



# Centre for Continuing Education

(CCE-Proficiency Programme)

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## LIST OF COURSRs FOR THE TERM JANUARY – MAY 2019

Sl. No.	Name of the Course	Credit	Faculty	Department
1.	Innovative Product Development and Design Methods (Mon)	2+0	Dr. J E Diwakar (Retd.) & Prof. P. Achutha Rao (Retd.)	CPDM & NID R&D Campus
2.	Project Management (Mon)	2+0	Dr. S Dasappa & Prof. TVP Chowdry	CGPL & CST
3.	Basics of Nanoscience and Nanotechnology (Mon-Wed)	3+0	Dr. Sanjeev Kumar Shrivastava	CeNSE
4.	Commercializing Intellectual Property (IP) (Tue)	2+0	Dr. R N Narahari & Dr. Vijay Mishra	CeNSE
5.	Foundations of Internet of Things (Tue)	2+0	Dr. Vijay Mishra	CeNSE
6.	Design Thinking and Innovation (Tue)	2+0	Dr. J E Diwakar (Retd.) & Prof. P. Achutha Rao (Retd.)	CPDM & NID R&D Campus
7.	Analysis and Design of Composite Structures (Tue)	2+0	Dr. G Narayana Naik	AE
8.	Mathematical Models and Algorithms for Image Processing & Computer Vision (Sat)	3+0	Dr. Kunal Narayan Choudhury	EE
9.	Business Analytics with Management Science Models and Methods (Tue-Thur)	3+0	Dr. M Mathirajan	MS
10.	Embedded System on ARM Platform (Wed)	2+0	Mr. Hareesh Dagale	DESE
11.	Vibration and Noise: Theory and Practice (Wed)	2+0	Dr. S B Kandagal	AE
12.	Introduction To Numerical Grid Generation & Fluid Flow Computations (Wed)	2+0	Dr. P S Kulkarni	AE
13.	Internet of Things: Sensors to Cyber Systems (Thur)	2+0	Dr. Vijay Mishra	CeNSE
14.	Modern Techniques in Materials Characterization (Thur)	2+0	Dr. Suresha S J	CeNSE
15.	Deep Learning: Theory and Practice (Thur)	2+0	Dr. Sriram Ganapathy	EE
16.	Online Course on Deep Learning: Theory and Practice (Thur)	2+L	Dr. Sriram Ganapathy	EE
17.	Product Prototyping in IoT (Thur)	2+0	Dr. Vijay Mishra & Mr Ganesh Shankar	CeNSE & Founder & MD Flux Gen Engg. Tech Pvt. Ltd. B'luru.
18.	Structural Analysis and Design Optimization: Theory and Practice (Fri)	2+0	Dr. S B Kandagal	AE
19.	Basics of Finite Element Analysis (Fri)	2+0	Dr. R Vidhyasagar	Civil Engineering
20.	Basics of Data Analytics (Sat)	2+0	Dr. Gopal Krishna Sharma, Dr. Badarinath Ambati & Prof. M Sekhar	Fiserv India Ltd., Altair Engineering, & Civil Engg.
21.	Online Course on Basics of Data Analytics (Sat)	2+L	Dr. Gopal Krishna Sharma, Dr. Badarinath Ambati & Prof. M Sekhar	Fiserv India Ltd., Altair Engineering, & Civil Engg.
22.	Nonlinear Finite Element Method (Sat)	2+0	Prof. P C Pandey (Retd.) IISc.	Distinguished Prof. Gitam Univ.
23.	IPR Management (Sat)	2+0	Dr. R N Narahari	CeNSE
24.	Introduction to Industrial Design (Sat)	3+0	Dr. J E Diwakar, (Retd.) Prof. P. Achutha Rao, (Retd.) & Prof. TVP Chowdry	CPDM, NID R&D Campus & CST
25.	Reinforcement Learning (Sat)	3+0	Shalabh Bhatnagar	CSA
26.	DSP-Algorithms, Architecture and Applications (Sat)	2+0	Mr. M Krishna Kumar (Retd.)	DESE
27.	Smart Design Methods and Processes in Automotive Industry (Sat)	3+0	Prof. Anindya Deb & Mr. Kalyan Kumar K V	CPDM & Founder & Director Abhiyantara Technologies
28.	Computational Machine Learning (Sat)	3+C	Mrs. Anandi Giridharan & Vijay Kumar B P	ECE & MSRIT
29.	Basic Concepts of Finite Element Method (Sat)	2+0	Prof. P C Pandey (Retd.) IISc.	Distinguished Prof. Gitam Univ.
30.	Basics of Machine Learning (Sat)	2+0	Dr. Gopal Krishna Sharma, Dr. Badarinath Ambati & Prof. M Sekhar	Fiserv India Ltd., Altair Engineering, & Civil Engg.
31.	Power System Protection	2+0	Dr. Sarasij Das	EE
32.	Principles and Applications in Genetic Engineering (Sat)	2+0	Dr. N Ravi Sundaresan	MCB
33.	Biopharmaceutical Technology and Drug Development	2+0	Dr. N Ravi Sundaresan	MCB