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Importance of Green Skills for Sustainability

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Abstract: ***The carbon emission,pollution ,climate change are biggest challenges for humans survival on earth. The solution to all this is sustainable development along with preparing community to deal with it is important to lower the impact of environment challenges.Green skills refer to knowledge ,abilities values and attitudes that enable individuals to support and participate in an environmentally sustainable society .Green skills are essential for addressing climate change,enhancing environmental health and building a sustainable global workforce to achieve united nations sustainable development goals. Green skills can be classified into three categoryTechnicalskills,adaptive and traversal skill each one has its own importanceo.Green skills can be developed in community through education ,awarenessprogramme, workshops at various plateforms initiated by Govt. NGO The emergence of green economy is new area of employment such as green energy, agriculture production and waste management. Development of curriculum consisting of education for sustainable developmentfor inculcating critical thinking,problem solving and ethical decision making are aligned with measurable learning outcomes enabling students to address real world sustainability challenges. It requires coordinated effort among educators, policy makers,industryleaders and researchers to integrate green skills across sectors.***

Keywords: Greenskills ,Sustainability, workforce

I. INTRODUCTION

The carbon emission,pollution ,climate change are biggest challenges for humans survival on earth.According to report of UNs IPCC“ action we take over next decade will determine whether or not our planet is livable for generation to come”The solution to all this is sustainable developmentGreen colour signifies renewal, various culture has associated green with environment, good fortune and being sacred colour and also descriptor for eco friendlypractices.Therefore anything with green as a prefix is considered sustainability. Green technologies basically thrust on sustainability throughgreen energy, agricultureproduction and waste management.lot of work is being done in this field.As it is said precaution is better than cure, in current scenario of destructive environmentchallenges.along with preparing community to deal with it is important to lower the impact of environment challenges.

Green skills refer to knowledge ,abilities, values and attitudes needed that enable individuals to support and participate in an environmentally sustainable society (arthur2022) green skills are essential for addressing climate change,enhancing environmental health and buildinga sustainable global workforceto achieve united nations sustainable development goals.sustainibility transitions has brought urgent need for structural changes,new training programmes and job evolution for workforce.According to Global Green skills report 2025 while demand for hiring workforce equipped with green skills has increased globally but it is not fast enough to meet the climate targets.Green skills can be classified into three category (bibliometric analysis 2025) Technical skills involves sector base specific competence it requiresknowledge of Technology,process,ability to relate the environment challenges and sustainable solutions for eg: For green chemical synthesis one must have knowledge of green materials ,green manufacturing process and handling of waste,legal compliance in sustainable way.

Traversal skills development of ecologically conscious mindset having ability of critical thinking ,recognize challenges and project management facilitating a culture of continuous improvement and accountability in sustainability driven workplace.Adaptive skillsgreen technology is continuously evolving thus one needs to embrace technologies and sustainable practices focused on continuous learning and innovationfostering greenmindset ,alignthere cognitive emotional and behavioural responses with sustainable goals. resilient workforce that is proactive ,innovative and aligned with sustainable development initiative

It is importantfor a work forceand communityto be aware about challenges, consequences and what could be done forsustainability.Green skills can be developed in community througheducation ,awarenessprogramme, workshops at various plateforms initiated by Govt. NGO. It is important to foster green skills,in particular the youth to be the torch bearer.

Young workforce can play a transforming role in this transition empowering youth with green skills amplifies theirpotential toleadchange,influence decision making and shape sustainable futures. of employment such as green energy, agriculture production and waste management.

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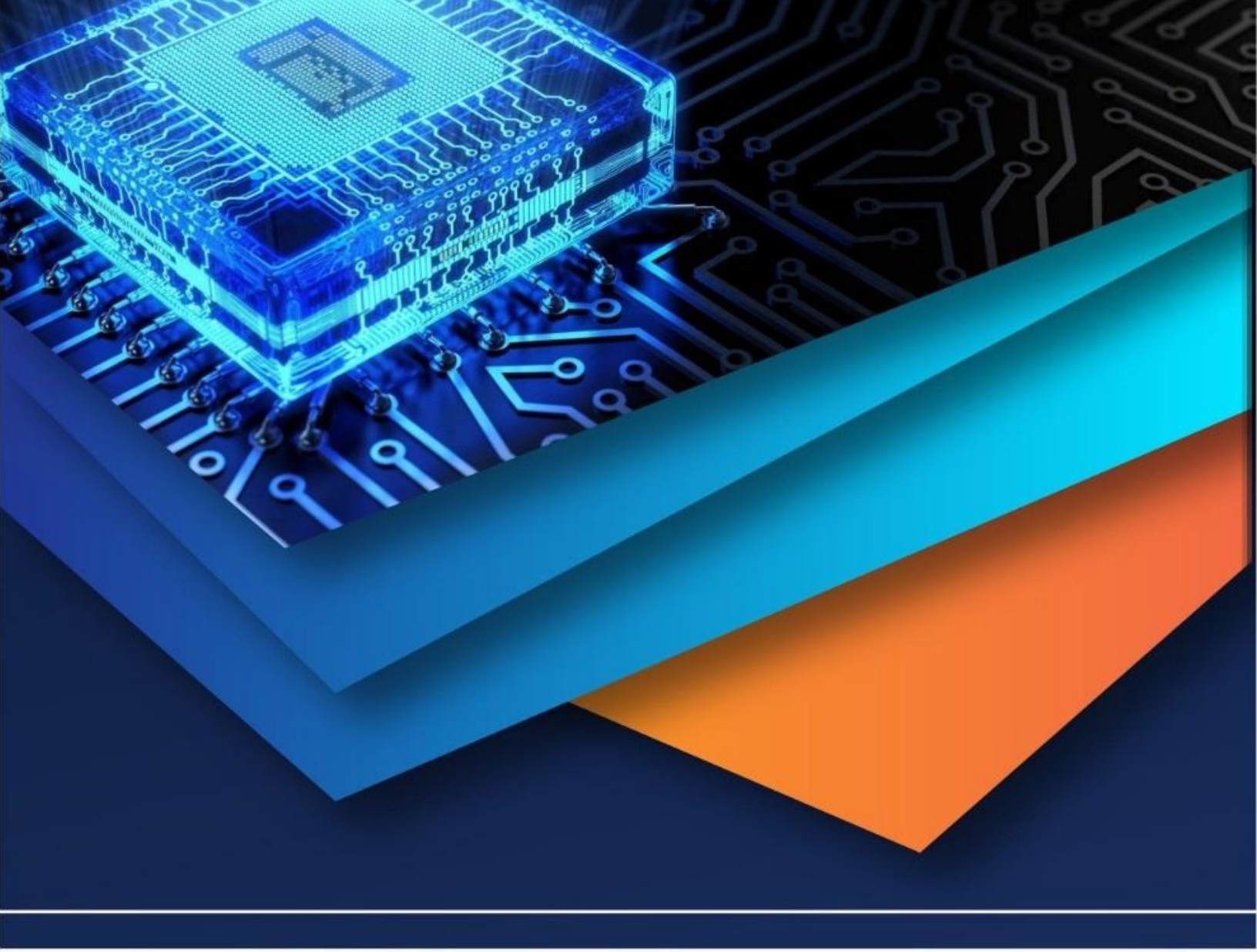
Although environment education in imparted from primary level butnurturing agreen mindset will have immense implimentation consequences.

Development of curriculum consisting of education for sustainable development forinculcating critical thinking,problem solving and ethical decision making are aligned with measurable learning outcomes enabling students to address real world sustainability challenges.It requires coordinated effort among educators, policy makers,industryleaders and researchers to integrate green skills across sectors.To further strengthen the approach attention should be on unexplored sectors such as healthcare tourism ,engaging young minds through outreach programmes ,integrating digital skills and evaluation of green skills policy from time to time and bridging research with end user. these all steps in totality can help in achieving sustainable development goals.

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