

# World Congress "Climate Change and Its Effects" CCIE-2025

6-8 September 2025

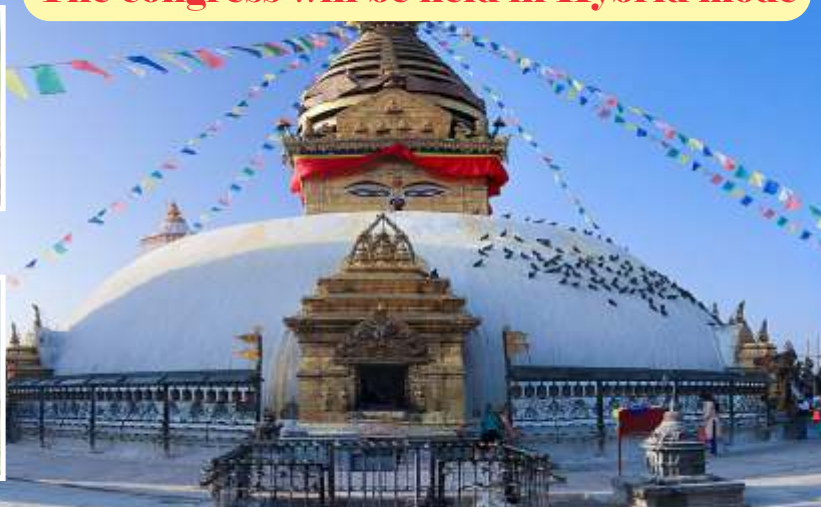
**Venue: Central College, Kathmandu, Nepal**

Located about 1 km from the airport and the Pashupatinath Temple

**Conference Registration Link**

<https://forms.gle/mn1maRgkY1bXTLL29>

**The congress will be held in Hybrid mode**



**Jointly Organized By**



Central College, Sinamangal-9  
Kathmandu, Nepal  
(Affiliated to Pokhara University)

IAAS, Tribhuvan University,  
Kathmandu, Nepal

Directorate of Research and Extension  
Faculty of Agriculture  
AFU, Chitwan, Nepal

Department of Agriculture,  
Kathmandu University, Nepal

Agricultural & Environmental  
Technology Development Society  
(AETDS), U.S. Nagar, India

National Agronomy Research Centre  
NARC, Kathmandu, Nepal

## HIGHLIGHTS OF THE CONFERENCE SESSIONS

- Technical Session having Lead, Oral and Poster Presentations
- Expert lectures from invited speakers
- Plenary & Concluding sessions
- Best Oral/Poster Presentation Award (each technical session), Book Chapter Publication

Last date for receipt of abstracts: 01-08-2025

Last date for registration: 03.08.2025

Last date Nominations for Award: 01.08.2025

Last Date for Submission of 10.08.2025

Book Chapters:

Congress Registration Link : <https://forms.gle/mn1maRgkY1bXTLL29>

Award Nomination Form: <https://tinyurl.com/25cd93xb>

Congress Web page: <https://agetds.com/download/>



<https://agetds.com/download/>, Email: [ccie2025kathmandu@gmail.com](mailto:ccie2025kathmandu@gmail.com)



+977 9809388992, +91 7004942581, +977 9849415272 +91 7005209574, +977 9855053695, +91 9412970088

## Invitation

Dear Researchers/Academicians, We are cordially invited you to the World Congress on “Climate Change and Its Effects (CCIE 2025)” is scheduled to be held from 6th to 8th September 2025 at Central College, Kathmandu, Nepal. This prestigious international event is being organized jointly by Central College, Kathmandu, Nepal (Affiliated to Pokhara University); Directorate of Research and Extension, Agriculture and Forestry University, Chitwan, Nepal; Faculty of Agriculture, Agriculture and Forestry University, Chitwan, Nepal; Department of Agriculture, Kathmandu University, Nepal; Institute of Agriculture and Animal Science (IAAS), Tribhuvan University, Kathmandu, Nepal; National Agronomy Research Centre, NARC, Kathmandu, Nepal and Agricultural & Environmental Technology Development Society (AETDS), U.S. Nagar, India.

The Organizing Committee of the Conference takes this privilege to invite scientists, researchers, academicians of national and international repute, professionals, research scholars, NGOs, social and extension workers, students, corporate, entrepreneurs, farmers, and others who are actively involved in Research and Development. The major objective of the conference is to provide a unified global platform representing multiple disciplines to share and discuss their experiences, research findings, and developmental activities in the field of Science-Agriculture, Technology, Engineering and Humanities.

### ABOUT THE INTERNATIONAL CONFERENCE

The World Congress on “Climate Change and Its Effects (CCIE 2025)” is scheduled to be held from 6th to 8th September 2025 at Central College, Kathmandu, Nepal. CCIE 2025 aims to serve as a vibrant global platform that brings together scientists, academicians, researchers, students, extension professionals, policymakers, NGOs, government bodies, and industry stakeholders from around the world to share and deliberate on the most pressing challenges posed by climate change and its wide-ranging effects on agriculture, natural resources, biodiversity, food systems, water security, and livelihoods. With a wide array of thematic sessions, the Congress will serve as a platform for policy exchange, innovation, and sustainable solutions.

The Congress will feature nine major themes and over seventy subthemes, covering a wide spectrum of topics such as climate-smart agriculture, natural resource conservation, environmental education, AI and digital tools in climate prediction, socio-economic resilience, disaster risk reduction, global warming, carbon emissions, biodiversity conservation, and climate policy frameworks. These topics have been carefully curated to ensure meaningful discussions that address both scientific and practical dimensions of climate adaptation and mitigation.

CCIE 2025 also provides an excellent opportunity for networking, collaboration, and the exchange of knowledge and innovations that can help build climate-resilient communities and ecosystems.

Participants from all disciplines and countries are welcome to register and contribute. Kathmandu, a city rich in heritage and natural beauty, offers the perfect backdrop for this impactful event.

### Presentations during Conference

#### Lead Paper Presentations/Invited Talk

Lead Paper Sessions will provide deep insights into the core themes of the Congress. For each major theme, a **Technical Committee** will select **2–3 distinguished speakers** to deliver talks.

- Each lead presentation will be allotted **15–20 minutes**, followed by an interactive Q&A session.
- Lead speakers will be requested to submit an **extended summary (3–4 pages)** of their presentation for inclusion in the official Congress Proceedings.

#### Contributory Paper Presentations

This category offers an opportunity for selected researchers to present their original contributions that align with the Congress subthemes.

- Papers originally submitted for poster presentation may be shortlisted for oral presentation based on their **scientific merit and relevance**.
- Selected contributors will be notified in advance and given **7–8 minutes** to present their work during designated sessions.

#### Poster Presentations

To promote broader participation and knowledge dissemination, **Poster Sessions** will be organized around all thematic areas of the Congress.

- Posters will be reviewed and grouped by theme for display.
- Each session will be chaired by a **Session Chair and two Co-Chairs**, who will also synthesize and present a summary of the discussions and findings for further recommendations.

#### Conference Presentation Awards

To recognize excellence in research communication, the following awards will be presented:

- **Best Oral Presentation Award** (for each technical session)
- **Best Poster Presentation Award** (for each technical session)

#### Guidelines for Preparation of Extended Summary

- Extended Summary should not exceed 1000 words excluding illustration (one) and references.
- The title should be short, specific and phrased to identify the content of the article.
- Heading should be in capital letter. i Extended Summary should be typed in MS-Word, Times New Roman with normal fonts. Font's size for different parts of extended summary are
- Title - 14 points bold, Authors – 12 point, Institute name – 11 points italic, Content – 11 points.
- Kindly Mention Name of the Theme in Extended Summary
- The guidelines are also available at Society [webpage \(https://agetds.com/download/\)](https://agetds.com/download/)
- **Sample Abstract /Extended Summary Format:** <https://tinyurl.com/2pd9e5u3>
- The extended summaries of all the contributory papers will be published and provided to the delegates as soft copy during the conference. These must reach the Organizing Secretary in the prescribed format latest by **03.08.2025**.
- Extended summary prepared without following the style and format and guidelines will not be accepted for publication.
- A soft copy of the extended summary prepared in MS-Word doc may be email to [ccie2025kathmandu@gmail.com](mailto:ccie2025kathmandu@gmail.com) (**Organizing Secretary, CCIE 2025**)





# MAJOR THEMES/SUBTHEMES AND TRACKES OF THE CONGRESS

## Theme 1: Climate Change: Challenges and Mitigation

- Climate system dynamics and feedbacks
- Global temperature rise and climate projections
- Carbon cycle and greenhouse gas emissions
- Climate modeling and scenario planning
- Designing climate-resilient future crops
- Abiotic/biotic stress management under climate change
- Climate impacts on pests, diseases, and management strategies
- Horticulture and veterinary science in a changing climate
- Green technologies for mitigation and sustainability
- AI, machine learning, and drones in climate research
- Technological and biological advances to adapt environmental stress
- Policies, planning, and global warming management
- Monitoring and managing environmental pollution and disasters
- Renewable energy: green energy, biofuels, waste-to-energy
- Healthcare, medical, and pharmaceutical approaches in a warming world

## Theme 2: Agriculture, Food Security, and Water Resources

- Climate-resilient crops, farming systems, and food security
- Droughts, floods, and shifting rainfall: impacts and management
- Water scarcity, contamination, and sustainable irrigation
- Sustainable forest and land resource management
- Precision agriculture and soil/water conservation innovations
- Organic farming and residue-free food production
- Integrated nutrient, weed, pest, and disease management
- Advancements in dairy science, animal husbandry, and allied sectors
- Traditional and herbal medicines with scientific support
- Innovations in sericulture, apiculture, fishery, mushroom, etc.
- Farmer income enhancement strategies
- Smart agriculture: ICT, ITK, IPR, and TOT
- Government policies for sustainable agriculture
- Hi-tech horticulture, food processing, and value addition
- Innovation in aquaculture and agricultural engineering
- Agri-marketing, exports, entrepreneurship, and agribusiness
- Post-harvest technologies and mechanization for profitability
- Agribusiness education, research, and extension

## Theme 3: Agroforestry, Natural Resource Management, and Environmental Security

- Ecosystem responses to climate change
- Biodiversity loss, species migration, ocean acidification
- Sea-level rise, glacier melt, and coastal erosion
- Forest degradation and desertification
- Agroforestry for climate adaptation and environmental conservation
- Innovations in agroforestry and sustainable development
- Natural resource conservation and sustainable utilization
- Remote sensing and GIS in agriculture and environment
- Regional planning for climate-smart development
- Bioremediation, renewable energy, and conservation practices
- IPR challenges in plant resource use

## Theme 4: Human-Animal Health and Well-being

- Vector-borne and emerging infectious diseases
- Respiratory disorders and heatwave impacts
- Food safety, nutrition, and mental health under stress
- Eco-alternatives for animal feed and plant protection
- Phytohormone regulation through natural products
- Carbon farming and regenerative agriculture technologies
- Ecosystem restoration and climate resilience through nature-based solutions
- Urban climate-resilient infrastructure and planning
- Community-driven adaptation models
- Renewable energy and green innovations: solar, wind, bioenergy
- Smart grids, energy storage, and green mobility
- Carbon capture, utilization, and storage (CCUS)
- Startup-driven sustainable innovations in crop and animal systems

## Theme 5: Socioeconomic, Cultural, and Historical Perspectives

- Historical climatology and climate variability
- Lessons from historical climate-related events
- Cultural interpretations of climate change
- Social vulnerability and adaptation strategies
- Socio-economic impacts and inequality under climate stress
- Environmental justice and equity concerns
- Policy frameworks for climate mitigation/adaptation
- Women empowerment and gender inclusion
- Community resilience and grassroots activism
- Economic growth, globalization, and sustainable tourism
- Conservation of traditional arts, crafts, and green fashion
- Green fashion: supply chain, sustainable alternatives, and gender roles
- Reuse, recycling, and sustainable fashion design
- Language, literature, and education in climate discourse
- Social change, cultural transitions, and historical insights

## Theme 6: Climate Communication, Education & Advocacy

- Climate literacy and education in schools/colleges
- Youth engagement and empowerment
- Media's influence on public climate awareness
- Community-based campaigns and participatory action
- Behavioral change strategies and climate activism

## Theme 7: Multidisciplinary Approaches and Innovations

- Library and Information Science in climate knowledge dissemination
- E-education, E-learning, and digital knowledge systems
- Innovations in English language learning and teaching
- Research and development for climate action
- Application of IT and digital tools in climate studies
- Cross-disciplinary collaboration and integrated modeling
- Collaborative research methodologies
- Platforms for interdisciplinary knowledge exchange
- Creative, inclusive, and innovative solutions for resilience

## Theme 8: Adaptation and Mitigation Strategies

- Ecosystem-based adaptation and restoration
- Circular economy, recycling, and waste reduction
- Climate-resilient urban infrastructure
- Community-led climate resilience and innovation

## Theme 9: Life Sciences, Biomedical Sciences, and Biotechnological Aspects

- Biodiversity, marine biology, and species conservation
- Molecular biology, biochemistry, genetic engineering, and bioinformatics
- Developments in botany, zoology, microbiology, and plant science
- Bio-nanotechnology, molecular diagnostics, and structural biology
- Disease studies: infectious, viral, and parasitic
- Reproductive and molecular biology in a changing climate
- Health, wellness, and antibiotic resistance
- Medicinal biotechnology and rural livelihood integration
- Oncology, biosynthesis, and metabolic studies
- Environmental engineering and hydrology intersections

## Congress Registration Form

<https://forms.gle/mn1maRgkY1bXTLL29>

## Award Nomination Form:

<https://tinyurl.com/25cd93xb>

## Sample Abstract /Extended Summary Format:

<https://tinyurl.com/2pd9e5u3>

## Congress Web page:

<https://agetds.com/download/>

## Congress Email Id:

[ccie2025kathmandu@gmail.com](mailto:ccie2025kathmandu@gmail.com)

## Congress Official WhatsApp group:

<https://chat.whatsapp.com/K7Tima8SEig5KoIvGFP>

Besides invited papers covering key issue, there will be oral and poster presentations. The full length selected research/review papers/articles/ Book Chapters will be publishing in the following as:

**(A) Conference Proceeding (ISBN): Full length article**

**(B) Reputed Journal (Regular/Special Issue):**

All selected papers will be published and it will take 8 to 12 month's times

**I. International Journal of Agricultural and Applied Sciences (IJAAS) (<https://agetds.com/ijaas/>)**

IJAAS is indexed in multiple bibliographic databases: CABI, ASCI, EBSCO, IP Indexing, Cite Factor, Google Scholar, Road, DOI, CrossMark, CrossRef, ResearchBib, IJIFactor

**Upcoming Indexing Goals: Scopus, Web of Science, NAAS, and DOAJ**

© **Edited Book with ISBN:** edited book published by an International publisher with ISBN as a book chapter and it will take 8 to 10 month's times

**Proposed Books Title**

- i. Conservation Agriculture and Smart Mechanization to Protect Natural Resources
- ii. Plant Defense Mechanisms Against Insect Herbivores
- iii. Precision Nutrient Management, Organic Farming and Bio-diversity Conservation
- iv. Innovative Extension Systems
- v. Last Mile Delivery of Agronomic Management Practices
- vi. Applied Perspective in Crop Protection
- vii. Innovations in Weed Management Science
- viii. The Role of Nanotechnology in Climate Smart Agriculture
- ix. Abiotic and Biotic Stress Management to Mitigate Climate Change Impacts

**Conference Presentation Awards**

- Best Oral Presentation Award (each technical session)
- Best Poster Presentation Award (each technical session)

**Note: No need to apply, these awards, It will decided by session chairman during conference**

Participants will submit extended summary of their research paper before the last date. The submitted Abstracts/ Papers/ Book chapters will be reviewed by CCIE 2025 SCREENING TEAM and based on the comments of the reviewers the Editor-in-chief/ Editorial board will take final decision for acceptance of the manuscript.

**Poster Presentation**

**Size: 24"x36" 1x1.2 m. Font Size: Title- 86pt, Authors- 50pt, Sub heading-36pt, Text-24 pt, Caption-18pt**

**Poster should be include- Title, Name, Address, Introduction, Materials and methods, Results and Conclusion.**

Delegates are requested to kindly send the soft copies of their Abstracts, full length paper/articles and book chapters for publishing with duly fill registration form by mail to:

[ccie2025kathmandu@gmail.com](mailto:ccie2025kathmandu@gmail.com), before **01.08.2025**.

## How to reach Kathmandu?

To reach Kathmandu, Nepal by flight from different countries, travelers must fly into Tribhuvan International Airport (TIA), the only international airport in Nepal, located about 01 km from the Venue, Central College.

Here's how to reach Kathmandu from various regions:

**From Different Countries/Regions**

**From India**

- Direct Flights from: Delhi, Mumbai, Kolkata, Bangalore, Varanasi, Lucknow, and Hyderabad.
- Airlines: IndiGo, Air India, Nepal Airlines, Buddha Air, Vistara, Himalaya Airlines.

**From Bangladesh**

- Direct flights from Dhaka to Kathmandu.
- Airlines: US-Bangla Airlines, Biman Bangladesh, Himalaya Airlines.

## Tips for Booking

- Book at least 2–3 months in advance for lower fares.
- For international delegates, Delhi, Doha, and Dubai are the most common transit hubs to Kathmandu.
- Tribhuvan Airport has visa-on-arrival for most nationalities (check [Nepal Immigration website for updates](#)).

## Note for Indian Citizens:

Indian nationals do not require a visa to enter Nepal. You can travel using either a valid Passport or a Voter ID card issued by the Election Commission of India. **Please note that Aadhaar Card is not valid for international travel to Nepal.**

**Nepal–India Border to Kathmandu – Domestic Flights**

Travelers entering Nepal through land borders can fly to Kathmandu from nearby airports such as Nepalgunj, Biratnagar, Janakpur, Bhairahawa, Simara, Bhadrapur, Surkhet, Dhangadhi, and Tumlingtar.

Buddha Air and Yeti Airlines operate regular domestic flights on these routes.

**Flight Duration:** 20–40 minutes

**Fare:** NPR 2700–4200 (approx.)

**Travel from India to Kathmandu (via Bus, Taxi, or Private Vehicle)**

You can reach Kathmandu from various Indian cities by AC Volvo, local buses, or private car/taxi via the Nepal border.

**From Delhi (DTC Dr. Bhim Rao Ambedkar Bus Stand):**

- Route – Delhi → Agra → Kanpur → Sonauli → Kathmandu
- Time: ~20 hours | Fare: ₹2300/-

## App for Local Travel in Kathmandu

For local travel within Kathmandu, you can use ride-hailing apps like:

- **inDrive** – Widely used and comfortable
- **Pathao** – Popular and economical option

Note: inDrive is generally considered more comfortable compared to Pathao.

Both apps offer taxi, bike, and car ride services and are available on Android & iOS.





## Congress Registration (CCIE-2025)

Registration Contribution (Before 03 August, 2025)  
On spot registration will be extra charges (Rs. 1000/- (20\$))

Participants Categories	Nepal, India including SAARCCountries (160 NPR=100 INR)		Other Countries(USD)		Article Processing Contribution	
	In person /Offline	Online/ Virtually	In person /Offline	Online/ Virtually	IJAAS	Book Chapters
Delegates/ Scientists/ RA/ SRF/ PDF/Academicians/Professionals	4000/-INR	2000/-INR	100 USD	50 USD	No APC	1500/- (INR) (20 USD)
Students (UG, PG, Ph.D.)	2500/-INR	1500/-INR	50 USD	20 USD		

**The congress will be held in Hybrid mode.**

- No any abstract will be published without registration in the Congress.
- Conference registration/Society contribution fee is non-refundable and registration contribution includes working tea, lunch and registration kit only.
- All right reserved, Publication Fee should be pay after acceptance only.
- **No guarantee of registration kit for on spot registration.**
- **Accommodation Details:**

Accommodation will be arranged for the participants in the hotels at Kathmandu valley near the conference venue on prior request and pre-payment basis as given below and no on-spot accommodation will be provided on conference days. Kindly confirm your accommodation on or before 20 July, 2025. Accommodation will be done only after receipt of advance payment. Hotel charges may be varies as per locality and facility available. We will not have any responsibilities related to the accommodations of the participants during the conference and it will be your own decision.

## Mode of Payment and Bank Details

Conference Registration Contribution can be paid by UPI/Cash/NEFT/IMPS/Net banking in favor of the following:



**7004942581**

UPI ID: entowajid-1@oksbi



Account Name: Agricultural & Environmental Technology Development Society

Bank Name:

Payable at:

A/C No:

IFS Code:

MICR Code:

<https://paypal.me/aetds>

## Attractions of Kathmandu



**Durbar square**



**Pashupatinath Temple**



**Boudhanath Stupa**



**Garden of Dreams**



**Nagarkot**



**Sundarijal**



**Thamel**



**Ranikot**



**Patan Durbar Square**

## AETDS Society Awards and Honors

- Life Time Achievement Award
- Fellow Award/ Eminent Scientist Award/ Distinguished Scientist Award/Outstanding Scientist Award
- Scientist of the Year Award/ Outstanding Achievement Award
- Best Research Project Award
- Best Veterinarian/ Horticulturist /Floriculturist/ Agronomist/ Entomologist/ Plant Pathologist/ Plant Breeder/ Soil and Water Conservationist Award
- Excellence in Extension Award/ Best Extension Scientist Award/ Best KVK Scientist Award
- Best Teacher/ Excellence in Teaching Award/ Excellence in Research Award/Best Academician Award/ Emerging Professor Award
- Best Woman Entrepreneur Award/ Woman of Excellence Award
- Best Research Scholar Award/ Innovative Young Researcher Award/ Young Agriculturist Award/ Young Scientist Associate Award/Young Achiever Award/ Young Professional Award
- Best Forest Ranger Award/ Best Forestry Research Award
- Environmental Protection Research Award/Award/ Environmentalist Award/ Best Ecologist Award
- Best Student of the Year Award (**Based on Excellent academic records in the past 2 Semester Exam**)
- Best Researcher Award/Best Faculty Award
- Young Entomologist/ Young Plant Pathologist/ Young Horticulturist/ Young Agronomist /Young Biologist/ Young Fisheries Scientist/ Young Biotechnologist Award/ Young Botanist/ Young Zoologist/ Young Microbiologist Award
- Young Scientist Award/ Young Women Scientist Award in Botany/ Zoology/ Life Science/ Biotechnology/ Biomedical Sciences/ Social Science and Humanities / Pharmaceutical/ Agriculture Science/Plant Pathology/ Fisheries Sciences/ Agriculture Extension/ Animal Science/ Horticulture/ Soil Science and Agricultural Chemistry/ Food Science/ Forestry/ Engineering and technology/
- Outstanding Master Thesis/ Best Dissertation Award/ Best Ph. D. Thesis Award
- **Global Scientist Award (Screening Based on Google Citation Score-minimum i10 is 10)**
- **Dr. V. P. Tyagi Memorial Award one Award in each category in the field of Agricultural Sciences (Research Scholar, Scientist)**
- Young/Best Entrepreneurship Award / Entrepreneur of the Year Award (**Scientific lab/Company owner, Manager, Trainer have great work**)

### •CCIE 2025 – Award Nomination Invitation

All interested delegates, researchers, academicians, students, and entrepreneurs are cordially invited to submit their nominations for the AETDS Awards 2025, to be conferred during the CCIE 2025 Congress.

### •Submission Details:

Please send a soft copy of your updated bio-data along with the filled Award Nomination Form to Email: [ccie2025kathmandu@gmail.com](mailto:ccie2025kathmandu@gmail.com)

•Last Date for Submission: 01 August, 2025

•Nomination Form Download: Available at the society's official website: <https://agetds.com/download>

•**Award Nomination Form:** <https://tinyurl.com/AwardCSTEh2024>

•**Conference Registration Form :** <https://tinyurl.com/registrationCSTEh2024>

**\*Note: Awards will be given on the basis of Academic Performance Indicators (API Score)**

**The society has the full right to deciding the number of awards.**

Award Nomination Contribution: ₹5,000 (INR) \$100 (USD) *This is exclusive of Conference Registration Contribution.*

### Important Notes:

Conference Registration is mandatory for award consideration.

Please do not pay the Award + Registration Contribution before receiving the Award Confirmation Email from the organizing committee.

Once your award is confirmed, payment instructions will be provided.

For queries, feel free to Contact the organizing team via the above email

**No TA & DA will be paid to participants/ Awardee by Organizer/ AETDS Society**

**Important Notes: For Thesis/ Dissertation Awards- Please do not send the entire soft copy of your thesis. Just send the abstract, summary, conclusion and link of any paper published out of the same. This measure is taken to ensure the confidentiality and integrity of your research work, protecting it from unauthorized use.**

### Weather of Kathmandu in September

- In September, Kathmandu. Daytime temperatures reach around 28°C (82°F), while nights cool to 18°C (64°F). Humidity remains high at 84%, creating a muggy atmosphere. Rainfall is still frequent, averaging 323 mm, with short but heavy showers, often in the late afternoon or evening. Despite the rain, the city enjoys around 4.1 hours of sunshine daily. Early September offers lush greenery and cooler evenings, making it a favorable time to visit.

## Advertisement and Sponsorship Publication Details

Advertisement details	
Ads Specification for souvenir	Fee (INR)
Front Cover Inside (Color)	50,000
Back Cover Inside (Color)	30,000
Full Page (Color)	25,000
Full Page (Black/ White)	15,000

Sponsorship Details	
Category	Fee (INR)
Platinum	1,50,000/-
Gold	1,00,000/-
Silver	75,000/-