

S. No	CCE ID	GIAN Course Title	International Faculty	Host Faculty	Department	Duraron of the Course	No. of Weeks	No.of Participants
1	CCE/GIAN/01/SS/ME/19-20	Models Of Walking And Running: Human Gait And Robot Locomotion	Prof. James Schmiedeler, University of Notre Dame United States of America	Prof. Sujatha Srinivasan	Mechanical Engineering	22-27 July, 2019	1	45
2	CCE/GIAN/02/RN/OE/19-20	Petrophysical Measurements Of Conventional And Unconventional Reservoir Rocks	Prof. Douglas R Schmitt, University of Alberta Canada	Prof. Rajesh Nair	Ocean Engineering	07-11 October, 2019	1	33
3	CCE/GIAN/03/SN/ME/19-20	Free Boundary Problems In Mechanics	Prof. Stephane Pierre Alain Bordas, Université du Luxembourg Luxembourg	Prof. Sundararajan Natarajan	Mechanical Engineering	23-31 October, 2019	2	7
4	CCE/GIAN/04/SMSN/CE/19-20	Urban Air Pollution, Human Exposure Assessment And Public Policy	Prof. Peter Orris, University of Illinois Hospital and Health Sciences System United States of America	Prof. S.M. Shiva Nagendra	Civil Engineering	07-17 October, 2019	2	42

5	CCE/GIAN/05/AVR/CE/19-20	Design And Construction Of Sustainable Concrete Pavements	Prof. Neeraj Buch, Michigan State University United States of America	Prof. A. Veeraragavan	Civil Engineering	09-13 December, 2019	1	51
6	CCE/GIAN/06/RN/OE/19-20	Introduction To Geo-Engineering Applications In Conventional And Unconventional Hydrocarbon Reservoirs	Prof. Vamegh Rasouli, University of North Dakota United States of America	Prof. Rajesh Nair	Ocean Engineering	11-15 November, 2019	1	17
7	CCE/GIAN/07/VS/OE/19-20	Design Of Coastal Structures Including Extreme Events	Prof. Holger Schuettrumpf, RWTH Aachen University Germany	Prof. V. Sriram	Ocean Engineering	14-18 October, 2019	1	42
8	CCE/GIAN/08/RAB/ME/19-20	Mechanics Of Mechanical Metamaterials	Prof. Changqing Chen, Tsinghua University China	Prof. Ratna Kumar Annabattula	Mechanical Engineering	18-22 November, 2019	1	13
9	CCE/GIAN/09/MPM/ME/19-20	Efficient Heat Transfer Utilizing Liquid/Vapor Phase Change	Prof. Manfred Groll, Formerly at University of Stuttgart, Germany	Prof. M.P. Maiya	Mechanical Engineering	09-21 December, 2019	2	40

10	CCE/GIAN/10/MA/MME/19-20	Advanced Welding Processes And Metallurgy	Prof. John Norrish, University of Wollongong Australia	Prof. Murugaiyan Amirthalingam	Metallurgical and Materials Engineering	09-13 December, 2019	1	39
11	CCE/GIAN/11/MA/MME/19-20	Fusion Welding Processes And Methodologies	Prof. Ian Malcom Richardson, Delft University of Technology Netherlands (Holland, Europe)	Prof. Murugaiyan Amirthalingam	Metallurgical and Materials Engineering	16-21 December, 2019	1	43
12	CCE/GIAN/12/TT/CE/19-20	Mechanics Of Unsaturated Soils	Prof. Sai K Vanapalli, University of Ottawa Canada	Prof. T. Thyagaraj	Civil Engineering	10-20 December, 2019	2	44