage others in a very all kinds of successful community activities wellbeing and welfare activities. So, that is a being cooperative being collaborative rather than being competitive should be the pedagogical approach.

Yes, competition in the group setup competition in the group level, competition as the at the group level is very productive in the sense that when the one group competes with other and moreover the groups are heterogeneous in nature. So, definitely the output the productivity will be higher.

But, instead of individual competition, instead of individualistic approach to sustainability where we should develop collaborative approach, cooperative approach, so, that are that would be more learner centric, that would be more student centric, that will be more people centric, that would be more stakeholder or customer centric.

So, that is a education is an important means of implementation for sustainable development. So, it helps to harmonize the tensions between economic, social and environmental development and integrate them into single concept and the pursuit. So, as we have already discussed that it has a three major domains one is the economic aspects, financial aspect prosperity etcetera. Another is the social domain that the people domain, social domain another is the environment domain.
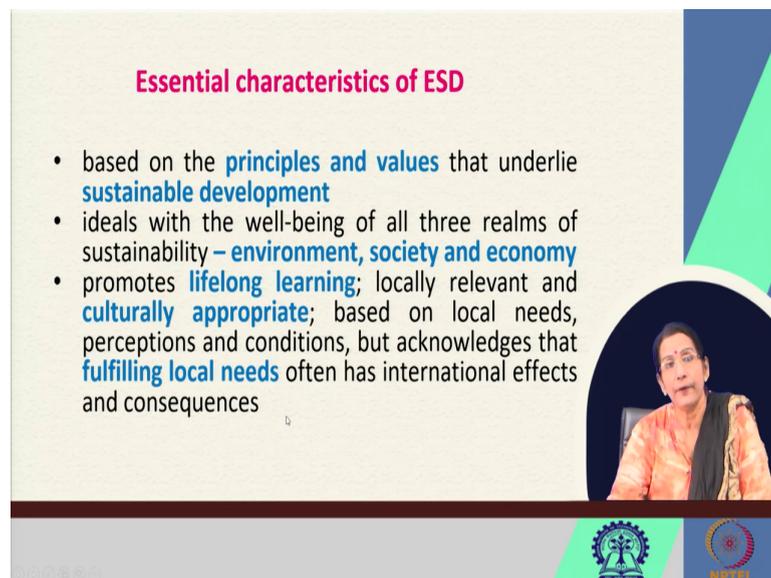
So, environmental resources when environmental resources and the human resources and the financial resources all these three resources when they interact with each other then sustainability or the development takes place. So, how ESD can make it a very successful, very positive, very profitable and very sustainable approach; so, sustainability be it business, be it any social interpersonal relationship, be it environmental you know environmental resources or mining or the minerals all activities.

Whatever may be the activities and the resources in any of the domains all the three domains interact with each other constantly continuously. So, definitely there will be there is a there is that means bound to be some kind of tension, some kind of conflicts are there which are inevitable. So, how to resolve this conflicts, arising out of this interplay of these three domain factors.

So, that is to develop how ESD can play very you know you can say very liasoning factor, very you know conducive factor for can say to mitigate not only to mitigate resolve the conflicts across the drivers; but also can guide them, can take forward these things towards a very positive and positive and successful goal achievement towards sustainability.

So, that is a it is a single concept with multiple action plans multiple pursuits, it is a ESD is a concept is very single, very simple and one word concept, but its implications are enormous its pursuits are continuous lifelong and it is you know activities and dimensions are multiple.

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So, now let us discuss about that this briefly, now we have already defined what is ESDs now, let us discuss what are the essential characteristics of ESD. So, definitely again when we are when we are proposing ESD in our school curriculum, in our policy documents, in our governance etcetera. So, it is based primarily based on certain principles and values that underlie sustainability.
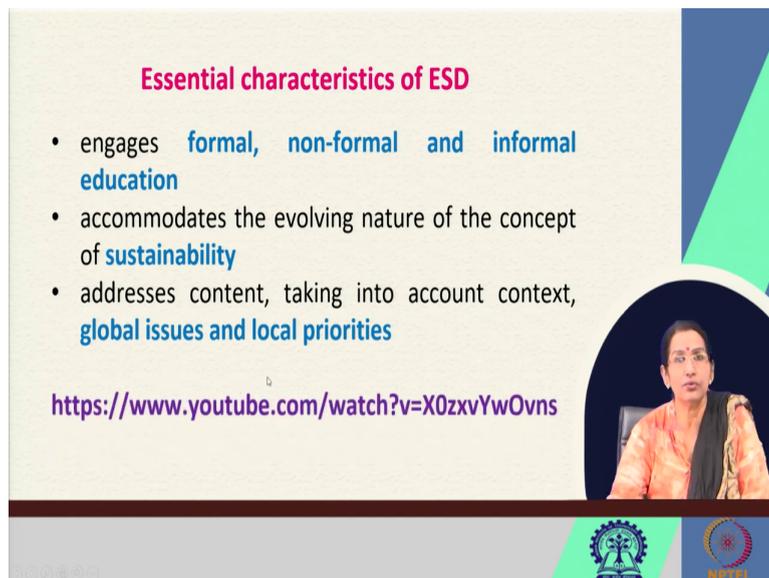
So, definitely ESD is going to have some basic characteristic features of having the principles and the values that advocate that promote sustainable development. So, it the ideals with wellbeing of all the three realms of sustainability like whenever we are implementing or put or advocating ESD or practicing ESD through curriculum content pedagogy. So, it has to address all the three domains equally that is environmental issues, social issues and economic issues that is prosperity.

So, that is how we can say people, planet and prosperity. So, now moreover sometimes also we add peace as a component also suppose, in the present day context peace as an component then justice can also be included. So, depending on the priorities were giving in the different context, environmental context.

So, it promotes definitely it promotes the lifelong learning, it promotes lifelong learning it should be culturally appropriate in the sense that you should not hurt anybody's sentiment across the culture, it should welcome, it should you know leverage cultural diversity, it should take care of other local needs, it should also care about others cultural aspects, values, perceptions peoples backgrounds then the.

So, the primary goal is how to bring sustainability a sustainable development both addressing the local needs, local needs of the people stakeholders etcetera as well as fulfilling or achieving the international targets, international goals ok. So, it has implications for the international global context, global issues how at the same simultaneously with and while addressing the or fulfilling the local needs of the people, local needs of the community ok.

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So, next thing is that it engages formal and non-formal and informal education. So, ESD is a that means, we have to bring into the framework in such a way that ESD can be incorporating the formal instruction like in our school, college education, formal education system in terms of course, content pedagogy everything.

In formal also in informal way also we can educate others through organizing different work more workshops, certain courses, webinars and in case studies and the surveys and the workshops and action research things all kinds of so, informally also. And non-formally also like for example, in the rural sector, in rural community, in among the you know agriculture farmers, agriculture farmers.

Industry workers and service sector in people also everywhere in any we can also educate them teach them or educate them in a non-formal way in a non-formal way. So, it can be engaged it can be applied it can be implemented both in the formal, non – formal, informal platforms as well.

So, it accommodates evolving the nature of the concept of sustainability and addresses the content, taking into account the context global issues and the local priority. So, here another two things are it is based on certain principles and values it addresses not only the local priorities, local demands local needs of the people.

But also it addresses the global issues like you know in the present context we can say the climate change, then terrorism and terrorism and the international conflict that ethnic violence ethnic violence these are the global issues which has to be addressed, which have to be addressed by this ESD component. So, this is this the YouTube link is there you can also go through for the details.

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So, that the basic purpose the basic goal of ESD is that to create the world that is more just peaceful and sustainable. Yes, sustainable means definitely sustainable is such a concept. So, it automatically incorporates positive connotations like you know peace should be there, happiness should be there, prosperity should be there global; that means, brotherhood feeling is should also be there and economic independence should also be there achievement would also be there and caring for others should be there, service orientation should be there.

So, all kinds of this positive attributes should be there, it is sustainable means it automatically encompass all those all this positive connotations like peaceful society prosperity, just society, then knowledge society, then empower societies, then skilled society, then heightened awareness, self-actualization, spiritual bent of mind we can say spiritual bent of mind.

Then empathetic attitude towards others help helping others and adapting then appreciating others values and its cultural practice and systems everything all these positive attributes are the component are automatically incorporate in the concept sustainable ok.
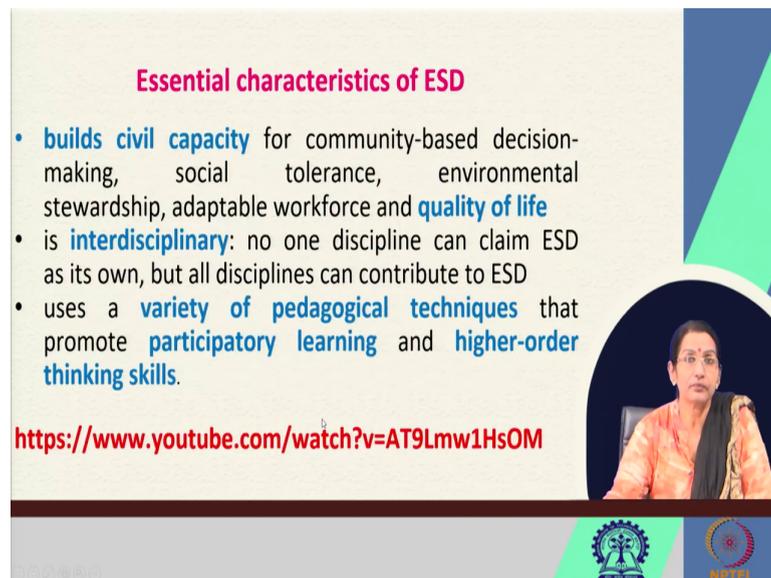
So, that is a ESD is about shaping a better tomorrow for all and it must start today therefore, the slogan is that the that means, the slogan is that the dedication and the common voice is that ESD should be planned, should be chopped out, should be implemented, should be designed and should be practiced in such a way that it should shape our it should shape our future and should shape our lifestyle, it should shape our society, our behavior thought process for a better tomorrow for all.

So, it is a it is a you can say it is a strategic approach strategic tool, to transport to bring that transformation to bring the transformative changes within the society within the in the global context. So, that it can better shape our tomorrow in a very comfortable in a very comfortable and sustainable way.

So, that is and it should begin from today also, although most of the countries almost all the developing and developed countries they are already practiced, they have already initiated since two thousand fifteen initiated some of the stage major action plans and steps and strategies towards this since two thousand fifteen.

So, it is to achieve this achieve all the 17 goals for India. So, it is it becomes our responsibility it becomes our responsibility and we are accountable for this we are responsible for this to bring and make our country, our society a sustainable society so, that we can protect our tomorrow for all the all for all future generation people.

(Refer Slide Time: 14:22)

So, again so, another is that build to build a civil capacity to build a civil capacity for the community based decision making, social tolerance, environmental stewardship, adaptable workforce and quality of life. So, these are all interdisciplinary things like for example, so, civil society then social tolerance people should develop the social tolerance, environmental stewardship adaptable workforce for enhancing the quality of life.

And community based decision is not just autocratic and bureaucratic kind of decisions, but it is a community based that means, based decisions taken in a very consensus way. So, ESD is such a component that no particular domain or discipline claim can claim that is our subject is our is all pervasive it is only present that means, ESD can be incorporated in any of the subject.

In any way, in any pedagogical techno way, pedagogical practices ESD is not just confined to education, but ESD is it can its can be a vehicle for achieving the sustainability in any subject be it physics, chemistry, law, education whatever. So, it is not confined to one discipline rather it is interdisciplinary, it is trans disciplinary and it also uses the varieties of pedagogical techniques that promote participatory learning.

You know nowadays with post globalization we are also advocating for you know with the remote learning, virtual learning, ICT learning tools and So, we are promoting more group

learning, team based learning, participatory learning, action research, higher order thinking skills like creativity innovation and critical thinking and we are also advocating for the problem based learning, project based learning, collaborative learning then global partnership networking ok.

So, and all kinds of higher order thinking rather the deep learning skills then the 21st centuries sustainability competences all these things are higher level think learning and thinking processes are we are advocating. So, ESD can be ESD should be a you can say it is a foundation stone of all kinds of activities, be it is whatever we are doing whatever we are teaching, whatever we are introducing, whatever we are practicing, ESD should be a platform it should be a basic foundation of all our activities.

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So, ESD for achieving SDG 4.7; so, how for achieving SDG 4.7 ESD plays a major role ok.

Let us see. So, now, it has started with the declaration on the right to development and it was implemented in 1986 by the member states of United Nations with the that means, with this document that is declaration on the rights to development in 1986 by the member states of UN.

So, this declaration categorically stated that that everyone is entitled to participate in contribute to and enjoy economic, social, cultural and political development. So, here it has started with initiated with a 1986 declaration of United Nation members states that everyone in according to this declaration everyone every citizen every individual is entitled to participate in activities in to contribute towards economic development economic development social cohesiveness cultural practices and political development in which all the human rights and the fundamental freedoms can be fully realized.

So, here we can see that these fundamental rights like in human rights and fundamental free human rights and freedoms are getting the utmost priority here human rights and fundamental freedoms can be fully realized. So, every individuals potentialities has positives strengths and aptitudes and abilities can be fully utilized fully realized.

So, this declaration also confirms that the states have the duty to cooperate with each other in ensuring the development and eliminating the obstacles and development. So, it is not just the

countries or the centers or the it is not centers responsibility, but the states also as a major stakeholder. States also should also confirm that they are actively engaged in cooperating with each other in ensuring the development across the country and across the globe as well.

So, for eliminating obstacles because in the environmental context also even though we have the boundaries like this is this state, that state etcetera, but there are some overlapping areas are also there, some common areas are there, some common issues are also there.

So, at the result of this the some of the conflicts also takes place some of the dilemmas and takes place. So, how to resolve mutually in a very cohesive manner, in a very positive way some mutually cohesive way how to resolve our conflicts and how to transform these conflicts and dilemmas into the into our advantage, into our positive outcomes.
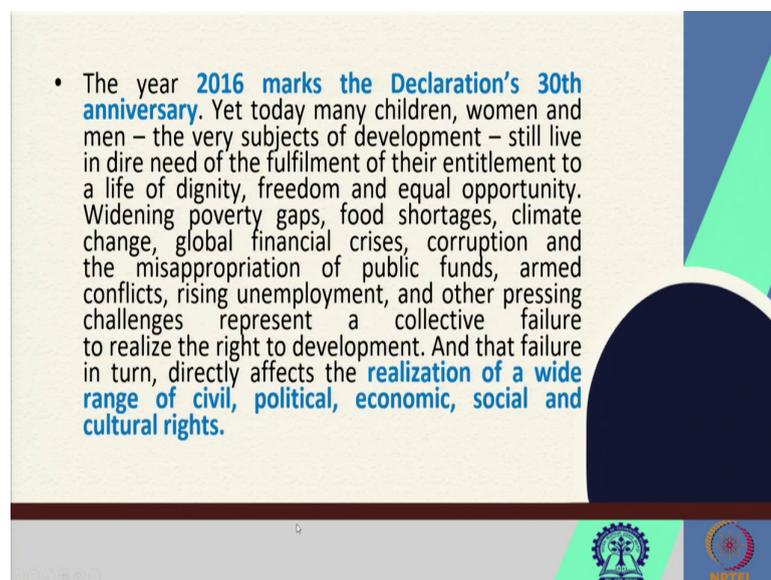
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So, the next is that the right to development is not about the clarity, but enablement and empowerment. So, here the right to development, right to development human rights and the freedom is not just confined to our charities not about the charity, but also about enablement empowerment. That means, we have to not only empower the people with skill and competencies, we have to give them the opportunity also we have to enable them to carry out certain activities, some professional activities, engagements etcetera.

So, that is the so, that is where the declaration identifies the obstacles in the development process that empowers the individuals and calls for an enabling environment and good governance. So, here how to empower and enable our citizens by providing and promoting the good ecosystem, enabling environment with opportunities and scopes and resources and with the good governance both at the national level and the international level.

So, which can announce the accountability of the duty bearers that is the which announces our moral responsibility or you know our moral obligations more that is so, the accountability of duty bearers that means, a whoever is holding different kinds of post, then governments, donors and recipients and the international organizations, transnational corporation, civil society.

So, it is everybody's responsibility. So, every citizen, every organization, every institution becomes responsible and accountable to serve the people serve the nation and serve the global citizens.

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So, in 2016 it marks as the declaration of the 30th anniversary of these declarations and you know yet today many children and women they still live in the dire need of fulfillment of the entitlement of life with dignity freedom. So, freedom and equal opportunity: So, automatically in even in this evolution process also.

Now so, many new right to food, right to education, right to justice, right to vote, all kinds of things human rights and all kinds of things are coming up one by ones. So, that means, how to fill up these gaps that means, gaps in the poverty; that means, poor and rich gaps in the food shortage then the climate change financial crisis.

So, how to deal with all these gap areas like corruption starting from the corruption to business appropriation of the public funds then armed conflict, rising unemployment and other kinds of pressing challenges that we are facing nowadays. So, how to represent a collective you know failure to realize how they will you know we have already discussed that with the millennium development goals, when it was evaluated later on monitored and evaluated later on.

So, then the member states the stakeholders, they can identify that the lot of gaps are there in millennium development goals and where we have failed to achieve these things. So, therefore, from time to time we need also need to evaluate this thing need to monitor and evaluate this thing.

So, it is we can say whenever there are the different gaps, huge gaps in the food sector, in the health facility sector, in the employment sector in the you know that means, air quality sector or etcetera pollution and air quality etcetera. So, we have to take the collective responsibility of our failure.

So, to realize the right to development and the failure in turn directly affects the realization of the wide range of civil political economic social and cultural rights. So, when we analyze deeply analyze and critically evaluate and reflectively think and critically evaluate our own shortcomings, our weaknesses, our disadvantages etcetera.

Definitely, we can realize that we need to develop a wide range of civil rights, political rights, economic rights, you know social rights, cultural rights and value systems and value systems and the action plans to move towards the sustainable development. Because, from time to time we have to monitor self evaluate it reflect upon it get the feedback from different stakeholders, then consult with the experts then revise our strategies so, that from time to

time we can achieve a sustainability in little bit that means, in the small quantum in small quantum and progressive way.
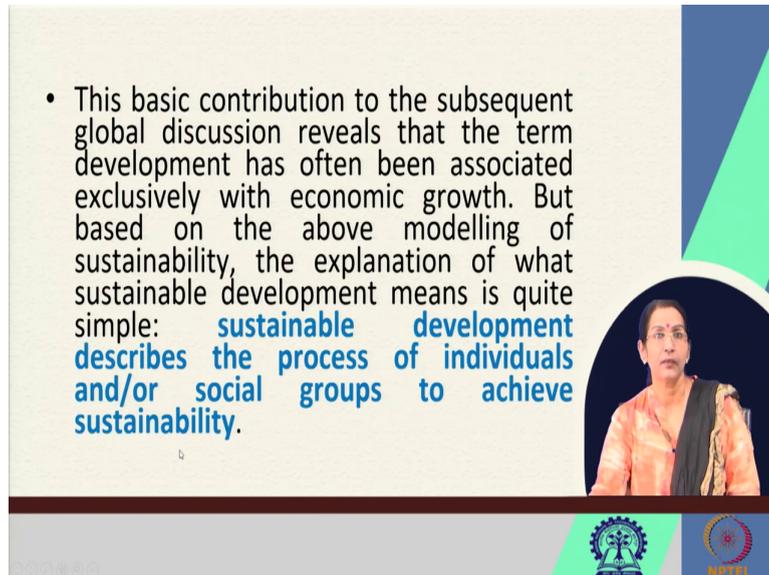
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So, therefore, our as per the Brundtland report our common future that is sustainable development is a process of change. So, in which the exploitation of resources and the direct investment the orientation of technological development, institutional change are all in harmony to enhance both current and future potential to meet the human needs and aspirations. So, Brundtland report we can take it away was this already discussed the Brundtland report is the foundation is the first document to describe to narrate to emphasize on our common future.

So, how our common future should be sustainable and that development should be progress should be progressive and it is a continuous process of change where we have to stop there or where there will be no exploitation of resources and the direct and we have we are investing resources in a very positive way, orientation towards technological development, investment in the worthwhile domains and then how to bring the reforms and institution through institutional change.

So, that all these drivers, all these domains can go can all prosper and grow in a very harmonious way both for the present as well as the for the future potentials of human life ok.

So, human needs and etcetera. So, this is the Brundtlands; reports that means, which is more holistic more global more you know it is a kind of very broad and global vision and mission of humanity as such ok.

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So, these are the basic contribution of subsequent global discussion that followed up by this Brundtland commissions and all the United Nations programs and the declaration etcetera. That is the to make it very simple and very precise the sustainable development, describes the process of individuals or the social groups to achieve sustainability.

Sustainability in the every domain of their life in the every domain be it education, health, work, entertainment, consumption, but in every aspect in every domain of our life how to bring that change in our lives in the in our development process.

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So, this is the you can say this is the YouTube link is also there. So, we can say it is a constant interplay of human development in text. So, here even un is also having some certain parameters in human development interest, index in the human development index. So, the in human development index there are n number of factors, n number of parameters n number of aspects are there. So, there is a constant interplay of this HDI index and ecological and HDI parameters and index and ecological footprint sustainable devel opment.

So, is considered as a path leading towards the green corner of the model, say how to make our a green society, green marketing, green business so, to make a greens greener society green future ok. So, where from where the every wherever the individual social group at the whole nations to start a new beginning new era of green life we can say ok, so sustainable lifespan.

So, now we are closing you know this session here only. So, in the next class we can continue with other things.

Thank you very much.