

LAKSHMIPAT SINGHANIA ACADEMY
PROJECT PLAN (TERM-1)
SESSION- (2023-24)
CLASS-IX
THEME: G 20 – One Earth, One Family, One Future

SUBJECT: ENGLISH

FULL MARKS--20

G20 presidency is building on its extensive expertise in green growth, clean and climate-resilient infrastructure, fossil fuel subsidies.

The project will consist of -

✓ **PowerPoint presentation:** This will be a group activity. A group of 5 or 6 students will prepare a presentation in PowerPoint, explaining the details of their project, exploring the idea of promoting green growth and reducing carbon footprint, accompanied by relevant photographs. The ppt is to be prepared according to the headings given below:

Slide 1--- Introduction on the Topic

Slide 2---- Promotion of Green Growth

Slide 3— Reduction of Carbon Footprint

Slide 4---- ‘Green Poem’ an original poem/ jingle composed by the entire group on the importance of sustainability

Slide 5 --- References and Bibliography

Relevant Photographs to be attached.

✓ The entire class will be divided into 5 or 6 groups, wherein the team leader will present and explain their PPT.

LEARNING OBJECTIVE:

•Students have learnt to compose with clarity, coherence and precision.

LEARNING OUTCOME:

•Students will be able to understand the need to be aware

•Students will develop a collaborative approach and learn to work as a team and value time.

•Students will learn to appreciate each other's emotions and feelings.

RUBRICS FOR EVALUATION

PARAMATERS	5	4	3
Authenticity of the contents and appropriate expression (5)	Content is unique and proper research done and concepts properly explained but lacks expression	Not Unique but the concepts are well explained	Neither unique nor well explained
Timely submission demonstrates concise knowledge and understanding of the theme (5)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement. The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology (5)	Accesses suggested sites and employed technologies fluently	Accesses suggested sites and employed technologies adequately with support	Struggled while using technology. Struggled with teacher-provide strategies and resources
Creativity and Art Integration (5)	The concept and presentation in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

विषय- जलवायु परिवर्तन

G20 की अध्यक्षता का विषय “वसुधैव कुटुम्बकम्” या “एक पृथ्वी.एक कुटुंब.एक भविष्य”। यह विषय पर्यावरण की दृष्टि से व्यवहार्य और जिम्मेदार व्यवहार विकल्प अपनाने का आह्वान करता है जिससे वैश्विक स्तर पर परिवर्तन कार्यों के परिणामस्वरूप मानवता को अपेक्षाकृत स्वच्छ, हरित और उज्ज्वल भविष्य प्राप्त हो सके। जलवायु परिवर्तन के कारण पूरी मानव जाति आज चुनौतीपूर्ण समय से गुजर रही है। जलवायु परिवर्तन के कारणों और इनके रोकथाम के संभावित उपायों पर एक PPT (परियोजना) तैयार करें।

Learning Objectives

- जलवायु परिवर्तन के मुख्य कारणों की जानकारी रखना ।
- जलवायु परिवर्तन के संभावित रोकथाम के उपायों के प्रति सचेत होना।
- जलवायु परिवर्तन से उत्पन्न परिस्थितियों के प्रति जिम्मेदारी का बोध होना।
- **G20 के उद्देश्यों** की परख तथा उपयुक्त भाषा-कौशल का विकास।

Learning Outcomes

- समसामयिक विषयों के प्रति जानकार हुए।
- पर्यावरण के लिए उपयुक्त जीवन शैली की आवश्यकता के प्रति जानकार हुए ।
- सृजनात्मकता का विकास हुआ।
- स्थितियों की परख तथा उपयुक्त भाषा-कौशल का विकास हुआ।

RUBRICS FOR EVALUATION

मानदंड	5	4	3	2
विषय वस्तु की प्रभावी एवं सटीक जानकारी (5)	विषय सामग्री से जुड़े तथ्य प्रयुक्त लेखों में सटीक एवं विषयानुरूप है।	एक या दो तथ्यात्मक त्रुटियों के अलावा अधिकांश तथ्य सही एवं विषयानुरूप है।	कुछ तथ्य विषयानुरूप है पर तीन से अधिक त्रुटियाँ पाई गई हैं।	प्रयुक्त लेखों में विषय सामग्री स्पष्ट नहीं है।
सचित्र प्रस्तुतिकरण (5)	अच्छे ढंग की तैयारी, टीम के सदस्यों का समन्वय सराहनीय, प्रस्तुतिकरण स्पष्ट एवं प्रभावी	पर्याप्त तैयारी, टीम के सदस्यों का परस्पर सहयोग देखा गया। प्रस्तुति के दौरान स्पष्टता पाई गई पर प्रभावी नहीं हो पाई।	कुछ विद्यार्थी ही लिखित विषय में सहयोग देने के लिए तैयार, टीम के सदस्यों में परस्पर सहयोग का अभाव देखा गया। लिखित अभिव्यक्ति में आत्मविश्वास की कमी पाई गई।	छात्र तैयार नहीं, टीम वर्क का अभाव एवं लिखित प्रस्तुति अस्पष्ट एवं विषयानुरूप नहीं।
तकनीक एवं इंटरनेट संसाधनों का रचनात्मक उपयोग, विषयानुरूप चित्र संकलन (5)	परियोजना के विषय की प्रभावी अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का अच्छा उपयोग।	परियोजना के विषय की अभिव्यक्ति के लिए इंटरनेट से संकलित तथ्यों एवं तस्वीरों का कुछ उपयोग।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों, का उपयोग कम होने के कारण विषय की अभिव्यक्ति स्पष्ट तौर पर नहीं हो पाई।	इंटरनेट से संकलित तथ्यों एवं तस्वीरों का उपयोग नहीं होने के कारण विषयानुरूप अभिव्यक्ति नहीं हो पाई।
भाषा की उपयुक्तता समग्र प्रस्तुति (5)	प्रस्तुतिकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों का न होना। सहज एवं बोधगम्य भाषा का उपयुक्त प्रयोग परियोजना का समग्र प्रभाव दर्शकों के लिए रोचक और आकर्षक।	प्रस्तुतिकरण में वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी कुछ त्रुटियों का ही होना। विषय की सहज अभिव्यक्ति। परियोजना का समग्र प्रभाव दर्शकों का ध्यान आकर्षण करने के लिए पर्याप्त।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी त्रुटियों के कारण भाषा की उपयुक्तता का अभाव पाया जाना। परियोजना की समग्र प्रस्तुति को आकर्षक बनाने के लिए कुछ प्रयास किया गया।	वाक्य विन्यास, वर्ण विन्यास एवं विराम चिह्न संबंधी अत्यधिक त्रुटियों के कारण विषयानुरूप भाषा का प्रयोग न हो पाना। समग्र प्रस्तुति को रोचक बनाने के लिए विद्यार्थियों के प्रयास में अभाव।

SUBJECT: MATHEMATICS

FULL MARKS--20

India's presidency began on 1 December 2022, leading up to the summit in the third quarter of 2023. The presidency handover ceremony was held as an intimate event, in which the G20 Presidency gavel was transferred from Indonesian President [Joko Widodo](#) to Indian Prime Minister [Narendra Modi](#) at the close of the [Bali summit](#).

Indonesia held the presidency in 2022.^[8]

The India's G20 Presidency would guide the work of the G20 under the theme of - "[Vasudhaiva Kutumbakam](#)" or "One Earth · One Family · One Future" - drawn from the Sanskrit phrase of the [Maha Upanishad](#) , which means "The World Is One Family". Essentially, the theme affirms the value of all life – human, animal, plant, and microorganisms – and their interconnectedness on the planet Earth and in the wider universe.

The Group of Twenty (G20) is an intergovernmental forum comprising 20 countries - Argentina, Australia, Brazil, Canada, China, France, Germany, India, Indonesia, Italy, Japan, Republic of Korea, Mexico, Russia, Saudi Arabia, South Africa, Turkey, United Kingdom and United States and the European Union.

Write a brief note on G20 summit in 100 words with pictures. (4)

Compare with the help of bar diagram.

1. GDP of the top 5 countries. (5)
2. GDP of the bottom 5 countries. (5)
3. Presentation (6)

RUBRICS FOR EVALUATION- CLASS IX- MATHEMATICS

	5	3	1
Authenticity of the contents (5)	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (5)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement. The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner
Use of Technology and media (5)	Accesses suggested media and employed technologies fluently	Accesses suggested media and employed technologies adequately with support	Struggled with media and technologies. Struggled with teacher-provide strategies and resources
Creativity and Art Integration (5)	The concept in submission is creative, especially as compared with other submissions	The concept in the submission is somewhat creative	The concepts in the submission lacks creativity

SUBJECT: SCIENCE

Sustainable Development Goals – Renewable and Non- Renewable Resources

Learning Objectives:-

Students will learn about –

1. The importance of renewable forms of energy.
2. Become aware of the significance of solar power

BIOLOGY

Sunlight provides by far the largest contribution to renewable energy. Though only one billionth of the energy that leaves the sun actually reaches the earth's surface, this is more than enough to meet the world's energy requirements. In fact, all other sources of energy, renewable and non-renewable, are actually stored forms of solar energy.

1. How can solar energy be harnessed for the synthesis of biofuel? Show a possible model with the help of a flowchart.
2. What are the 4 major categories of biofuel according to U.S. Energy Information Administration? What are their sources?
3. How has the green roof system benefitted different parts of the world?

https://www.google.co.in/search?q=SYNTHESIS+OF+BIOFUEL&source=hp&ei=GoFMZKuzH-G64-EP-JWD8Ac&iflsig=AOEireoAAAAZEyPKggpWb_QY27IW3Ox1I7OcaQzfJ6J&ved=0ahUKEwirqNvnhc7-AhVh3TgGHfjKAH4Q4dUDCAk&uact=5&oq=SYNTH

<https://www.imm.fraunhofer.de/en/divisions/division-energy/synthesis-of-biofuels.html>

PHYSICS

The Sun has been radiating an enormous amount of energy at the present rate for nearly 5 billion years and will continue radiating at that rate for about 5 billion years more. Only a small part of solar energy reaches the outer layer of the earth's atmosphere. Nearly half of it is absorbed while passing through the atmosphere and the rest reaches the earth's surface. In India People across the country use the solar energy for various purpose such as solar cooker, solar water heater, solar energy for battery charging, solar Photovoltaic Panels.

One such use that is emphasized on is a solar cooker that has its own advantages as well as its limitations. We use a solar cooker for cooking the food by using the

energy radiated by the Sun. Solar cooker works on the principle that sunlight warms the pot, which is used for cooking the food. There are two types of solar cooker:

- Box Type ‘
 - Parabolic Type
1. State two Differences between Box Type Solar Cookers and Parabolic Solar cookers
 2. Describe the Structure and Working of a Parabolic Solar cooker particularly with regard to how maximum heat efficiency is obtained. Represent with the help of a Proper Sketch / Diagram. (Do not Paste Pictures).
 3. Make a Model of a Parabolic Solar Cooker using art and craft items.

<https://www.instructables.com/Simple-Parabolic-Solar-Cooker/>
<https://www.sciencedirect.com/science/article/abs/pii/S0038092X20304886>

CHEMISTRY

One Earth, One Family, One Future," is the theme of India's G20 presidency. The theme also exemplifies Life (Lifestyle for Environment), which highlights the importance of environmentally sustainable and responsible lifestyle choices, both at the individual and national level, in creating a cleaner, greener, and bluer future. In this respect, let us focus our attention to renewable and cleaner forms of energy.

Solar energy is regarded as green and clean energy source but it also has some disadvantages and still contribute to some carbon footprint. On the other hand nuclear energy is considered to be carbon free.

1. What are the 2 types of nuclear energy and which type is used in production of electricity in nuclear power plants? Illustrate with relevant equation.
2. How does production of solar energy contribute to carbon footprint?
3. Elaborate on the pros and cons of solar and nuclear energy.
4. What type of environmentally sustainable and responsible lifestyle choices can you, as a student make in order to conserve energy? Represent the same as a poster.

Make a power point presentation to present your project. (Should consist of 4/5 slides)

Stick pictures wherever applicable.

Link: <https://www.orano.group/en/unpacking-nuclear/is-nuclear-power-a-renewable-energy#:~:text=Although%20nuclear%20power%20is%20not,44%20reactors%20around%20the%20world.>

https://www.googleadservices.com/pagead/aclk?sa=L&ai=DChcSEwil8KLlrcz-AhVblyskHeH3CeYYABAAGqJzZg&ase=2&ohost=www.google.co.in&cid=CAASJeRoN3QSZwua5OQBAPWeWWxRt0DK3mX3hs6CjQEum8uTnCJKDAU&sig=AOD64_1O5g3mrOo_HEHDoA9x8YZDiN34Cw&q&nis=4&adurl&ved=2ahUKEwjg-5nlrcz-AhUYT2wGHeXOBn8Q0Qx6BAqIEAE

<https://solarisrenewables.com/blog/carbon-footprint-of-solar-panel-manufacturing/#:~:text=Solar%20panels%20emit%20around%2050g,of%20coal%2Dpowered%20electricity%20sources.>

RUBRICS FOR EVALUATION- PHYSICS

	2	1	0.5
Authenticity of the contents (2)	Content is Unique , genuine with proper research and explanation	Not Unique but the concepts are well explained	Neither unique nor well explained
Timely Submission with a concise knowledge (1)	--	Timely Submission with a concise knowledge	Delayed submission
Use of Technology and media (1)	---	Use of Technology and media	Struggled with media and technologies.
Creativity and Art Integration (2)	The concept in submission of solar cooker model is creative, especially as compared with other submissions	The concept in the submission of solar cooker model is somewhat creative	The concepts in the submission of solar cooker model lacks creativity

RUBRICS FOR EVALUATION- CHEMISTRY

	3	2	1
Authenticity of the contents (3)	Content is Unique and proper research done and concepts properly explained	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (1)	-	-	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate
Use of Technology and media (1)	-	-	Accesses suggested media and employed technologies fluently
Creativity and Art Integration (1)	-	-	The concept in submission is creative, especially as

			compared with other submissions
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RUBRICS FOR EVALUATION- BIOLOGY:

	4	2	1
Authenticity of the contents(4)	Content is Unique, genuine with proper research and explanation	Not Unique but the concepts are well explained	Neither unique nor well explained
Submission demonstrates a concise knowledge and understanding of the theme (2)	-	The information is concise and accurate and timely submitted.	The information is presented accurately and in a concise manner
Use of Technology and media (1)	-	-	Accesses suggested media and employed technologies fluently
Creativity and Art Integration(1)	-	-	The concept in submission is creative, especially as compared with other submissions

LEARNING OUTCOMES:

1. Students will learn the types of nuclear energy
2. Students will be able to learn the methods to conserve energy
3. Students will learn solar energy utilisation in cooking food.
4. Students will learn about the parts and working principle of a parabolic concave mirror

SUBJECT: SOCIAL SCIENCE

Topic: CULTURE & EMPLOYMENT

At the global level, culture has been recognized as an enabler of growth and sustainable development. In 2021, the Rome Declaration of G20 Ministers firmly positioned culture as an engine for propelling sustainable socio-economic recovery. The UNESCO World Conference on Cultural Policies and Sustainable Development – MONDIACULT 2022, adopted a Declaration affirming culture as a 'global public good'. These historic declarations have anchored culture at the heart of public policy and international cooperation by recognising its intrinsic value for sustainable development.



PROJECT FORMAT:

- ✓ Projects need to be done in groups.
- ✓ Students will do the project digitally.
- ✓ PPT should not be more than 8 -10 slides for each Subject.
- ✓ Support the project with relevant pictures.

GEOGRAPHY

1. The G20 has a strategic role in conserving forests. Justify with two points. (1x2=2)
2. What were the parameters discussed in G20 Summit on land restoration and forest fire. (1x2=2)
3. Which state in India has shown maximum conservation and preservation of forest and wildlife. On political map of India mark any one National Park of that state. (.5+.5=1)

HISTORY

4. Deforestation has been linked to climate change and global warming?
Justify? 2
- 5 What are the ways to combat illegal deforestations? 2
- 6 Numerous uprisings of tribal have taken place all over India and the world,
name 4 such forest rebellion 1

GROUP – 1, 3, & 5: Forest Conservation (G20), Mapping the deforestation footprint of nations (HISTORY)

GROUP – 2, 4 & 6: Restricting Desertification (G20), Respective forest revolts- BASTAR, Dafa Rebellion – Place (North East India), Period (1875)

Forest Satyagraha – Place (Guntur, AP and Palamau, Bihar), Period (1920-30), Gond and the Kolan – Place (Adilabad in Andhra Pradesh (GROUPS TO select any ONE of the Rebellion) (HISTORY)

LEARNING OBJECTIVE: The learning objectives include –

- ✓ To have a clear picture of the economic growth trajectory, economic policies, and institutional reforms in India.
- ✓ To understand four major economics challenges of Indian Economy, i.e. Poverty, Inequality, Unemployment and inflation.
- ✓

LEARNING OUTCOME: The learning outcome will include –

- ✓ Independent research work.
- ✓ Collaboration.
- ✓ Awareness and awakening among all.

LINKS (for reference):

<https://www.newindianexpress.com/states/karnataka/2023/feb/10/g20-meet-discusses-land-restoration-forest-fires-2546116.html>

<https://www.wri.org/insights/6-ways-g20-can-maximize-role-forests-climate-action>

<https://www.hindustantimes.com/opinion/indias-g20-philosophy-is-a-guiding-light-in-the-realm-of-conservation-101675917224089.html>

<https://www.tonerbuzz.com/blog/deforestation-facts-and-statistics>

https://www.orfonline.org/.../ORF_IssueBrief_420_Forests-ClimateCh... · PDF file

[ps://www.researchgate.net/publication/263656324_Forest_Cover...](https://www.researchgate.net/publication/263656324_Forest_Cover...)

- <https://www.clearias.com/popular-uprisings-revolts-against-british>
- <https://www.aspireias.com/upsc-related-facts-and-data/Tribal-Movement...>

Rubrics for Evaluation

SUBJECT: GEOGRAPHY/HISTORY

	5	4	3	2	1
Content-(5)	Applicable to Theoretical knowledge and all facts are correct.	Applicable to Theoretical knowledge and all facts are correct. One or two factual errors.	Applicable to Theoretical knowledge and all facts are correct. Three or Four factual errors.	Applicable to Theoretical knowledge and all facts are not correct, many factual errors.	Applicable to theoretical knowledge and all facts are not at all relevant to the topic.
Presentation-(2)	-	-	-	Overall impact of the project is attractive and appealing to the viewers. Students are well prepared. Teamwork is visible. Project is compiled up to the mark.	Some attempt has been made to make the presentation appealing to the viewers. Students are well prepared. Teamwork is not visible. Project is not compiled up to the mark.
Graphics/Photographs/Charts /Relevance to the topic- (1)	-	-	--	---	Presentation includes relevant photographs/ charts/ diagrams.
Team Work- (2)	-	-	-	Independent research work and collaboration	Independent research work missing and lack of collaboration.



TOPIC:- Be human-centric designers and user with AI.

Learning Objective:-

- Foster a deeper understanding of AI-tech and social skills
- Enable youth to develop AI-enabled solutions as a sign of achievement
- Empower youth to become human-centric designers and users of AI

Introduction:-

Artificial intelligence (AI) has emerged as a critical necessity and poses strategic importance for global economic growth across all industries and sectors. As students today will be the change makers of tomorrow, we need to empower them with the tools, resources and opportunities to learn new skills and prepare for the future workforce.

In 2020, National e-Governance Division (NeGD), Ministry of Electronics & Information Technology (MeitY), Government of India, collaborated with Intel India to implement Responsible AI for Youth - A national program enabling government school students pan India to become AI Ready.

TO DO:-Please follow each steps including submission process.

STEP 1:-

Go to the link given below and register by filling up all the details.

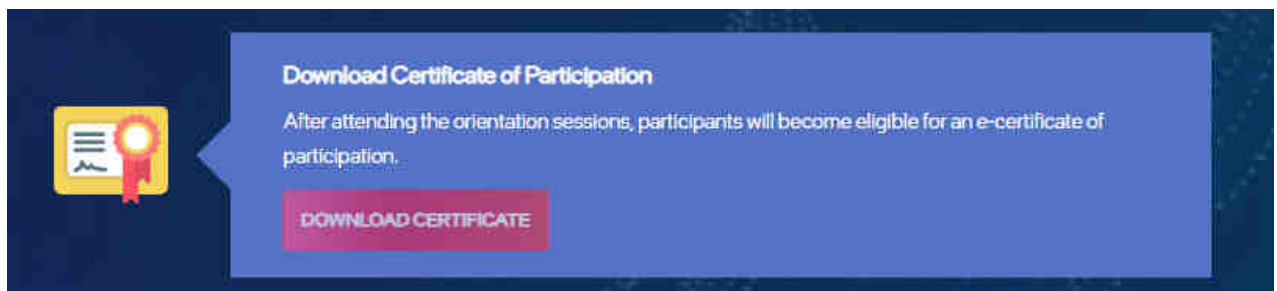
<https://yuvai.negd.in/register>

The registration form is a grid of input fields. It includes: Name (text), Email Address (text), Contact Number (text), Gender (dropdown), Date of Birth (calendar icon), Password (text), Confirm Password (text), Preferred Language (dropdown), Standard/Class/Grade (dropdown), School (text), School Type (text), Home Address (text), City (text), State/UT (dropdown), District (text), and Pincode (text). A red 'REGISTER' button is located at the bottom center.

Step 2:

- Note your student ID for further use.

- Select an online orientation session (Participation is mandatory.)
- Download the certificate of participation.



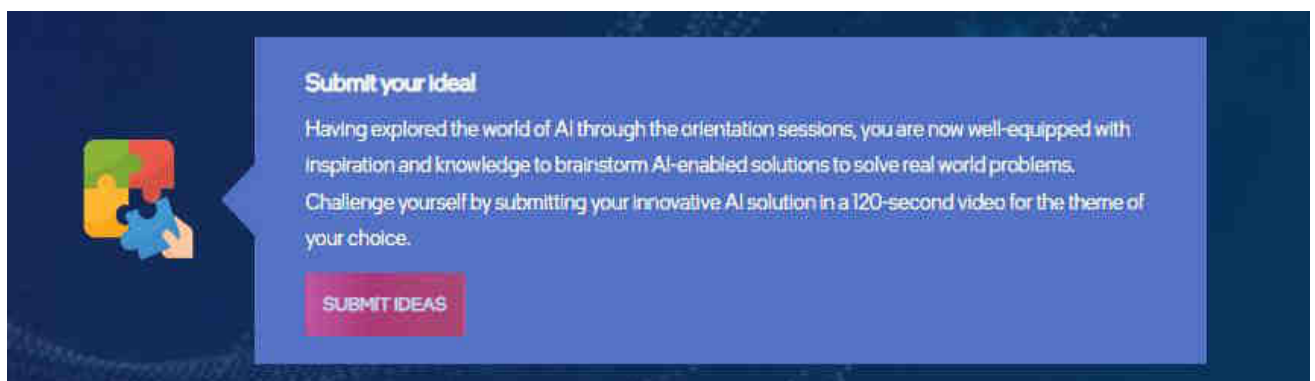
Download Certificate of Participation

After attending the orientation sessions, participants will become eligible for an e-certificate of participation.

[DOWNLOAD CERTIFICATE](#)

Step 3:

- Do your research work on the topic given below? Create a 120-second video explaining a proposed AI-enabled solution for any one of the eight core themes. You can use any free video editing software in order to present your research work.
 1. Krishi – AI in Agriculture
 2. Aarogya – AI in Healthcare
 3. Shiksha – AI in Education
 4. Paryavaran – AI in environment & clean energy
 5. Parivahan – AI in transportation
 6. Grameen Vikas – AI for Rural Development
 7. AI for Smart Cities
 8. Vidhi aur Nyaay - AI in Law & Justice
- Submit the video for a selected theme. Refer to the guideline given below as “Video Submission process on portal:



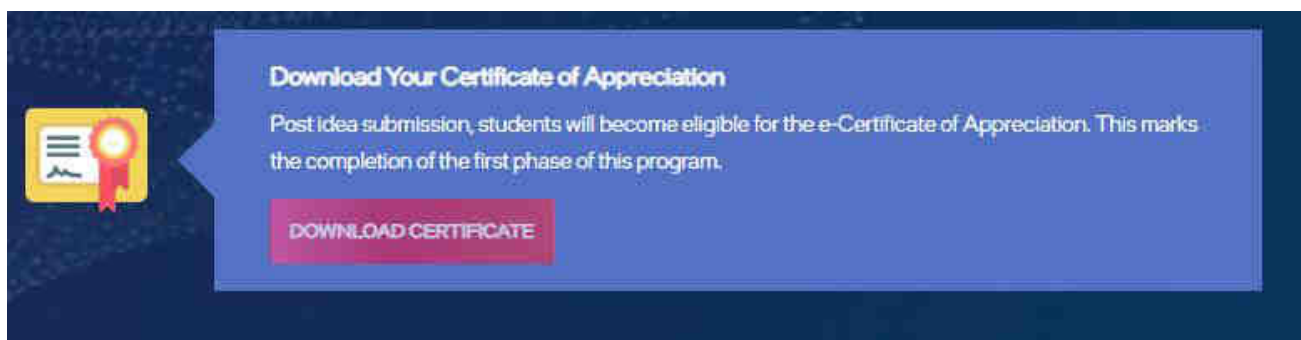
Submit your Ideal

Having explored the world of AI through the orientation sessions, you are now well-equipped with inspiration and knowledge to brainstorm AI-enabled solutions to solve real world problems. Challenge yourself by submitting your innovative AI solution in a 120-second video for the theme of your choice.

[SUBMIT IDEAS](#)

Step 4:-

Download your certificate of appreciation.



Download Your Certificate of Appreciation

Post idea submission, students will become eligible for the e-Certificate of Appreciation. This marks the completion of the first phase of this program.

[DOWNLOAD CERTIFICATE](#)

The banner features a dark blue background with a white speech bubble containing the text. To the left of the speech bubble is a yellow icon of a certificate with a red ribbon seal.

Video Submission process on portal:-

Once you have identified a problem statement and ideated a proposed solution using Artificial Intelligence, you have to share it in the form of a 120 seconds video by logging in to the portal.

The 120 – second's video should consist of the following –

1. Self-Introduction [20 sec] a. Name of student and school b. Name of the city and the state
2. Problem Statement [45 seconds] a. Talk about the problem you want to solve. b. What is the thematic sector? c. Why do you want to work on this problem?
3. Proposed Solution [55 seconds] a. What is your idea to solve the problem? b. Why do you think your idea is innovative? c. How will you work on the solution? d. What role will artificial intelligence and related technology play in your solution?

Uploading an idea video is mandatory and sharing supporting documents is optional.

SUBMISSION PROCESS on teams:-

1. Create a word file.
2. Write your student's ID
3. Mention the topic selected by you.
4. Upload the video on your YouTube channel, make it unlisted.
5. Submit the YouTube link to your subject teacher.
Note: Video uploading in YUVAi website to be done only after consent from your subject teacher.
6. After getting consent from your subject teacher, upload the video to YUVAi website as per the instruction given in *Introduction to Web Portal pdf*
7. Download and paste the certificates of participation and appreciation in the word file along with YouTube link.
8. Save your word file as Name_9_AI_Project and turn in on teams.

RUBRICS FOR EVALUATION

Criteria	4	3	2	1
Clarity of Explanation (4)	The video clearly explain the AI-enabled solution proposed core themes.	The video somewhat explain the AI-enabled solution proposed core themes.	The video does not clearly explain the AI-enabled solution proposed core themes.	The video fails to explain the AI-enabled solution proposed core themes.
Potential Impact (4)	the proposed AI-enabled solution have the potential to make a significant impact in addressing the problem identified	the proposed AI-enabled solution may make a significant impact in addressing the problem identified	the proposed AI-enabled solution may make a partial impact in addressing the problem identified	the proposed AI-enabled solution does not have the potential to make a significant impact in addressing the problem identified
Creativity (4)	Proposed solution innovative, original, and creative.	Proposed solution innovative and original	Proposed solution original but not creative.	Proposed solution creative but not feasible.
Production Quality (4)	audio and video quality is excellent for the viewer to understand the presentation	audio and video quality is moderate for the viewer to understand the presentation	audio and video quality is not very clear for the viewer to understand the presentation / video is shaking	The video contains no audio.
Completion and Timely submission (4)	The submission addresses the requirement in meaningful and relevant way. The information is concise and accurate	The submission addresses the requirement. The information is presented accurately and in a concise manner	The submission somewhat addresses the requirement, but not in a cohesive or concise manner	The Submission is always done at later date after repeated reminders, in not so cohesive or concise manner

LAKSHMIPAT SINGHANIA ACADEMY

PROJECT (TERM-I)

2023-24

THEME ; G 20

Integration : Hindi, Geography, IT.

CLASS- IX

SUBJECT : BENGALI 2ND LANGUAGE

FULL MARKS -20

পরিসোধনা কার্যের উদ্দেশ্য :

- G 20 র বিভিন্ন কর্মসূচির অন্তর্গত জলবায়ু পরিবর্তনের বিষয়টি সম্পর্কে অবহিত হওয়া।
- সৃজনশীলতার বিকাশ
- ব্যবহারিক প্রয়োগ ক্ষমতার বিকাশ
- ভাষার ব্যবহার ও চিন্তাশক্তির বিকাশ।

আন্তর্জাতিক অর্থনৈতিক সহযোগিতার প্রধান ফোরাম হিসাবে গ্রুপ ওফ টুয়েন্টি (G 20) বিশ্ব অর্থনীতিকে গুরুত্বপূর্ণ চ্যালেঞ্জের মুখোমুখি করার জন্য একটি গুরুত্বপূর্ণ ভূমিকা পালন করে। ১৯৯৭-৯৮ সালের বৈশ্বিক আর্থিক সংকটের পর ১৯৯৯ সালে ফোরামটি প্রতিষ্ঠিত হয়। এটি বিশ্বের প্রধান এবং পদ্ধতিগতভাবে গুরুত্বপূর্ণ অর্থনীতিকে একত্রিত করে।

G 20 পরিবেশগত চ্যালেঞ্জ এবং জলবায়ু পরিবর্তন মোকাবিলায় সম্মিলিত পদক্ষেপের গুরুত্বকে স্বীকৃতি দেয় এবং আরও নমনীয়, স্বচ্ছ ও ক্লিনার এনার্জি সিস্টেমের জন্য পরিবর্তনের প্রচার করে। OECD G 20 প্রেসিডেন্সির এই কাজকে সমর্থন করে। সবুজ বৃদ্ধি, এবং জলবায়ু পরিবর্তন নিয়ন্ত্রন ইত্যাদি এই ফোরামের কার্যাবলীর মধ্যে অন্যতম ।

জলবায়ু একটি বৈশ্বিক সাধারণ বিষয় এবং জলবায়ু পরিবর্তন একটি বৈশ্বিক দায়িত্ব । এই দায়িত্ব সকল মানব জাতির। বিষয়টিকে অবলম্বন করে একটি সচিত্র পত্রিকা তৈরি কর। যাতে নিম্নলিখিত বিষয় গুলির উল্লেখ থাকবে।

- G 20 তে কেন জলবায়ু পরিবর্তনের বিষয়টিকে কর্মসূচির অন্তর্ভুক্ত করা হয়েছে।

- জলবায়ু পরিবর্তনের জন্য বিশ্বে কী ধরনের পরিস্থিতি তৈরি হয়েছে।
- এই পরিস্থিতির পিছনে মানব জাতির ভূমিকা
- এই পরিস্থিতি প্রতিরোধের সম্ভাব্য উপায়

সমগ্র পরियोजना কার্যটি Digitally করা হবে এবং PPT র মাধ্যমে উপস্থাপিত হবে।

পরিয়ोजना কার্যের কাঙ্ক্ষিত ফলাফল:

- এই পরিয়ोजना কার্যের মাধ্যমে শিক্ষার্থীরা G 20 র কর্মসূচির অন্তর্গত জলবায়ু পরিবর্তনের বিষয়টি সম্পর্কে অবহিত হবে।
- বিষয়টির গুরুত্ব সম্পর্কে ধারণা লাভ করবে।
- মানব জাতির দায়িত্ব কর্তব্য সম্পর্কে সচেতন হবে।
- প্রতিকারের সম্ভাব্য উপায় নির্ধারণের প্রচেষ্টার মাধ্যমে বৈশ্বিক উন্নয়নে সামিল হবে।

RUBRICS

দক্ষতা	4	3	2	1
বিষয়বস্তু (4 Marks)	সকল বিষয়ে সঠিকভাবে লেখা হবে এবং প্রতিটি ক্ষেত্র পৃথকভাবে উল্লেখিত হবে।	প্রতিটি বিষয়ের উল্লেখ থাকলেও তথ্যের অপ্রতুলতা	প্রয়োজনীয় প্রতিটি ক্ষেত্রের উল্লেখের অভাব।	অসম্পূর্ণ কাজ।
গবেষণা (4 Marks)	প্রতিটি ক্ষেত্রের যথাযথ তথ্যের উল্লেখ।	কোন একটি বা দুটি ক্ষেত্রে তথ্যের অপ্রতুলতা।	প্রতিটি ক্ষেত্রেই তথ্যের অভাব।	ভুল তথ্য প্রদান
সৃজনশীলতা (4 Marks)	বিষয়বস্তুর সাথে সমতা বজায়	বিষয়বস্তুর সাথে সমতা থাকলেও	বিষয়বস্তুর সাথে সামঞ্জস্যহীন	শিরোনামের অনুপস্থিতি

	রেখে মৌলিক চিত্তার প্রকাশ	মৌলিকতার অভাব।		
শিল্পকলার প্রয়োগ (4 Marks)	পরিচ্ছন্ন ও উপযুক্ত প্রচ্ছদ, উপযুক্ত শিল্প ভাবনা	উপযুক্ত প্রচ্ছদ থাকলেও সৃজনশীলতার অভাব	ূপযুক্ত প্রচ্ছদের অভাব	প্রচ্ছদের অনুপস্থিতি
উপস্থাপনা (4 Marks)	নিখুঁত , উপযুক্ত উপস্থাপনা	উপস্থাপনা কার্যে আত্মবিশ্বাসের অভাব	উপস্থাপনা কার্যে উপযুক্ত শব্দ চয়নের অভাব	ূপস্থাপনা কার্যে ভুলের বাহু