

**GIAN COURSES APPROVED/CONDUCTED**

Sl. No.	Course Title	Institute Faculty	Foreign Expert
1	Inverse problems in fuzzy approximation spaces with applications in computer vision	Prof. S.P. Tiwari	Prof. Irina Perfilieva, Czech Republic
2	Insight into Fuzzy Modeling: Reasoning in Fuzzy Natural Logic and its Applications	Prof. S.P. Tiwari	Prof. Vilem Novak, Czech Republic
3	Security of e-Systems and Networks	Prof. Sachin Tripathi	Prof. Mohammad S. Obaidat, Fordham University, USA
4	Derivative Pricing	Prof. Gajendra Kr. Vishwakarma	Prof Kailash C Patidar, , South Africa
5	Rock Mechanics : Modern Advances and Challenges for the 21st Century	Prof. Radhakanta Koner	Prof. Giovanni Grasselli, Canada
6	Geoinformatics and Geocomputational Modeling for Water Resources Engineering and Environmental Science	Prof. Srinivas Pasupuleti	Prof. Venkatesh Uddameril, Texas Tech University, Lubbock, Texas,, USA
7	Option Pricing: A Computational Framework	Prof. Gajendra Kr. Vishwakarma	Prof. Kailash C Patidar, , South Africa
8	Global Seismology	Prof. Mohit Agarwal	Prof. Derek Schutt, , United States of America
9	Treatment and Valorization of industrial wastes	Prof. Sarat Kumar Das	Prof. Claudio Cameselle, , Spain
10	Hybrid Micro and Nano Machining Processes	Prof. Ashis Mallick	Prof. Muhammad Pervej, Miami University, USA

**SPARC APPROVED/CONDUCTED**

Sl. No.	Title	Institute/Indian Faculty	Foreign Faculty
1	Geoenvironmental And Geotechnical Issues Of Coal Mine Over Burden	Prof. Sarat Kr. Das, Prof. Lohitkumar Nainegali /Prof. Hanumantha B Rao, IIT Bhubaneswar	Prof. Krishna R Reddy, University of Illinois, Prof. Joseph W Schulenberg, University of Illinois
2	Nonlinear vibrations and instability analysis of composite structural elements through advanced shear-deformation theories and homogenization based damage model	Prof. Sarat Kr. Das, Prof. Tanish Dey, Prof. Sukanta Chakraborty /Prof. L.S. Ramachandra, IIT Kharagpur	Prof. Marco Amabili, McGILL University, Prof. Mathias Legrand, McGILL University

**VAJRA APPROVED**

Sl. No.	Awardee	Institute Faculty	Foreign Faculty
1	Use of induced polarization to discriminate ore bodies in the subsurface of the Earth	Prof. Shalivahan	Prof Andre Revil, CNRS, France

**DOU- India Fellowship Programme**

Sl. NO	Institute Faculty	Destination Institute	Partner Awardee
1	Prof. Bobby Antony	University of Kent	Mr. Nigel John Mason
2	Prof. Pawan Kumar Singh	University of Lisbon	Mr. S M Sohel Murshed
3	Prof. Sekhar Chandra Dutta	The University of Manchester	Mr. Parthasarathi Mandal
4	Prof. Aditya Kumar	Christian-Albrechts-Universitat Zu Kiel	Mr. Mikhail Zheludkevich
5	Prof. Subrata Ghosh	Vienna University of Technology	Mr. Carsten Gachot
6	Prof. Biswajit Paul	The University of Sheffield	Ms. Sonal Choudhary
7	Prof. V.M.S.R. Murthy	Politecnico Di Torino	Ms. Marilena Cardu
8	Prof. Sarat Kumar Das	University College London	Ms. Maria López Querol

**Shastri Research Student Fellowship (SRSF)-Post Doctoral**

<b>Sl. No.</b>	<b>Awardee</b>	<b>Title</b>	<b>Foreign Faculty</b>
1	Dr. Pratichi Singh, Environmental Science & Engineering	Development of Catalyst-Reductant System to Control NOx emissions from Lean Burn Engines	Prof. Xu Zhang, Cape Breton University, Canada
2	Dr. Ahmad Nawaz, Environmental Science &	Design and fabrication of hybridized	Prof. Hadis Zarrin, Ryerson University, Canada

**DUO-INDIA Students 2020**

<b>Sl. No.</b>	<b>Awardee/Indian Guide</b>	<b>Host Institute/Foreign Faculty</b>	<b>Exchange student</b>
1	Mr. Susanta Banerjee/Prof. Sanket Nayak	Politecnico Di Milano, Italy/ Prof. Sreekant Das, University of Windsor Canada	Mr. Nicola Grillanda