SANT GADGE BABA AMRAVATI UNIVERSITY

Organizes

AICTE (ATAL) Academy Sponsored

One-week Faculty Development Program

on

Recent Advancement in Artificial Intelligence

July 12 - 16, 2021 Online mode

UGC – Human Resource Development Centre
Sant Gadge Baba Amravati University

Tapovan Road, Amravati 444602 (MS)

www.ascsgbau.ac.in

ABOUT SGBAU

Sant Gadge Baba Amravati University was established on Maharashtra Day, the 1st May, 1983 to cater mostly the educational needs of rural population of western Vidarbha with the vision of creating a human resource capable of converting challenges into opportunities through imparting training to youth in various aspects of skill development for all dimensions of higher teaching-learning process towards making of the learners; the ideal citizens, the academic leaders and the global entrepreneurs to represent the Leader India in the 21st Century. The University pays special attention towards educational up-liftment of the backward and the downtrodden.

The university has its jurisdiction within five districts of Vidarbha viz. Amravati, Akola, Yavatmal, Buldana and Washim. By now, this sapling has grown into a gigantic tree having about 4 lacs students. It is noteworthy to state that the University has a lush green campus of 447 acres with 29 Teaching Departments, a conducted Model Degree College at Buldana and nine Faculties satisfying the knowledge appetite of the students. The University has been re-accredited (3rd Cycle) by NAAC in 2016 with "A" grade (CGPA 3.07).

ABOUT HRDC

UGC - Human Resource Development Centre (formally Academic Staff College) is of the premier institution of Vidarbha region for the up-gradation of knowledge and skills of higher educational faculties, researchers, students & other key functionaries in HIEs which is established in SGBAU by the University Grants Commission, New Delhi in 2009 (XIth plan) with the aim to build higher managerial capability in existing higher education leaders & administrators and to draw fresh talent into the management of higher education system. This centre is committed to the creation of self – reliant centre of excellence that improve professional competence of the teachers in higher education system and to update & upgrade the knowledge of the teachers and to train them in the latest process, methodologies and techniques of teaching. In today's global era, the teacher in the centre of entire higher education system and they play a crucial role for developing the society. The HRDC is single and most efficient instrument which provides opportunities to the teachers for their professional development.

ABOUT PROGRAMME

AI technology is important because it enables human capabilities of understanding, reasoning, planning, communication and perception to be undertaken by software increasingly effectively, efficiently and at low cost. Artificial Intelligence makes our lives more efficient every day. AI powers many programs and services that help us do everyday things such as connecting with friends, using an email program or using a ride-share service & save time and money by automating and optimising routine processes and tasks. Make faster business decisions based on outputs from cognitive technologies. Artificial intelligence is impacting the future of virtually every industry and every human being. Artificial intelligence has acted as the main driver of emerging technologies like big data, robotics and IoT, and it will continue to act as a technological innovator for the foreseeable. The aims this FDP to provide technological interventions to become even more entangled into our daily existence, workplaces and society.

The programme will be conducted in live mode and includes some activity based hands on sessions. Participants are expected to complete all assignments, test & feedback within stipulated time which may need dedicated efforts and would require a laptop or desktop computer. For effective & smooth communication there will be a Whats App/Telegram Group.

PROGRAMME DETAILS

CONTENTS

- Introduction to Artificial Intelligence
- Introduction to Machine learning
- Deep Learning
- Fuzzy Logic System
- Data Science
- Search Algorithms
- Robotics
- Reinforcement Learning
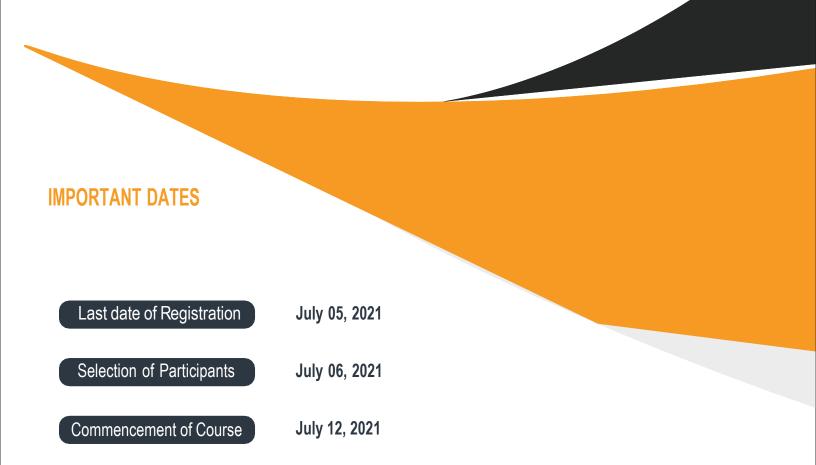- Scope, Future & Applications of Artificial Intelligence

ASSESSMENT

- Assignments
- Activity Based Hands on Training Sessions
- Report/Content Writing
- Final Test
- Feedback

WHO CAN APPLY

The programme is multi-disciplinary and interested faculty members of the AICTE approved institutions, Research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.)/School Teachers and staff of host institutions etc. are eligible to participate. Registration is free.

ELIGIBILITY TO GET CERTIFICATE

The certificates shall be issued to those participants who are registered on ATAL portal (www.aicte-india.org/atal) and attend the program with minimum 80% attendance and score minimum 60% marks in the final test as well as completed all the other assignments & feedback.

IMPORTANT DATES

Last date of Registration	July 05, 2021
Selection of Participants	July 06, 2021
Commencement of Course	July 12, 2021

- Contact Details -

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