

Government of Assam
Science & Technology Department

Assam Science Technology and Environment Council

Sanskar: Manuhe Manuhor Babe

- *Science and Challenges*

Invitation of Research Papers/Articles

ASTEC invites research papers/articles on scientific issues from people of Assam in 4(four) categories related to society, health, superstition and our responsibilities. Best articles will be rewarded with cash prize, and certificates, while selected articles will be compiled to publish a book having ISBN.

Rules and guidelines:

1. **Category A: Upto X, Category B: XI and XII or equivalent, Category C: Undergraduate to mpost-graduate level, including diploma students or equivalent, Category D: Open to all** Inhabitants of Assam, presently residing in any part of the world but not opted for citizenship of any country may also participate.
2. The articles should be original, informative and analytical and should reflect scientific attitude and commitment of the writer towards the society. Only scientific articles/papers are acceptable
3. **Number of words/illustrations:** Category A: Upto 2000 words, Category B: Upto 2500 words and Category C & D: 3500 words (excluding references at the end. Only essential references should be mentioned as per internationally accepted format). The participants may also use graphs, tables, illustrations, photographs, etc (keeping it to minimum number) in the article citing the source of the materials used.
4. **Prizes: First, second and third prizes, respectively are:**
Category A: Rs.25,000.00, Rs.20,000.00 and Rs.15,000.00
Category B: Rs.30,000.00, Rs.25,000.00 and Rs.20,000.00
Category C: Rs.40,000.00, Rs.30,000.00 and Rs.25,000.00
Category D: Rs.50,000.00, Rs. 35,000.00 and Rs.25,000.00

*(The best article/paper, selected by the Jury from the articles/papers from Category B, C and D will be rewarded with **Rupees one lakh only**, which will be inclusive of the first prize in the concerned category from where the article has been chosen. There will be Jury award of Rs.10,000.00 each to three more articles from each of the categories)*

5. Officials of Science and Technology Department and its constituent Bodies, their children and immediate relations cannot participate.
6. **Last Date of Submission:** Articles must be sent only through e-mail on or before 30.5.2020 to myessayastec@gmail.com or sanskarastec@gmail.com providing full contact address, mobile number one passport photo. In the **E-mail Subject**, they should mention, "**Article for Category**" (A, B, C or D)

Shikha
30.04.2020

7. Students must attach a scanned copy of their institutional identity card in the e-mail. Candidates from the Category D must attach a scanned copy of their ID-proof.
8. **Title of the Article:** An author may have his/her own title of the article based on any given topic of the respective category.
9. **Topics:** (with expected points to be covered in parenthesis). For each category any one of the two topics may be chosen

Group A: (Scientific Article)

1. **WORLD OF MICROBES, THEIR IMPACTS ON HEALTH AND PREVENTIVE MEASURES** (Introduction to microbial world, their usefulness and harms, diseases from microbes, cases of epidemics, preventive measures like cleanliness, sanitation, vaccine and cures, citizen's responsibility, etc)

2. **HEALTH RELATED SUPERSTITIONS, AND OUR RESPONSIBILITIES** {Superstitions and their origins, health related superstitious beliefs and description with examples (world-India-State-Local), need of scientific temper, prevention and responsibilities}

Category B: (Scientific Article)

1. **EPIDEMICS: A Historical Perspectives** (What is an epidemic? World's history of epidemics, scientific discoveries and inventions to fight against epidemics, Indian context, human's resilience to fight against epidemics)

2. **VIRUS, HUMAN HEALTH AND OUR SOCIETY** (Virus, types, various diseases caused by virus, epidemics caused by virus, human's resilience, health and hygiene issue, impacting human relationships, social stigma, present situation due to COVID-19, our responsibilities)

Category C: (Scientific Article)

1. **DISASTER CREATED BY COVID-19 vis-a-vis NATURAL DISASTER** (Damages created by both, impact on health, culture, social life, mitigation, adaptation, local context, role of science and technology, possible ways to tackle disaster like COVID-19)

2. **TRADITIONAL HYGIENE AND SANITATION PRACTICES OF SOCIETIES OF ASSAM: Their scientific relevance in the present context** (Traditional knowledge on health and hygiene, examples in societies of Assam, sanitation practices, their ability to fight disease, scientific relevance of such practices to curb bacterial and viral diseases including present pandemic situation)

Category D: (Research Articles)

1. **IMPACT OF COVID-19 ON INTERNATIONAL RELATIONS** (Global pandemics, global fight to handle pandemics, poverty, famine, economic impact, vaccine development, treatments and impacts on international relations, how international community should behave?)

2. **FUTURE AFTER COVID-19 WITH SPECIAL REFERENCE TO INDIA** (Probable long-term impacts of the current pandemic, past experience, probable positive & negative impacts after the disaster, future economic situation and political equations at global and national level, impact on education, environment and climate change, lessons learnt from this pandemic. Need for improving resilience to biological disasters)

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30.04.2020

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Pr. Upadhyay
30/4/2020