

**KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF GEOGRAPHY**

**ORGANIZED
ONE-DAY WORKSHOP**

ON

" APPLICATIONS OF ARTIFICIAL INTELLIGENCE IN HIGHER EDUCATION"

Date: 13-04-2026

Venue: BCA Auditorium



KARNATAK UNIVERSITY'S
KARNATAK SCIENCE COLLEGE, DHARWAD
DEPARTMENT OF GEOGRAPHY
ORGANIZES
ONE-DAY WORKSHOP ON



Chief Guest : Prof. A.M. KHAN
Hon'ble Vice- Chancellor, Karnatak University, Dharwad

President : Prof. (Smt.) M. S. Salunke
Principal, Karnatak Science College, Dharwad

Resource persons : Dr. Rohit Kaliwal
Assistant Professor
Dept. of Computer Science and Engineering
Visvesvaraya Technological University, Belagavi

: Dr. Bharati K.
Associate Professor
Dept. of Computer Science and Engineering
Visvesvaraya Technological University, Belagavi

Presence : Prof. L. T. Nayak
Head, Department of Geography
Karnatak Science College, Dharwad

: Dr. M. L. Uppar
Chairman, Dr.C.D.Deshpande Geography study circle,
Karnatak Science College, Dharwad



Date: 13-04-2026 Time: 10.30 am
Venue: BCA Auditorium

All are cordially invited



Flip Over

PROGRAMME SCHEDULE

SESSION I (10.30 AM-11.30 AM) : Inauguration of the workshop by
: Prof. A. M. KHAN
Hon'ble Vice- Chancellor
Karnatak University, Dharwad

SESSION II (11.30AM-1.00 PM) : Expert Speaker
: Dr. Rohit Kaliwal
Assistant Professor, Dept. of CSE
VTU Belagavi
Topic : Fundamentals of Artificial Intelligence (AI)
Session Chairperson : Prof. Blaise Lobo
Dept. of Physics
Karnatak Science College, Dharwad
Co-Chairperson : Prof. S. S. Motebennur
Dept. of Geography
Karnatak Science College, Dharwad

LUNCH BREAK (1.00 PM-1.30 PM)

SESSION III (1.30 PM-3.00 PM) : Expert Speaker
: Dr. Bharati K.
Associate Professor, Dept. of CSE
VTU Belagavi
Topic : Introduction to Generative (AI)
Session chairperson : Prof. M. N. Megeri
Dept. of Statistics
Karnatak Science College, Dharwad
Co- Chairperson : Prof. V. B. Saviramath
Dept. of Geography
Karnatak Science College, Dharwad

SESSION IV (3.00 PM – 4.30 PM): Expert Speaker
: Dr. Rohit Kaliwal
Topic : Real Time Application (Project)
Session Chairperson : Prof. Nagaraj S.
Dept. of BCA
Karnatak Science College, Dharwad
Co- Chairperson : Prof. G. N. Kummur
Dept. of Geography
Karnatak Science College, Dharwad

Valedictory 4.30 PM onwards

A BRIEF REPROT OF THE WORKSHOP

The Department of Geography organized one-day workshop on “ Applications of Artificial Intelligence in Higher Education.” Prof. A. M. Khan, Hon’ ble Vice-Chancellor, Karnatak University, Dharwad, was the Chief Guest and inaugurated the workshop at 10:30 AM, along with other dignitaries on the dais.

In his inaugural address, Prof. Khan stated that AI has become an integral part of our daily lives; therefore, it is the need of the hour for all of us to understand, use, and develop skills in this technology. He emphasized that AI technology complements the vision of Viksit Bharat. It is widely used in decision-making, particularly in teaching – learning processes and problem-solving.

He further noted that technological advancements have evolved from the introduction of biometric devices to the current prominence of AI. One of the most significant contributions of AI in higher education is in personalized learning, administrative efficiency, and research and innovation. However, while using AI, we must also be mindful of its challenges. Issues related to data privacy, ethical considerations, the digital divide, and the need for skill development cannot be ignored.

Prof. Santosh Deshpande, Department of Computer Science and Engineering, Visvesvaraya Technological University, Belagavi, delivered the keynote address. Prof. Deshpande emphasized that technology will play a decisive role in the future and has evolved stage by stage; now, Artificial Intelligence has advanced considerably. Nowadays, mobile phones are equipped with around 33 sensors and are used by almost everyone; therefore, learning the usage and operational skills of AI is essential.

Prof. L. T. Nayak, Head and Convener of the workshop, Department of Geography, Karnatak Science College, Dharwad, welcomed all the dignitaries on and off the dais. He delivered a formal address, stating that Artificial Intelligence is being utilized in the fields of teaching, learning, and research in higher education; therefore, this workshop was organized for the students and staff of the college. He further highlighted that such workshops provide an excellent platform to explore the practical applications of AI, share knowledge, and develop

necessary skills. He requested all the participants to actively engage in the sessions, ask questions, and make the most of this opportunity. He also emphasized that learning is most effective when it is interactive and participatory.

Prof. (Smt.) M. S. Salunke, Principal, Karnatak Science College, Dharwad, presided over the function. Prof. Salunke remarked that the entire world is now in the orbit of AI; therefore, students should use AI in an appropriate and responsible manner. She advised that one should not rely solely on AI and should instead nurture creativity. She further noted that, upon reviewing students' home assignments, she observed that many had downloaded the given topic material from ChatGPT, resulting in almost identical content across submissions. She emphasized that this is not appropriate and added that, along with the use of AI, students must incorporate their own creative ideas.

Dr. M. L. Uppar, Teaching Assistant, Department of Geography, Karnatak Science College, Dharwad, proposed the vote of thanks. The resource persons, namely Dr. Rohit Kaliwal, Assistant Professor, and Dr. Bharathi K., Associate Professor, Department of Computer Science and Engineering, Visvesvaraya Technological University, Belagavi, were present in the inaugural session.

Kum. Kousalya and Kum. Trupti Jha compered the programme. Prof. Blaise Lobo, Prof. M. N. Megeri, Prof. Kiran Kolkar, Prof. S. S. Motebennur, Prof. V. B. Saviramath, Prof. G. N. Kummur, Dr. D. S. Narayakar, and Dr. K. M. Hombal were part of the inaugural function.

A total of 210 students participated in the inaugural function.

The entire workshop was scheduled in four sessions. The first session comprised the inauguration of the workshop. After the inaugural session, tea was arranged for the participants, followed by the remaining sessions in which the resource persons delivered their lectures.

SESSION II: FUNDAMENTALS OF ARTIFICIAL INTELLIGENCE:By Dr. Rohit Kaliwal

For this session, Prof. Blaise Lobo, Head, Department of Physics, Karnatak Science College, Dharwad, served as the Chairperson, and Prof. S. S. Motebennur, Department of Geography, Karnatak Science College, Dharwad, was the Co-chairperson.

Dr. Rohit Kaliwal, Assistant Professor, Department of Computer Science and Engineering, Visvesvaraya Technological University, Belagavi, delivered a lecture on the “ Fundamentals of Artificial Intelligence.” He defined AI and explained how it has developed through

various disciplines such as Mathematics, Computer Science, Psychology, Biology, and Philosophy, making it an interdisciplinary field. He highlighted key aspects including the history of AI, AI agents, structure of agents, agents and environment, nature of the environment, problem-solving agents, components of a problem-solving agent, and searching for solutions in AI. He also emphasized how this technology is utilized in various fields such as medicine, education, transportation, finance, healthcare, entertainment, customer service, and manufacturing.

After the completion of the session, it was opened for discussion, where the Chairperson and Co-chairperson conducted the interaction. Many students actively participated, raised questions to the resource person, and clarified their doubts. The session concluded with a vote of thanks to the resource person by Prof. Blaise Lobo. Soon after the completion of this session, a short lunch break was observed from 1:00 PM to 1:30 PM.

LUNCH BREAK FROM 1:00 PM to 1:30 PM

SESSION III: INTRODUCTION TO GENERATIVE (AI) By Dr. Barathi K. Bharati K., Associate Professor, Department of Computer Science and Engineering, Visvesvaraya Technological University, Belagavi, was the resource person for Session III. She delivered a lecture on the introduction to Generative AI. She explained that Generative AI can generate text, images, audio, video, and even code based on patterns learned from large datasets. She emphasized key features such as content creation, learning from data, creativity simulation, and interactive systems. She also highlighted popular Generative AI models, namely ChatGPT, DALL·E, Midjourney, and Stable Diffusion. Furthermore, she discussed the major applications of Generative AI in the fields of education, healthcare, business, entertainment, and research. Finally, she concluded her lecture by addressing the limitations and challenges of Generative AI.

Prof. M. N. Megeri, Department of Statistics, Karnatak Science College, Dharwad, and Prof. V. B. Saviramath, Department of Geography, Karnatak Science College, Dharwad, served as the Chairperson and Co-Chairperson of this session, respectively. Soon after the resource person's talk, the session was opened for discussion. The Chairperson and several students raised questions, which were answered by the resource person. The session was highly fruitful.

SESSION IV: REAL TIME APPLICATION (PROJECT) By Dr. Rohit Kaliwal and M.Tech students.

This was the last session of the workshop, chaired and co-chaired by Dr. Nagaraj S., Department of BCA, Karnatak Science College, Dharwad, and Prof. G. N. Kummur. Dr. Rohit Kaliwal, along with two M.Tech students, conducted hands-on training for the participants using their mobile phones. The training team demonstrated the procedures for operating AI tools, and all the participants followed the instructions and learned how to use them effectively.

In fact, this was one of the most important sessions for the learners. A majority of the students and other participants developed projects during this session, and almost all the participants expressed satisfaction with the workshop, as it is the need of the hour.

After the completion of the last session of the workshop at 5:00 PM, a valedictory function was arranged. Dr. Bharati K. was the Chief Guest, and Prof. M. S. Salunke, Principal, Karnatak Science College, Dharwad presided over the function. The participants shared their feedback on the workshop, and Prof. L. T. Nayak, Convener of the workshop, proposed the vote of thanks. Finally, the workshop concluded with the National Anthem.





Dignitaries on and off the dais performing Nadageete



Prof. L. T. Nayak, Convener of the workshop, welcomed the dignitaries and delivered a formal speech.



Prof. A. M. Khan, Hon' ble Vice-Chancellor, Karnatak University, Dharwad, along with other dignitaries, inaugurating the one-day workshop by lighting the lamp.



A view of Prof. A. M. Khan, Hon' ble Vice-Chancellor, Karnatak University, delivering the inaugural speech



Dr. D. S. Narayankar offered a bouquet to the Chief Guest of the function, Prof. A. M. Khan.



Students of Karnatak Science College welcomed the staff by offering flowers



Prof. Santosh Deshpande, Department of Computer Science and Engineering, Visvesvaraya Technological University, delivered the keynote address.



Prof. Blaise Lobo, Department of Physics, K. S. College, summarized the session



Prof. M. N. Megeri, Department of Statistics, K. S. College, briefly summarized the lecture delivered by the resource person, Dr. Bharati K.



Dr. Nagaraj S. proposed a vote of thanks to the resource person, Dr. Rohit Kaliwal, and his research students after the completion of the hands-on training (project). Prof. G. N. H. Kummure, Co-Chairperson of the session, was also present on the occasion.