

**Government College of engineering
Kalahandi, Bhawanipatna, Kalahandi,
766003**



Summer Internship-2026

On

**“Applications of Machine Learning in
IoT, Cloud Computing, and Data
Science”**

Organized by

Department of Computer Science & Engineering,
8th June 2026 to 7th July 2026

Faculty Coordinators:

1. Dr. Gopal Behera
2. Dr. Dillip Ranjan Nayak
3. Dr. Rajendra Prasad Nayak
4. Dr. Ashok Kumar Bhoi

For any queries, reach us using:

cseinternship@gcekbpatna.ac.in

About GCE, Kalahandi:

Government College of Engineering, Kalahandi (GCEK), established in 2009, is a premier state government engineering institute located in Bhawanipatna, Odisha. The institute is affiliated with Biju Patnaik University of Technology (BPUT), Rourkela, and approved by the All India Council for Technical Education (AICTE), New Delhi. GCEK is committed to excellence in technical education, research, and innovation. The college offers undergraduate (B.Tech) and postgraduate (M.Tech) programs in various engineering disciplines. With a strong emphasis on academic rigor and industry-relevant skills, GCEK equips students with knowledge in emerging areas

such as Artificial Intelligence (AI), IoT, Cloud Computing, and Data Science, preparing them for future-ready careers and interdisciplinary research.

About Department of CSE:

The Department of Computer Science & Engineering was established in 2009 to address the growing technological needs of the Western Odisha region. It offers an undergraduate program affiliated with Biju Patnaik University of Technology (BPUT), Rourkela. The department equips students with both breadth and depth of knowledge across various computing disciplines, preparing them for successful careers in industry as well as academia. The current intake capacity for the program is 60 students.

About Internship:

The **Summer Internship** on “**Applications of Machine Learning in IoT, Cloud Computing, and Data Science**” is designed to provide participants with both theoretical knowledge and practical exposure to modern intelligent systems. The program will introduce key Machine Learning techniques and their real-world applications in domains such as smart IoT systems, cloud-based analytics, healthcare, finance, and cybersecurity. Through expert talks, hands-on sessions, and project-based learning, participants will develop essential skills for data-driven innovation and emerging technology careers.

Eligibility Criteria:

Students currently pursuing **B.Tech (1st to 3rd year), BBA, BCA, B.Sc., M.Sc.**, or other related programs with an interest in computer science, research, or project development are eligible to apply.

Selection Criteria:

Selection will be based on a **first-come, first-served basis**, subject to a maximum of **50 participants**. Internship certificates will be awarded upon **successful completion** of the program, based on active participation and satisfactory performance.

How to Apply:

Participants must complete the online registration by submitting the form via the link before **7th June 2026**, after paying the registration fee. Physical registration will be available on **8th June 2026**, subject to seat availability.

Link: <https://forms.gle/FZutMDn16CfxzrCH9>

Bank Details:

Name: Department of Computer Sc & Engg., Government College of Engineering Kalahandi
Account No.: 1134102000004169
IFSC Code: IBKL0001134

Accommodation & Food:

Hostel accommodation will be provided to outside participants on request at an additional charge of **₹500**, excluding food charges. For students of our college who are already residing in the hostel, accommodation will be provided **free of cost**. Mess (food) facilities will be available in the hostel on payment of **₹3750**.

Fee Details:

- **Total fee for outside participants (Registration + Mess + Accommodation):** ₹5250 (1000 + 3750 + 500)
- **Total fee for our college students (Registration + Mess):** ₹4750 (1000 + 3750)
- **Total fee for participants not requiring mess and accommodation:** ₹1000

Week Wise Course Plan:

Week 1:

- Introduction to machine learning
- Difference between Artificial Intelligence and Machine Learning
- Basics of Neural Networks
- Challenges of Machine Learning

Week 2:

- Introduction to IoT
- Applications of IoT
- Challenges of IoT
- ML in IoT

Week 3:

- Cloud Computing and its evolution.
- Types and Services of Cloud Computing
- Underlying technologies in Cloud Computing
- Major Cloud Service Providers in Cloud (AWS, Google, Salesforce.com, Aneka Cloud)

Week 4:

- Applications
- Presentation
- Evaluation and Certificate Distribution