Department of Computer Science & Application
Atal Bihari Vajpayee University, Bilaspur (C.G.)

CHHATTISGARH ARTIFICIAL INTELLIGENCE

A vision for AI Sensitization & Advancement

Concept By

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CHHATTISGARH ARTIFICIAL INTELLIGENCE (AI)
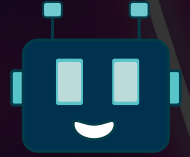A VISION FOR AI SENSITIZATION & ADVANCEMENT

Executive Summary

The Chhattisgarh Artificial Intelligence (AI) Initiative, led by the Department of Computer Science and Application at AtalBihari Vajpayee University, is a strategic vision aimed at sensitizing, educating, and advancing the field of AI in Chhattisgarh. Following are the Introduction, objectives, proposed activities, expected benefits and implementation for this initiative.

Introduction:

Artificial Intelligence is one of the most transformative technologies of our time, and its applications span various sectors, from healthcare to finance. Recognizing the importance of AI, the Department of Computer Science and Application at AtalBihari Vajpayee University proposes the establishment of the Chhattisgarh AI Initiative.

Objective:

The primary objective of the Chhattisgarh AI Initiative is to:

- ✓ Sensitize students, employees, teachers, and the community to the potential of AI.
- ✓ Organize AI sensitization workshops.
- ✓ Identify AI talent and professionals in Chhattisgarh.
- ✓ Promote AI-related Teaching-Learning, research, innovation, and startups.
- ✓ Foster global collaboration with AI companies.
- ✓ Create opportunities in AI.
- ✓ Support the Chhattisgarh government in building an AI ecosystem.
- ✓ Provide AI training to diverse community groups.

Expected Outcomes:

The Chhattisgarh AI Initiative is expected to yield the following benefits:

- Enhanced AI awareness and education in the state of Chhattisgarh.
- Advancement in AI research and innovation in the state of Chhattisgarh.
- Increased opportunities for students, professionals, and entrepreneurs in the state of Chhattisgarh
- Positioning Chhattisgarh as a hub for AI development and collaboration.

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Activity proposed:

To achieve the objectives, the following activities are proposed:

[1] Regular AI sensitization workshops

- Organize regular workshops to introduce AI concepts to a broad audience.
- Invite industry experts to speak on AI trends and applications.

[2] Identifying local AI talent and research opportunities.

- Establish connections with local AI companies.
- Collaborate with AI professionals from Chhattisgarh.
- Identify AI researchers in the state and promote their wo

[3] AI in Teaching-Learning

- Introduce AI courses in the curriculum.
- Encourage faculty to engage in AI research and teaching.
- Promote student projects related to AI.

[4] Establishing an incubation center for AI startups.

- Create an incubation center for AI startups.
- Provide mentorship and resources to AI entrepreneurs.
- Foster a culture of innovation and entrepreneurship in the AI domain.

[5] Creating partnerships with global AI companies.

- Establish partnerships with leading AI companies globally.
- Facilitate faculty and student exchange programs with renowned AI institutions.

[6] Recommending AI policy and infrastructure development to the state government. If required.

- Provide recommendations and support to the state government in AI policy and infrastructure development.
- Assist in setting up AI research centers and labs.

[7] Developing AI training programs for various community groups.

- Develop AI training programs for various community groups.
- Ensure inclusivity in AI education to bridge the digital divide.

Conclusion

The Chhattisgarh AI Initiative is poised to make significant strides in advancing AI knowledge and applications within Chhattisgarh. By sensitizing the community, fostering research and innovation, and creating opportunities in AI, we aim to contribute to the growth and development of our state and the nation at large.

We invite stakeholders, partners, and the academic community to join us in this transformative journey toward a brighter future powered by Artificial Intelligence.

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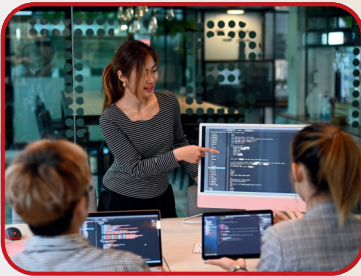A VISION FOR AI SENSITIZATION & ADVANCEMENT

Chhattisgarh's AI initiative by the department is inspired by the broader vision of IndiaAI, represents a forward-looking approach that aims to position the state as a hub for AI innovation and sustainable development. The collaborative efforts of the government, academia, industry, and the public play a pivotal role in shaping the future of AI in Chhattisgarh.

Proposed Activity

[1] Research and Development:

- Established collaborations with leading academic institutions, research organizations, and industry partners to promote cutting-edge AI research.

- Focuses on addressing region-specific challenges and leveraging AI technologies for the benefit of the state's economy and society.

[2] Skill Development:

- Recognizing the critical role of a skilled workforce in AI adoption.

- Provide professionals, entrepreneurs with the necessary knowledge and skills in AI, ensuring that the state has a workforce capable of driving AI innovations.

[3] Startup Ecosystem:

- Conducive ecosystem for AI startups.

- mentorship programs, and streamlined regulatory processes to encourage the growth of AI-driven ventures within the state.