# Board Members

# Program Schedule

## DAY-1 (11th March)

| Time | Event |
|---|---|
| 10.30am | Inaugural Session by Patron |
| 11.30am | High Tea |
| 11.45am | Session-I (Dr. S.K. Das), Keynote Speaker |
| 12.00pm | Session-I (Er. Smit Shah), Speaker |
| 1.30pm | Lunch |
| 2.30pm | Session-II, Hands on Experience (Er. S. Shah & Members) |
| 4.45pm | High Tea |
| 5.00pm | Cultural event |

## DAY-2 (12th March)

| Time | Event |
|---|---|
| 10.30am | Guest Introduction |
| 11.00am | High Tea |
| 11.30am | Session-III (Sri S.R. Patra) Keynote Speaker. |
| 11.45am | Session-III (Er. D. D Behera) Speaker |
| 1.30 pm | Lunch |
| 2.30pm | Session-IV, Hands on Experience (Er. D.D. Behera & members) |
| 4.30pm | Valedictory Session & Certificate distribution |
| 5.00pm | Vote of Thanks by Coordinator |



**CONTACT DETAILS**

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**B.J.B AUTONOMOUS COLLEGE**
**Bhubaneswar**

**DEPARTMENT Of Electronics & Telecommunication**

*Organizes*

**Two-Days National Workshop On**

**"Artificial Intelligence with Machine Learning & Embedded Robotics"**

**11th and 12th March, 2024**

## ABOUT THE COLLEGE

The Buxi Jagabandhu Bidyadhar Autonomous College, stands as a distinguished Premier Government Educational Institution in Odisha since 1957 with NAAC Accrediation as "A'. The college is named after the great freedom fighter Buxi Jagabandhu Bidyadhar Bhramarabara Ray Mahapatra, Puri. The Institution is marked up as the leading Autonomous College and is affiliated to Utkal University, Vani Vihar known for its commendable history of delivering excellence in education across a spectrum of disciplines in various fields through high quality of education.

## ABOUT THE DEPARTMENT

The Department of Integrated Master of Science in Electronics and Telecommunications (IMSc.ETC), which became a part of this celebrated institution in the year 2007.Department aims to produce Electronics & communication professionals to lead a successful career in industry/corporate/Govt. organization & pursue higher studies or entrepreneurial endeavors. Graduates of the department are versatile, adoptable and possess analytical capabilities to offer techno-commercially and socially acceptable solutions to real life problems in the field of electronics & Telecommunication. To be recognized by the society at large as an excellent department, we offer quality education with deep focus in various areas of research.

## ABOUT THE WORKSHOP

The objective of the workshop on AI with ML & Embedded Robotics is to provide participants with hands-on experience & theoretical knowledge in these cutting-edge technologies. The objectives include fostering practical skills in AI & ML applications, enhancing understanding of embedded system in robotics and promoting innovations by integrating these fields.

Ultimately the workshop aims to empower participants to apply AI & ML techniques in embedded systems for creating advanced robotics solutions. Don't miss this opportunity to expand your knowledge and expertise in these rapidly evolving fields.

### DELEGATES



**Dr. S.K. Das**
(Keynote Speaker)
Dy. Director, World Skill Centre



**Er. Smit Shah**
(Speaker: Day-1)
Synergetics India Pvt. Ltd. Mumbai



**Sri S.R. Patra**
(Keynote Speaker)
Adl. Director, STPI



**Er. D.D. Behera**
(Speaker: Day-2) CEO, SPK-MAK, STPI



**Prof. (Dr.) Itishree Padhi**
Patron



**Prof. Jhumki Rath**
Convener

## Content Includes

### Day-1 (AI & ML)
- Introduction to AI & ML & its types.
- Supervised & unsupervised ML.
- Building ML with code & without code.
- Azure Machine Learning.
- Understanding generative AI & its uses.

### Day-2 (Embedded Robotics)
- Basic concept of embedded system.
- Microcontroller Vs. Microprocessor
- Application of Embedded system in Robo.
- Introduction to Arduino IDE.
- Maze solving Robot/Line following Robot.

### Registration Fee:
**For All Participants-500/-**
Participation certificate will be provided for attendees. Refreshments will be provided.
**For Registration, Scan the QR Code.**



## AI & ML with Embedded Robotics