

# Ramdeobaba University (RBU), Nagpur (M.S.) India

## School of Computer Science and Engineering

### Short-Term Training Program on Artificial Intelligence on Public Cloud Platform

Date: (9 - 13 December 2024)

<https://rbunagpur.in/>

Mode of Program: **Online** (All sessions from Industry Experts)



# RBU

RAMDEOBABA UNIVERSITY, NAGPUR  
Formerly Shri Ramdeobaba College of Engineering & Management (RCOEM) Est. 1984

#### About Program:

The course is designed to provide knowledge of AI and Generative AI on Cloud with fundamental knowledge of deep learning and emerging research areas with an emphasis on generative modeling for computer vision applications. The purpose is to equip teachers of higher and technical education with the skill set required to train students on emerging artificial intelligence (AI) with hands-on experience in training and building their own AI models for different applications

#### Objectives:

- Develop a Fundamental Understanding of Cloud Environments for AI
- Master Fundamental AI and Machine Learning Concepts for Cloud Implementation
- Explore Core Public Cloud AI Services for Diverse Workloads
- Understand Features and Applications of Computer Vision, NLP, and Generative AI on Cloud

#### Outcome:

- Fundamentals of Cloud Computing, AI and Generative AI on Cloud.
- Opportunities to connect with experts in the field.
- Instructor-led rigorous hands-on sessions with online (live streaming) sessions.
- Certificate on successful completion with full access to the course material.

#### Course Contents: (Theory followed by Practical Session)

- i) Introduction to Cloud Environment and Public Cloud Platforms
- ii) Creating an account in Public Cloud Platforms
- iii) Fundamental AI concepts and Machine Learning
- iv) Machine Learning Services in Cloud
- v) Computer Vision Services in Cloud
- vi) Copilot, Azure OpenAI services in Cloud
- vii) Creating a Chat Bot
- viii) Artificial Intelligence workloads and considerations
- ix) Features of computer vision workloads on Cloud
- x) Features of NLP and Generative AI workloads on Cloud

#### Patron:

- Dr. Rajesh Pande, Hon. Vice Chancellor, RBU
- Dr. Manoj Chandak, Principal, RCOEM

#### Director and Deputy Director:

- Dr. Urmila Shrawankar, Professor & Director School of CSE
- Dr. Padma Adane, Associate Prof, Deputy Director School of CSE

#### Head of Departments:

- Dr. Preeti Voditel, Department of CSE&ET, RBU
- Dr. Suresh Balpande, Department of ITS, RBU

#### Coordinators :

- Dr. Urmila Shrawankar, Professor & Director School of CSE
- Dr. Purshottam Assudani, Asst Professor, School of CSE

#### Important Dates :

Last Date for Registration: **November 26, 2024**

#### Ramdeobaba University:

##### About RBU:

Ramdeobaba University (RBU) Nagpur (MS), India is a self-financed University which was formerly known as RCOEM and was established in 1984. RBU Nagpur comprised of multiple Schools and five Center of Excellence.

##### About School of Computer Science and Engineering:

School of Computer Science and Engineering at RBU Nagpur (MS), India stands as a beacon of excellence in the field of CSE, IT, and Computer Science & Applications. Our School also encompass emerging disciplines such as AI, ML, Data Science, and Cyber Security, making us a leader in innovative education and research.

#### Resource Person:

All sessions will be conducted by resource persons from reputed IT-industries, focusing on both academic and research perspectives.

#### Registration and payment link:

Registration Link (First come first serve basis)

👉 ALL PARTICIPANTS EXCEPT RCOEM/RBU STUDENTS:  
[https://rcoem.in/anon\\_evForm.htm?ev=216](https://rcoem.in/anon_evForm.htm?ev=216)

👉 Registration Link only for RCOEM/RBU Students :  
<https://forms.gle/bcZhnaEoWQAFn5sw7>

#### Registration Charges:

Industry Person	Rs. 1500/-
Academician/ Part time Ph.D. Research Scholar	Rs. 1000/-
Full time Ph.D. Research Scholar	Rs. 800/-
PG Students	Rs. 600/-
UG/Diploma Students	Rs. 500/-
Faculty (RCOEM/RBU)	Rs. 500/-
PG/UG Students (RCOEM/RBU)	Nil

#### Target Participants:

Industry Professionals/ Assistant Professors/ Associate Professors/ Ph.D. Scholar's/ PG Students/ UG Students

#### Certificate:

A test will be conducted at the end of the program, and certificates will be issued only to participants who have attended the program and successfully passed the test.

#### Team Members:

- Jaya Nanwani, Asst Professor, School of CSE
- Kishor Peshwani, Asst Professor, School of CSE
- Pallavi Meshram, Asst Professor, School of CSE
- Poonam Meghare, Asst Professor, School of CSE

Contact us: Jaya Nanwani [✉ nanwanijg@rknec.edu](mailto:nanwanijg@rknec.edu) ☎ 09096082411  
Kishor Peshwani [✉ peshwanikr@rknec.edu](mailto:peshwanikr@rknec.edu) ☎ 09922601641

#### Connect with us:

<https://rbunagpur.in/Academics/SCSE/SchoolsInfo.aspx>

[✉ directorcse@rbunagpur.in](mailto:directorcse@rbunagpur.in)

