Sister Nibedita Government General Degree College for Girls
Hastings House, Alipore, Kolkata-27

Notice

Notice No: SNGGDCG/122   **Date: 12/07/2024**

The classes of SEC-2 (Artificial Intelligence) for B.Sc.(Semester-2, academic session 2023-24) have started from 9th July, 2024 (Tuesday) at room no: G1 as per Notice no; SNGGDCG/119 dated 08/07/2024. In continuation of that notice students are hereby requested to attend the classes as per below mentioned schedule.

SEC 02 - AI : Marks: 50 + 50 (Credit-2+2)

Sl. No.	Subject Theme	Name of Teacher	Dates of Classes
(I)	**Unit-1: Introduction to Artificial Intelligence**	Dr. Bholanath Pakhira	09.07.24 and 16.07.24
	• Definition and scope of AI • Historical overview and key milestones • Differentiating AI from human intelligence		
(II)	**Unit-2: AI Subfields and Technologies**	Smt. Debdatta Chakraborty (Roy) Dr. Angana Chakraborty	15.07.24, 03.08.24 and 05.08.24
	• Machine learning: Supervised, unsupervised, and reinforcement learning • Deep learning and neural networks • Natural language processing (NLP) and computer vision		
(III)	**Unit-3: : Applications of AI**	Dr. Soumita Kundu and Dr. Subhajyoti Pal	20.07.24, 22.07.24 and 23.07.24
	• AI in healthcare: Diagnosis, treatment, and medical imaging • AI in finance: Fraud detection, algorithmic trading, and risk assessment • AI in transportation: Autonomous vehicles and traffic optimization • AI in customer service and chatbots • AI in education: Personalized learning and intelligent tutoring systems		
(IV)	**Unit-4: Ethical and Social Implications of AI**	Mr. Anish Darnal	27.07.24, 29.07.24 and 30.07.24
	• Bias and fairness in AI systems • Privacy and data protection concerns • Impact of AI on employment and the workforce • AI and social inequality		
(V)	**Unit-5: Other Important Issues**	Dr. SK Jahiruddin	06.08.24, 10.08.24 and 12.08.24
	• Ethical guidelines and responsible AI practices • AI and Innovation • Emerging trends and future directions in AI • AI and creativity: Generative models and artistic applications		
	Term Paper		13.08.24 till end of semester

Sd /-
Dr. Sebanti Bhattacharya
Officer-in-Charge
Sister Nibedita Government General Degree College for Girls