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Sanjay Gandhi Post Graduate Institute of Medical Sciences

Value added Certification Course
on
Artificial intelligence Made Easy (VAC 017)

Duration : 30 Hours
Timing : 1.00PM to 5.00 P.M.
1.6.2019 to 8.6.2019
Venue : SS Agarwal Auditorium, SGPGI

Organising Secretary :
Dr Sujeet Gautam
Department of Anaesthesiology
SGPGI, Lucknow

Course Objectives: Artificial Intelligence (AI) is an approach through which any gadget like a computer, a robot, or a product can be made to think in a manner how a smart human thinks. AI is a study of how human brain thinks, learns, decide and then work, when it encounters problems. And finally, this study outputs intelligent software systems.

The aim of AI is to improve computer functions which are related to human knowledge, for example, reasoning, learning, and problem-solving.

The intelligence is intangible. It is composed of
  a) Reasoning
  b) Learning
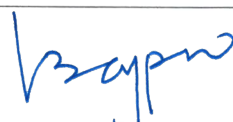 c) Problem Solving
  d) Perception
  e) Linguistic Intelligence

The objectives of AI research are reasoning, knowledge representation, planning, learning, natural language processing, realization, and ability to move and manipulate objects. There are long-term goals in the general intelligence sector.

Course Outcomes:

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1. Understanding AI Fundamentals: Developing a solid understanding of the fundamental concepts and principles of artificial intelligence, including machine learning, neural networks, and natural language processing.

2. Practical Implementation Skills: Gaining hands-on experience in implementing AI algorithms and techniques. Ability to write code in a programming language (such as Python) and its application in solving real-world problems using AI methods.

3. Ethical and Social Awareness: Exploring the ethical considerations and societal impacts of artificial intelligence. Examining topics such as fairness, transparency, accountability, and privacy in AI systems, and develop an understanding of the potential social implications of AI.

4. Critical Thinking and Evaluation: Development of the ability to critically evaluate AI systems and algorithms. Learning to assess the strengths and limitations of different approaches, analyze data, and make informed judgments about the effectiveness and reliability of AI models.

5. Project Development: Undertaking a work on a project that involves implementing AI techniques to solve a specific problem. Through this project, they will enhance their problem-solving skills, gain practical experience, and demonstrate their understanding of AI concepts and applications.

S.No.	Topics	
1	Introduction to AI (1/6/2019)	4 hours
2	Introduction to Python programming (2/6/2019)	4 hours
3	Data Science Using Python (3/6/2019)	4 hours
4	Data Preprocessing Techniques (4/6/2019)	4 hours
5	Machine Learning Techniques(5/6/2019)	4 hours
6	Supervised Learning (Classification, Regression) (6/6/2019)	4 hours
7	Unsupervised Learning (Clustering) (7/6/2019)	4 hours
8	Text Analytics (8/6/2019)	4 hours

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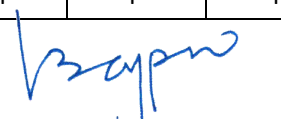## on
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S.No	Name of the student	Program	List of enrolled students and Attendance							
			1.6.19	2.6.19	3.6.19	4.6.19	5.6.19	6.6.19	7.6.19	8.6.19
1	Dr. Sandeepan Saha	DM	P	P	P	P	P	A	P	P
2	Dr. V R Srivats	DM	P	P	P	P	P	P	P	P
3	Manmeet Pratap Singh	SR HS	P	P	P	P	P	P	P	P
4	Pankaj Gaur	M.Ch	P	P	P	P	P	P	P	P
5	RAHUL SONI	M.Ch	P	P	P	P	P	P	P	P
6	Aanchal Dixit	PDCC	P	P	P	P	P	P	P	P
7	KESHAV KUMAR GARG	M.D.	P	P	P	A	P	P	P	P
8	PALLAVI HORO	PDCC	P	P	P	A	P	P	P	P
9	Ushkiran Kaur	M.D.	P	A	P	P	P	P	A	P
10	Chandan Singh Rathaur	SR HS	P	P	P	P	P	P	P	P
11	VIJAY SUNDARSINGH	D.M.	P	P	P	P	P	A	P	P
12	Goonj Johri	M.Ch	P	P	P	P	P	P	P	P
13	Keerthana Anand	PDCC	P	P	P	P	P	P	P	P
14	Manupriya	PDCC	P	P	P	P	P	P	P	P
15	Nidhi Singh	SR HS	P	P	P	A	P	P	P	P
16	Anupkumar Prakash Rawool	D.M.	P	P	P	A	P	P	P	P
17	Aradhana Dwivedi	D.M.	P	A	P	P	P	P	P	P
18	Ruchika tahilyani	SR HS	P	P	P	P	P	P	P	P
19	Dr Sneha Gupta	SR HS	P	P	P	P	P	P	P	P
20	Amit shukla	PDCC	P	P	P	P	P	P	P	P

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21	Shahaji panjabrao jadhav	D.M.	P	P	P	A	P	P	P	P
22	Anmol Singh Rai	D.M.	P	P	P	A	P	P	P	P
23	Sumit Kumar	D.M.	P	A	P	P	P	P	P	P
24	Dr Vivek Kumar Saini	M.D.	P	P	P	P	P	P	P	P
25	Piyush Mishra	DM	P	P	P	P	P	P	P	P
26	S. Rakesh Kumar	DM	P	P	P	A	P	P	P	P
27	Sugata Narayan Biswas	DM	P	P	P	A	P	P	P	P
28	Thakur Prashant Singh	DM	P	A	P	P	P	P	P	P
29	Gopinathan M	DM	P	P	P	P	P	P	P	P
30	Nihar S. Desai	DM	P	P	P	P	P	P	P	P
31	Pandharipande Archit Sunil	DM	P	P	P	P	P	P	P	P
32	A. Haseena	DM	P	P	P	A	P	P	P	P
33	Soumya Srivastava	DM	P	P	P	A	P	P	P	P
34	Abhijeet Roy	DM	P	A	P	P	P	P	P	P
35	Harkirat Kaur	DM	P	P	P	P	P	P	P	P
36	Abdullah	DM	P	P	P	P	P	P	P	P
37	Basavaraj S.	DM	P	P	P	A	P	P	P	P
38	Durgesh Kr. Pushkar	DM	P	P	P	A	P	P	P	P
39	Harshita Sharma	DM	P	A	P	P	P	P	P	P
40	Jeyakumar Meyyappan	DM	P	P	P	P	P	P	P	P
41	Veeranki Vamsidhar	DM	P	P	P	P	P	P	P	P
42	Abhishek	DM	P	P	P	P	P	P	P	P
43	Animesh Gupta	DM	P	P	P	A	P	P	P	P
44	Ankit Gupta	DM	P	P	P	A	P	P	P	P
45	Ashish Kr. Rai	DM	P	A	P	P	P	P	P	P
46	Gutti Nagendra Babu	DM	P	P	P	P	P	P	P	P
47	Jadhav Mahesh Suresh	DM	P	P	P	A	P	P	P	P
48	Arghya Samanta	DM	P	P	P	A	P	P	P	P
49	Srinivas Srinidhi	DM	P	P	P	P	P	P	P	P
50	Dileep Ramesh Hoysal	MCh	P	P	P	A	P	P	P	P
51	Farheen Khan	MCh	P	P	P	A	P	P	P	P
52	Shalikh Moidu	MCh	P	A	P	P	P	P	P	P
53	Sushobhan Pradhan	MCh	P	P	P	P	P	P	P	P
54	Aanchal Datta	MCh	P	P	P	P	P	P	P	P
55	Guramritpal Singh	MCh	P	P	P	P	P	P	P	P
56	Raiyani Vandan Bhagvanjibhai	MCh	P	P	P	A	P	P	P	P

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57	Soumen Kanjilal	MCh	P	P	P	A	P	P	P	P
58	Vikas Kr. Dwivedi	MCh	P	A	P	P	P	P	P	P
59	Alister J. Victor	MCh	P	P	P	P	P	P	P	P
60	Chandan Chatterjee	MCh	P	P	P	P	P	P	P	P
61	Dasari Mukteshwar	MCh	P	P	P	P	P	P	P	P
62	Gogireddy Narendra Teja	MCh	P	P	P	A	P	P	P	P
63	Gurana Krishna Rao	MCh	P	P	P	A	P	P	P	P
64	Kiran Nath AV	MCh	P	A	P	P	P	P	P	P
65	Ravindra Budhwani	MCh	P	P	P	P	P	P	P	P
66	Vijay Kr. Sharma	MCh	P	P	P	A	P	P	P	P
67	Vipin Kumar Sharma	MCh	P	P	P	A	P	P	P	P
68	Yashvardhan Sinha	MCh	P	A	P	P	P	P	P	P
69	Abhishek Pathak	MCh	P	P	P	P	P	P	P	P
70	Madhur Anand	MCh	P	P	P	P	P	P	P	P
71	Puneeth Kr. K M	MCh	P	P	P	A	P	P	P	P
72	Tamboli Zain Iqbal	MCh	P	P	P	A	P	P	P	P
73	ashutosh kumar verma	MD	P	A	P	P	P	P	P	P
74	Nayab Farzana	MD	P	P	P	P	P	P	P	P
75	Nitin gupta	MD	P	P	P	P	P	P	P	P
76	Shruti Somani	MD	P	P	P	P	P	P	P	P
77	Brijesh Kumar Yadav	MD	P	P	P	A	P	P	P	P
78	Pallavi Rani	MD	P	P	P	A	P	P	P	P
79	Juhi Sisodia	MD	P	A	P	P	P	P	P	P
80	Romya Singh	MD	P	P	P	P	P	P	P	P
81	Man Mohan Singh	MD	P	P	P	P	P	P	P	P
82	Vipin kumar	MD	P	P	P	P	P	P	P	P
83	Elgiva Khristie Iangngap	MD	P	P	P	A	P	P	P	P
84	Ipra Singh	MD	P	P	P	A	P	P	P	P
85	Mohd Irfan	MD	P	A	P	P	P	P	P	P
86	V.Shilpa	MD	P	P	P	P	P	P	P	P
87	Avinash D Gautam	MD	P	P	P	A	P	P	P	P
88	Kaushik. P	MD	P	P	P	A	P	P	P	P
89	Kushal K. Bhatkal	MD	P	P	P	P	P	P	P	P
90	Lal Prabhakar Singh	MD	P	P	P	A	P	P	P	P
91	Nitin Kumar	MD	P	P	P	A	P	P	P	P
92	Saurabh Pandey	MD	P	A	P	P	P	P	P	P

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DEPARTMENT OF ANAESTHESIOLOGY

Sanjay Gandhi Institute of Medical Sciences

This is to certify that

AMIT SHUKLA

has successfully completed the value added certification course

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ARTIFICIAL INTELLIGENCE MADE EASY

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SUJEET GAUTAM

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ARADHANA DWIVEDI

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SUDEEP GAUTAM

Lt Col Varun Bajpai VS
Executive Registrar
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आत्मना सर्गो जित:

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SUJEET GAUTAM

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