



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC - AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to JNTUA, Anantapuramu

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Details of Swayam NPTEL-AICTE Faculty Development Programme Academic Year (2020 – 2021)

S.No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
1	Sep – Nov 2020	Dr. Sunku Sreedhar	Physics	Laser: Fundamentals and Applications	08 Weeks	Full FDP of One Week
2	Sep – Oct 2020	Dr. Sodom Bali Reddy	Civil Engineering	Geosynthetics Testing Laboratory	04 Weeks	$\frac{1}{2}$ FDP of One Week
3	Sep – Oct 2020	Dr. Remashan Kariyadan	Electronics and Communication Engineering	Fundamentals of Electronic Device Fabrication	04 Weeks	$\frac{1}{2}$ FDP of One Week
4	Sep – Oct 2020	Dr. Aurobinda Bag	Electrical and Electronics Engineering	Stress Management	04 Weeks	$\frac{1}{2}$ FDP of One Week
5	Sep – Oct 2020	Dr. Muralidhar Pantula	Computer Science and Engineering	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
6	Sep – Nov 2020	Dr. A Selvaganapathi	Chemistry	Metals in Biology	08 Weeks	Full FDP of One Week

S.No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
7	Sep – Nov 2020	Dr. Senthil kumaar J S	Mechanical Engineering	Data Science for Engineers	08 Weeks	Full FDP of One Week
8	Sep – Oct 2020	Dr. Jitendra Bahadur	Electronics and Communication Engineering	Structural Analysis of Nanomaterials	04 Weeks	$\frac{1}{2}$ FDP of One Week
9	Sep -	Dr. Chilkhe Ganesh Nagorao	English	Technical English for Engineers	08 Weeks	Full FDP of One Week
10	Sep - Dec 2020	Dr. Chakradhar Bandapalli	Mechanical Engineering	Advanced Materials and Processes	12 weeks	$1\frac{1}{2}$ FDP
11	Sep – Nov 2020	Dr. Bibhuti Bhusan Pradhan	Electronics and Communication Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
12	Sep - Dec 2020	Dr. Remashan Kariyadan	Electronics and Communication Engineering	Semiconductor Devices and Circuits	12 weeks	$1\frac{1}{2}$ FDP
13	Sep - Dec 2020	Dr. Sharwan Ram	Electronics and Communication Engineering	Digital Image Processing	12 weeks	$1\frac{1}{2}$ FDP
14	Sep – Nov 2020	Dr. Muralidhar Singh M	Mechanical Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
15	Sep – Nov 2020	Dr. Satrugan Kumar	Electronics and Communication Engineering	Essential Mathematics for Machine Learning	08 Weeks	Full FDP of One Week
16	Sep - Dec 2020	Dr. Debabrata Saha	Electronics and Communication Engineering	Semiconductor Optoelectronics	12 weeks	$1\frac{1}{2}$ FDP

S.No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
17	Sep - Dec 2020	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Artificial Intelligence Search Methods For Problem Solving	12 weeks	1 $\frac{1}{2}$ FDP
18	Sep - Dec 2020	Dr. P Ramanathan	Electronics and Communication Engineering	Switching Circuits and Logic Design	12 weeks	1 $\frac{1}{2}$ FDP
19	Sep – Nov 2020	Mr. Sambhudutta Nanda	Electronics and Communication Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
20	Sep – Nov 2020	Mr. N Shyamsundar	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
21	Sep – Nov 2020	Dr. P Sivaiah	Mechanical Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
22	Sep – Nov 2020	Dr. Sudarshan Swain	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
23	Sep – Nov 2020	Mr. Thiruneelakandan A	Computer Science and Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
24	Sep – Nov 2020	Dr. Uday Krishna Ravella	Mechanical Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
25	Sep – Nov 2020	Dr. Vanapalli Shanker Nath	Mechanical Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
26	Sep - Dec 2020	Ms. Shaik Ayesha Tanveer	Electronics and Communication Engineering	Introduction to Wireless and Cellular Communications	12 weeks	1 $\frac{1}{2}$ FDP

S.No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
27	Sep – Nov 2020	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Data Science for Engineers	08 Weeks	Full FDP of One Week
28	Sep – Nov 2020	Ms. Akshatha S	Electronics and Communication Engineering	Developing Soft Skills and Personality	08 Weeks	Full FDP of One Week
29	Sep – Nov 2020	Dr. K Sathesh	Electronics and Communication Engineering	Developing Soft Skills and Personality	08 Weeks	Full FDP of One Week
30	Sep – Nov 2020	Mr. N Sridhar	Electrical and Electronics Engineering	Developing Soft Skills and Personality	08 Weeks	Full FDP of One Week
31	Sep - Dec 2020	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Introduction to Machine Learning	12 weeks	1 $\frac{1}{2}$ FDP
32	Sep – Nov 2020	Mr. Navaneethkrishnan	Electronics and Communication Engineering	Developing Soft Skills and Personality	08 Weeks	Full FDP of One Week
33	Jan -Feb 2021	Anitha Kandukuri	Civil Engineering	Electronic Waste Management - Issues and Challenges	04 Weeks	$\frac{1}{2}$ FDP of One Week
34	Jan -Feb 2021	Dr Mahesh G B	Civil Engineering	Electronic Waste Management - Issues and Challenges	04 Weeks	$\frac{1}{2}$ FDP of One Week
35	Jan -March 2021	P Ramanathan	Electronics and Communication Engineering	Embedded System Design with ARM	08 Weeks	Full FDP of One Week
36	Jan -March 2021	Dr Veeraiyah Thangasamy	Electronics and Communication Engineering	Embedded System Design with ARM	08 Weeks	Full FDP of One Week

37	Jan -March 2021	Vinod Kumar	computer science Engineering	Introduction to Soft Computing	08 Weeks	Full FDP of One Week
38	Jan -Feb 2021	VELMANI RAMASAMY	Electronics and Communication Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
39	Jan -Feb 2021	VELMANI RAMASAMY	Electronics and Communication Engineering	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
40	Jan -Feb 2021	A MANIMARAN	Computer Applications	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
41	Jan -Feb 2021	V L Pavani	Computer Applications	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
42	Jan -Feb 2021	SIVARAJ C	Computer Applications	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
43	Jan -Feb 2021	Mainak Ganguly	Chemistry	Bioinorganic Chemistry	04 Weeks	$\frac{1}{2}$ FDP of One Week
44	Jan -Feb 2021	RAHUL PAL	Chemistry	Bioinorganic Chemistry	04 Weeks	$\frac{1}{2}$ FDP of One Week
45	Jan -March 2021	Lokendra Pratap Singh	Chemistry	Chemistry - II	08 Weeks	Full FDP of One Week
46	Jan -Feb 2021	Pradosh Ranjan Sahoo	Electronics and Communication Engineering	Nonlinear and Adaptive Control	04 Weeks	$\frac{1}{2}$ FDP of One Week
47	Jan -Feb 2021	SANKATA BHANJAN PRUSTY	Electronics and Communication Engineering	Nonlinear and Adaptive Control	04 Weeks	$\frac{1}{2}$ FDP of One Week
48	Jan -Feb 2021	Aurobinda Bag	Electrical and Electronics Engineering	Effective Engineering Teaching In Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week
49	Jan -Feb 2021	Arapirala Venkata Pavan Kumar	Electrical and Electronics Engineering	Effective Engineering Teaching In Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week

50	Jan -Feb 2021	Sudarshan Swain	Electrical and Electronics Engineering	Effective Engineering Teaching In Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week
51	Jan -March 2021	JAGADEESH BABU BELLAM	Physics	Roadmap for patent creation	08 Weeks	Full FDP of One Week
52	Jan -March 2021	Dr Arulkumar K	Electrical and Electronics Engineering	Soft Skill Development	08 Weeks	Full FDP of One Week
53	Jan -March 2021	SENDHIL R	computer science Engineering	Soft Skill Development	08 Weeks	Full FDP of One Week
54	Jan -Feb 2021	Dr Sodom Bali Reddy	Civil Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
55	Jan -March 2021	Remashan Kariyadan	Electronics and Communication Engineering	Fundamentals Of Electronic Materials and Devices	08 Weeks	Full FDP of One Week
56	Jan -March 2021	Virendra Kumar Verma	Physics	Materials Science and Engineering	08 Weeks	Full FDP of One Week

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Academic Year (2019 – 2020)

S.No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
1	Jul – Sep 2019	Dr. Sankata Bhanjan Prusty	Electronics and Communication Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	08 Weeks	Full FDP of One Week
2	Jul – Aug 2019	Dr. Debashish Dash	Electronics and Communication Engineering	Fundamentals of Electronic Device Fabrication	04 Weeks	$\frac{1}{2}$ FDP of One Week
3	Jul – Sep 2019	Dr. Vinod Kumar	Computer Applications	Introduction to Machine Learning-IIT Kharagpur	08 Weeks	Full FDP of One Week
4	Jul – Aug 2019	Dr. Jitendra Bahadur	Electronics and Communication Engineering	Selection Of Nanomaterials for Energy Harvesting And Storage Application	04 Weeks	$\frac{1}{2}$ FDP of One Week
5	Jul – Sep 2019	Dr. S Victor Vedanayakam	Physics	Solar Photovoltaics Fundamentals, Technology And Applications	08 Weeks	Full FDP of One Week
S.No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP

6	Jul – Aug 2019	Dr. Siva Shankar Ramasamy	Computer Applications	Sustainable and Affordable Sanitation Solutions For Small Towns: Policy, Planning and Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week
7	Jul – Aug 2019	Dr. Shanker Nath Vanapalli	Mechanical Engineering	Stress Management	04 Weeks	$\frac{1}{2}$ FDP of One Week
8	Jul – Sep 2019	Dr. K. Lakshmi Devi	English	Technical English for Engineers	08 Weeks	Full FDP of One Week
9	Jul – Sep 2019	Dr. Ilampoornan M K	Electrical and Electronics Engineering	Decision Making Using Financial Accounting	08 Weeks	Full FDP of One Week
10	Jul – Sep 2019	Dr. Satrugan Kumar	Electronics and Communication Engineering	Introduction to Machine Learning - IIT Kharagpur	08 Weeks	Full FDP of One Week
11	Jul – Aug 2019	Dr. B Prashanth Kumar	Electronics and Communication Engineering	Fundamentals of Electronic Device Fabrication	04 Weeks	$\frac{1}{2}$ FDP of One Week
12	Jul – Sep 2019	Dr.S.Shanmuga Priya	English	Technical English for Engineers	08 Weeks	Full FDP of One Week
13	Jul – Aug 2019	Dr. P Ramanathan	Electronics and Communication Engineering	C Programming and Assembly Language	04 Weeks	$\frac{1}{2}$ FDP of One Week
14	Jul – Sep 2019	Dr. P Ramanathan	Electronics and Communication Engineering	Advanced Computer Architecture	08 Weeks	Full FDP of One Week
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15	Jul – Sep 2019	Prasanna S	Management Studies	Marketing Management-I	08 Weeks	Full FDP of One Week
16	Jul – Sep 2019	Dr. K. S. Krishna	Management Studies	Marketing Management-I	08 Weeks	Full FDP of One Week
17	Jul – Sep 2019	Dr. Vasamsetti Priyadarshini	Management Studies	Marketing Management-I	08 Weeks	Full FDP of One Week
18	Jul – Sep 2019	Dr. Vaigundamoorthi	Electrical and Electronics Engineering	Fundamentals of Electric Drives	08 Weeks	Full FDP of One Week
19	Jul – Sep 2019	Dr. Arulkumar K	Electrical and Electronics Engineering	Fundamentals of Electric Drives	08 Weeks	Full FDP of One Week
20	Jul – Sep 2019	Dr. G. Mahendar	Management Studies	Marketing Management-I	08 Weeks	Full FDP of One Week
21	Jul – Sep 2019	Dr. Md. Gulzar Ull Hasan	Mathematics	Data Science for Engineers	08 Weeks	Full FDP of One Week
22	Jul – Sep 2019	Dr. Md. Gulzar Ull Hasan	Mathematics	Business Analytics & Text Mining Modeling Using Python	08 Weeks	Full FDP of One Week
23	Jul – Aug 2019	Dr. Sudheerkumar Yantrapalli	Civil Engineering	Geotechnical Engineering Laboratory	04 Weeks	$\frac{1}{2}$ FDP of One Week
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24	Jul – Sep 2019	Dr. M. Chandra Sekhar	Physics	Solar Photovoltaics Fundamentals, Technology And Applications	08 Weeks	Full FDP of One Week
25	Jul – Sep 2019	Dr. Swapneel Jaiswal	Civil Engineering	Development Research Methods	08 Weeks	Full FDP of One Week
26	Jul – Sep 2019	Dr. Subhasish Mahapatra	Electrical and Electronics Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	08 Weeks	Full FDP of One Week
27	Jul – Oct 2019	Mrs. Ashwini T D	English	Soft skills	12 Weeks	1 $\frac{1}{2}$ FDP
28	Jul – Oct 2019	Mrs. Kusuma S	Computer Science and Engineering	Problem Solving through Programming in C	12 Weeks	1 $\frac{1}{2}$ FDP
29	Aug – Sep 2019	Dr Nidhya R	Computer Science and Engineering	Python for Data Science - Online	04 Weeks	$\frac{1}{2}$ FDP of One Week
30	Aug – Sep 2019	Dr. G Arunkumar	Computer Science and Engineering	Python for Data Science - Online	04 Weeks	$\frac{1}{2}$ FDP of One Week
31	Aug – Sep 2019	Dr. Y C A Padmanabha Reddy	Computer Science and Engineering	Python for Data Science - Online	04 Weeks	$\frac{1}{2}$ FDP of One Week
32	Jul – Oct 2019	Dr. Ghanshyam S Bopche	Computer Science and Engineering	Ethical Hacking	12 Weeks	1 $\frac{1}{2}$ FDP
33	Jul – Oct 2019	Dr. R Sudhakar	Computer Science and Engineering	Ethical Hacking	12 Weeks	1 $\frac{1}{2}$ FDP
34	Aug – Oct 2019	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Practical Machine Learning with Tensorflow	08 Weeks	Full FDP of One Week
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35	Aug – Sep 2019	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
36	Aug – Sep 2019	Dr. Kuppusamy P	Computer Science and Engineering	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
37	Aug – Sep 2019	Dr. Naeem Ahmad	Computer Applications	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
38	Aug – Sep 2019	Dr Dipankar Roy	Civil Engineering	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
39	Aug – Sep 2019	Dr. Veningston K	Computer Science and Engineering	Python for Data Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
40	Aug – Oct 2019	Dr. Prateek Verma	Civil Engineering	Remote Sensing and Digital Image Processing of Satellite Data	08 Weeks	Full FDP of One Week
41	Aug – Oct 2019	Dr Rishikeshan C A	Computer Science and Engineering	Remote Sensing and Digital Image Processing of Satellite Data	08 Weeks	Full FDP of One Week
42	Aug – Oct 2019	Dr. Avadhoot Bhosale	Civil Engineering	Remote Sensing and Digital Image Processing of Satellite Data	08 Weeks	Full FDP of One Week
43	Aug – Oct 2019	Dr Aneesh Mathew	Civil Engineering	Remote Sensing and Digital Image Processing of Satellite Data	08 Weeks	Full FDP of One Week
44	Jul – Oct 2019	Dr. Senthil Kumar J S	Mechanical Engineering	Fundamentals Of Artificial Intelligence	12 Weeks	$1\frac{1}{2}$ FDP

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45	Aug – Sep 2019	Mrs. Madhusmita Mishra	Electronics and Communication Engineering	Gender Justice and Workplace Security	04 Weeks	$\frac{1}{2}$ FDP of One Week
46	Aug – Sep 2019	Dr. G Somasekhar	Management Studies	Practitioners Course In Descriptive Predictive And Prescriptive Analytics	08 Weeks	Full FDP of One Week
47	Jul – Oct 2019	Dr. A Selvaganapathi	Chemistry	Principles of Organic Synthesis	12 Weeks	$1\frac{1}{2}$ FDP
48	Jul – Oct 2019	Dr. Remashan Kariyadan	Electronics and Communication Engineering	Sensors and Actuators	12 Weeks	$1\frac{1}{2}$ FDP
49	Jul – Oct 2019	Dr. B Ramachandra Reddy	Computer Science and Engineering	Software Testing	12 Weeks	$1\frac{1}{2}$ FDP
50	Jul – Oct 2019	Dr. Sumit Kale	Electronics and Communication Engineering	Microelectronics: Devices To Circuits	12 Weeks	$1\frac{1}{2}$ FDP
51	Aug – Oct 2019	Dr. Sudarshan Swain	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
52	Aug – Oct 2019	Dr. Joseph Prabhu J	Civil Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
53	Aug – Oct 2019	Dr. Vishwanatha Siddhartha	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week

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54	Aug – Oct 2019	Dr. Santosh Kumar Singh	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
55	Aug – Oct 2019	Dr. K Dinesh	Computer Science and Engineering	Accreditation and Outcome based Learning	08 Weeks	Full FDP of One Week
56	Aug – Oct 2019	Dr. V Mahendran	Physics	Accreditation and Outcome based Learning	08 Weeks	Full FDP of One Week
57	Aug – Oct 2019	Dr. K V Narasimha Murthy	Mathematics	Matrix Analysis with Applications	08 Weeks	Full FDP of One Week
58	Jul – Oct 2019	Dr. Kumar Manoj	Electronics and Communication Engineering	Microelectronics: Devices To Circuits	12 Weeks	1½ FDP
59	Aug – Oct 2019	Dr. Senthil Kumar J S	Mechanical Engineering	Accreditation and Outcome based Learning	08 Weeks	Full FDP of One Week
60	Jul – Oct 2019	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Machine Learning for Engineering and Science Applications	12 Weeks	1½ FDP
61	Aug – Oct 2019	Dr. Ramu Geddavalasa	Mathematics	Matrix Analysis with Applications	08 Weeks	Full FDP of One Week
62	Aug – Oct 2019	Dr. Pratap Ranjan Mohanty	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week

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63	Aug – Oct 2019	Dr. Narendrababu A	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
64	Aug – Oct 2019	Dr. Soumya Ranjan Mahapatro	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
65	Aug – Oct 2019	Dr. Hira Singh Sachdev	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
66	Aug – Oct 2019	Dr. Aurobinda Bag	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
67	Aug – Oct 2019	Dr P Naresh	Mechanical Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
68	Aug – Oct 2019	Dr K Sathesh	Electronics and Communication Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
69	Jul – Oct 2019	Dr. Rajendraprasad Narne	Electrical and Electronics Engineering	Power System Analysis	12 Weeks	1½ FDP
70	Jul – Oct 2019	Dr. Vinod Kumar	Computer Applications	Introduction to Internet of Things	12 Weeks	1½ FDP
71	Jul – Oct 2019	Dr. Sourabh Paul	Electronics and Communication Engineering	Digital Image Processing	12 Weeks	1½ FDP

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72	Jul – Oct 2019	Mr. Biswajit Dwivedy	Electronics and Communication Engineering	Microwave Theory and Techniques	12 Weeks	1½ FDP
73	Aug – Oct 2019	Dr. R Saravana	Mathematics	Matrix Analysis with Applications	08 Weeks	Full FDP of One Week
74	Aug – Oct 2019	Dr. Gajendra Sharma	Electronics and Communication Engineering	Accreditation and Outcome based Learning	08 Weeks	Full FDP of One Week
75	Jul – Oct 2019	Dr. Remashan Kariyadan	Electronics and Communication Engineering	Microelectronics: Devices To Circuits	12 Weeks	1½ FDP
76	Aug – Oct 2019	Dr. A V Pavan Kumar	Electrical and Electronics Engineering	Introduction to Research	08 Weeks	Full FDP of One Week
77	Jul – Oct 2019	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	The Joy of Computing using Python	12 Weeks	1½ FDP
78	Jul – Oct 2019	Dr. Venkateswarlu Cheerladinne	Chemistry	Coordination Chemistry	12 Weeks	1½ FDP
79	Jan – Apr 2020	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Deep Learning - Part 1	12 weeks	1½ FDP
80	Jan – Mar 2020	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Programming, Data Structures and Algorithms Using Python	08 weeks	Full FDP of One Week

81	Feb – Apr 2020	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Google Cloud Computing Foundations	08 weeks	Full FDP of One Week
82	Feb – Apr 2020	Dr. Naeem Ahmad	Computer Applications	Cloud computing	08 Weeks	Full FDP of One Week
83	Jan – Apr 2020	Dr. Chilkhe Ganesh Nagorao	English	German - I	12 weeks	1 $\frac{1}{2}$ FDP

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1	Aug – Oct 2018	Dr. Veningston K	Computer Science and Engineering	Introduction to Machine Learning	08 weeks	Full FDP of One Week
2	Aug – Oct 2018	Dr. Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Introduction to Machine Learning	08 weeks	Full FDP of One Week
3	Jul – Oct 2018	Dr. Satrughan Kumar	Electronics and Communication Engineering	Deep Learning	12 weeks	1½ FDP
4	Jul – Oct 2018	Dr. Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Software Testing	12 weeks	1½ FDP
5	Jul – Oct 2018	Dr. B Ramachandra Reddy	Computer Science and Engineering	Software Testing	12 weeks	1½ FDP
6	Aug – Sep 2018	Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Cloud Computing	08 Weeks	Full FDP of One Week
7	Aug – Sep 2018	Mr. Ponukumati Balamurali Krishna	Electrical and Electronics Engineering	Electrical Distribution System Analysis	08 Weeks	Full FDP of One Week

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8	Aug – Oct 2018	Dr. M. Chakkarapani	Electrical and Electronics Engineering	Advanced Linear Continuous Control Systems: Applications with MATLAB Programming and Simulink	08 Weeks	Full FDP of One Week
9	Jul – Oct 2018	Dr. Ilampoornan M K	Electrical and Electronics Engineering	Design of Photovoltaic Systems	12 weeks	1½ FDP
10	Jul – Oct 2018	Dr. M. Chakkarapani	Electrical and Electronics Engineering	Design of Photovoltaic Systems	12 weeks	1½ FDP
11	Jul – Oct 2018	Dr. Suprava Chakraborty	Electrical and Electronics Engineering	Design of Photovoltaic Systems	12 weeks	1½ FDP
12	Jul – Oct 2018	Dr. Lakshmanan S A	Electrical and Electronics Engineering	Design of Photovoltaic Systems	12 weeks	1½ FDP
13	Jul – Oct 2018	Dr. Arulkumar K	Electrical and Electronics Engineering	Design of Photovoltaic Systems	12 weeks	1½ FDP
14	Jul – Oct 2018	Dr. Satrugan Kumar	Electronics and Communication Engineering	Digital Image Processing	12 weeks	1½ FDP
15	Aug – Sep 2018	Dr. Ranjeet Kumar	Electronics and Communication Engineering	Health Research Fundamentals	08 Weeks	Full FDP of One Week

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16	Feb – Mar 2019	Mr. Abhilash T. Nair	Civil Engineering	Principles and Applications of Building Science	04 Weeks	$\frac{1}{2}$ FDP of One Week
17	Jan - Apr 2019	Dr. Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Computer Organization and Architecture: A Pedagogical Aspect	12 weeks	$1\frac{1}{2}$ FDP
18	Jan - Apr 2019	Mrs. K Surekha	Computer Science and Engineering	Programming in Java	12 weeks	$1\frac{1}{2}$ FDP
19	Jan - Apr 2019	Dr. Venington K	Computer Science and Engineering	Programming in Java	12 weeks	$1\frac{1}{2}$ FDP
20	Jan - Apr 2019	Dr. Narasimha Chintha	Computer Science and Engineering	Programming in Java	12 weeks	$1\frac{1}{2}$ FDP
21	Jan - Apr 2019	Dr. Mahaboob Basha Shaik	Computer Science and Engineering	Programming in Java	12 weeks	$1\frac{1}{2}$ FDP
22	Jan – Apr 2019	Dr. Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Programming in Java	12 weeks	$1\frac{1}{2}$ FDP
23	Jan - Mar 2019	Dr. Siva Shankar Ramasamy	Computer Applications	Programming, Data Structures and Algorithms using Python	08 Weeks	Full FDP of One Week
24	Jan - Mar 2019	Dr S A K Jilani	Electronics and Communication Engineering	Programming, Data Structures and Algorithms using Python	08 Weeks	Full FDP of One Week

S. No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
25	Jan - Mar 2019	Dr. Ghanshyam S Bopche	Computer Science and Engineering	Programming, Data Structures and Algorithms using Python	08 Weeks	Full FDP of One Week
26	Jan - Apr 2019	Dr S A K Jilani	Electronics and Communication Engineering	Joy of computing using Python	12 weeks	1 $\frac{1}{2}$ FDP
27	Jan - Apr 2019	Dr. B Ramachandra Reddy	Computer Science and Engineering	Joy of computing using Python	12 weeks	1 $\frac{1}{2}$ FDP
28	Feb – Apr 2019	Dr. Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Data Base Management System	08 Weeks	Full FDP of One Week
29	Jan – Apr 2019	Dr. Kuppusamy P	Computer Science and Engineering	Machine Learning for Engineering and Science Applications	12 weeks	1 $\frac{1}{2}$ FDP
30	Feb – Apr 2019	Dr. S Venkata Siva Ganga Devi	Computer Applications	Data Mining	08 Weeks	Full FDP of One Week
31	Jan – Apr 2019	Dr. Diwakar Tripathi	Computer Science and Engineering	AI: Knowledge Representation and Reasoning	12 weeks	1 $\frac{1}{2}$ FDP
32	Jan – Apr 2019	Dr. Sitara K	Computer Science and Engineering	AI: Knowledge Representation and Reasoning	12 weeks	1 $\frac{1}{2}$ FDP
33	Jan – Apr 2019	Dr. Rajkumar S	Electronics and Communication Engineering	AI: Knowledge Representation and Reasoning	12 weeks	1 $\frac{1}{2}$ FDP
34	Jan – Apr 2019	Dr. Shashidhara R	Computer Science and Engineering	Blockchain Architecture Design and Use Cases	12 weeks	1 $\frac{1}{2}$ FDP

S. No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
35	Jan – Apr 2019	Dr. Rifaqat Ali	Computer Science and Engineering	Cryptography and Network Security	12 weeks	1½ FDP
36	Jan – Apr 2019	Dr. A Manimaran	Computer Science	Cryptography and Network Security	12 weeks	1½ FDP
37	Jan – Apr 2019	Dr. Vivekananda Gn	Computer Science and Engineering	Cryptography and Network Security	12 weeks	1½ FDP
38	Feb – Apr 2019	Ravi Kant Kumar	Computer Science and Engineering	Machine Learning, ML	08 Weeks	Full FDP of One Week
39	Feb – Apr 2019	Mrs. V. Geetha	Computer Science and Engineering	Machine Learning, ML	08 Weeks	Full FDP of One Week
40	Feb – Apr 2019	Dr. Suryanarayana Raju Pakalapati	Mechanical Engineering	Machine Learning, ML	08 Weeks	Full FDP of One Week
41	Jan – Feb 2019	Dr. Logudurai Radhakrishnan	Chemistry	Organometallic Chemistry	04 Weeks	½ FDP of One Week
42	Jan – Feb 2019	Dr. Venkateswarlu Cheerladinne	Chemistry	Organometallic Chemistry	04 Weeks	½ FDP of One Week
43	Jan – Mar 2019	Chakkarapani M	Electrical and Electronics Engineering	Advance Power Electronics and Control	08 Weeks	Full FDP of One Week
44	Feb – Mar 2019	Rajendraprasad Narne	Electrical and Electronics Engineering	Electric Vehicles - Part 1	04 Weeks	½ FDP of One Week

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45	Feb – Mar 2019	Dr. Parth Sarathi Panigrahy	Electrical and Electronics Engineering	Electric Vehicles - Part 1	04 Weeks	$\frac{1}{2}$ FDP of One Week
46	Feb – Mar 2019	Dr. Lakshmanan S A	Electrical and Electronics Engineering	Electric Vehicles - Part 1	04 Weeks	$\frac{1}{2}$ FDP of One Week
47	Feb – Mar 2019	Mr. Bondu Vijayakumar	Electrical and Electronics Engineering	Electric Vehicles - Part 1	04 Weeks	$\frac{1}{2}$ FDP of One Week
48	Feb – Mar 2019	Mr. Sateesh Devanga Yerra	Electrical and Electronics Engineering	Electric Vehicles - Part 1	04 Weeks	$\frac{1}{2}$ FDP of One Week
49	Feb – Mar 2019	Dr. Ilampoornan M K	Electrical and Electronics Engineering	Electric Vehicles - Part 1	04 Weeks	$\frac{1}{2}$ FDP of One Week
50	Jan – Apr 2019	Dr. Pratik Mondal	Electronics and Communication Engineering	Antennas	12 weeks	$1\frac{1}{2}$ FDP
51	Jan – Apr 2019	Mr. Subbarao Genikala	Electronics and Communication Engineering	Antennas	12 weeks	$1\frac{1}{2}$ FDP
52	Jan – Apr 2019	Dr. Debashish Dash	Electronics and Communication Engineering	Introduction to Photonics	12 weeks	$1\frac{1}{2}$ FDP

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53	Jan – Apr 2019	Dr. Lucky Agarwal	Electronics and Communication Engineering	Introduction to Photonics	12 weeks	1½ FDP
54	Jan – Apr 2019	Dr. Sambasiva Rao Kambala	Electronics and Communication Engineering	Introduction to Photonics	12 weeks	1½ FDP
55	Jan – Apr 2019	Dr. Brijesh Kumar Singh	Electronics and Communication Engineering	Introduction to Photonics	12 weeks	1½ FDP
56	Feb – Apr 2019	Dr. Chandramauleshwar Roy	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week
57	Feb – Apr 2019	Mr. Vivek Kajagar	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week
58	Feb – Apr 2019	Dr. Kumar Manoj	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week
59	Feb – Apr 2019	Mr. Shaik Shakir Basha	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week
60	Feb – Apr 2019	Dr. Sumit Kale	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week

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61	Feb – Apr 2019	Dr. Vikas Vijayvargiya	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week
62	Feb – Apr 2019	Mr. R Kiran Kumar	Electronics and Communication Engineering	CMOS Digital VLSI Design	08 Weeks	Full FDP of One Week
63	Jan – Apr 2019	Dr. Sankata Bhanjan Prusty	Electronics and Communication Engineering	Control Engineering	12 weeks	1 $\frac{1}{2}$ FDP
64	Jan – Feb 2019	Dr.P.Naresh	Mechanical Engineering	Effective Engineering Teaching in Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week
65	Jan – Feb 2019	Dr. Chakradhar Bandapalli	Mechanical Engineering	Effective Engineering Teaching in Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week
66	Jan – Feb 2019	Dr. Shivakumar N	Mechanical Engineering	Effective Engineering Teaching in Practice	04 Weeks	$\frac{1}{2}$ FDP of One Week
67	Feb – Mar 2019	Dr. Mohan Krishna Varma Nandimandalam	Computer Science and Engineering	Teaching and Learning in Engineering (TALE)	04 Weeks	$\frac{1}{2}$ FDP of One Week
68	Jan – Apr 2019	Dr. Suraj Nandkumar Dhumal	English	Qualitative Research Methods and Research Writing	12 weeks	1 $\frac{1}{2}$ FDP

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69	Feb – Apr 2019	Dr. Renjith Bhaskaran	Chemistry	Fuzzy Logic and Neural Networks	08 Weeks	Full FDP of One Week
70	Jan – Apr 2019	Dr. Hira Singh Sachdev	Electrical and Electronics Engineering	Non-Conventional Energy Resources	12 weeks	1 $\frac{1}{2}$ FDP
71	Jan – Apr 2019	Dr. Suprava Chakraborty	Electrical and Electronics Engineering	Non-Conventional Energy Resources	12 weeks	1 $\frac{1}{2}$ FDP
72	Jan – Feb 2019	Dr. Narendrababu A	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
73	Jan – Feb 2019	Dr. M Vijay	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
74	Jan – Feb 2019	Dr. A V Pavan Kumar	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
75	Jan – Feb 2019	Dr. Arulkumar K	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
76	Jan – Feb 2019	Dr. Shubhashish Bhakta	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week

S. No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
77	Jan – Feb 2019	Dr. Sumit	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
78	Jan – Feb 2019	Dr. Suprava Chakraborty	Electrical and Electronics Engineering	Patent Drafting for Beginners	04 Weeks	$\frac{1}{2}$ FDP of One Week
79	Jan – Mar 2019	Dr. Rosalia H Bonjour	English	Emotional Intelligence	08 Weeks	Full FDP of One Week
80	Jan – Mar 2019	Dr. Akhil Jha	English	Emotional Intelligence	08 Weeks	Full FDP of One Week
81	Jan – Mar 2019	Dr. Barkha Chhetry	English	Emotional Intelligence	08 Weeks	Full FDP of One Week
82	Jan – Feb 2019	Dr. Shanker Nath Vanapalli	Mechanical Engineering	Psychiatry - An overview	04 Weeks	$\frac{1}{2}$ FDP of One Week
83	Feb – Apr 2019	Dr. Anshu Mittal	Electronics and Communication Engineering	Descriptive Statistics with R Software	08 Weeks	Full FDP of One Week
84	Feb – Apr 2019	Dr. P. Ramesh Reddy	Mathematics	Descriptive Statistics with R Software	08 Weeks	Full FDP of One Week

S. No.	Session	Name of the Faculty Member	Department Name	Name of the NPTEL Course	Duration in No. of Weeks	Equivalence of NPTEL course with regular FDP
85	Feb – Apr 2019	Dr. Manvendra Tiwari	Mechanical Engineering	Steam and Gas Power Systems	08 Weeks	Full FDP of One Week
86	Jan – Apr 2019	Dr. G Hemanth Kumar	Mechanical Engineering	Manufacturing Process Technology	12 weeks	1½ FDP
87	Jan – Apr 2019	Dr. Prithvirajan R	Mechanical Engineering	Manufacturing Process Technology	12 weeks	1½ FDP
88	Jan – Feb 2019	Dr. Kirana Kumara P	Mechanical Engineering	Product Design and Development	04 Weeks	½ FDP of One Week
89	Feb – Apr 2019	Dr. Anshuman Das	Mechanical Engineering	Introduction to Machining and Machining Fluids	08 Weeks	Full FDP of One Week
90	Feb – Apr 2019	Dr. Senthil Kumar J S	Mechanical Engineering	Introduction to Machining and Machining Fluids	08 Weeks	Full FDP of One Week
91	Jan – Apr 2019	Dr. Kulmani Mehar	Mechanical Engineering	Introduction To Composites	12 Weeks	1½ FDP
92	Feb – Apr 2019	Dr. Senthil Kumar J S	Mechanical Engineering	BioMEMS and Microsystems	08 Weeks	Full FDP of One Week
93	Feb – Apr 2019	Dr. G. Somasekhar	Management Studies	Foundation Course in Managerial Economics	08 Weeks	Full FDP of One Week

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94	Jan – Apr 2019	Dr. Mohd Mujahed Ali	Management Studies	Financial Statement Analysis and Reporting	12 weeks	1 $\frac{1}{2}$ FDP
95	Jan – Apr 2019	Dr. Geetha Devi K. V.	Management Studies	Financial Institutions and Markets	12 weeks	1 $\frac{1}{2}$ FDP
96	Jan – Mar 2019	Dr. Anil Kumar Soni	Electronics and Communication Engineering	Principles of Human Resource Management	08 Weeks	Full FDP of One Week
97	Jan – Mar 2019	Dr. Kumar Manoj	Electronics and Communication Engineering	Principles of Human Resource Management	08 Weeks	Full FDP of One Week
98	Jan – Mar 2019	Dr. Ranjeet Kumar	Electronics and Communication Engineering	Principles of Human Resource Management	08 Weeks	Full FDP of One Week
99	Feb – Apr 2019	Dr. Ks Krishna	Management Studies	Sales and Distribution Management	08 Weeks	Full FDP of One Week
100	Jan – Apr 2019	Dr. G. Mahendar	Management Studies	Marketing Research and Analysis - II	12 Weeks	1 $\frac{1}{2}$ FDP
101	Jan – Mar 2019	Dr. Varadarajan Rangarajan	Management Studies	Supply Chain Analytics	08 Weeks	Full FDP of One Week

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102	Feb – Mar 2019	Dr. Balaji Ramanujam	Chemistry	Design Thinking - A Primer	04 Weeks	$\frac{1}{2}$ FDP of One Week
103	Feb – Mar 2019	Dr. Anoop Kumar Sahu	Management Studies	Design Thinking - A Primer	04 Weeks	$\frac{1}{2}$ FDP of One Week
104	Feb – Apr 2019	Dr. Virendra Kumar Verma	Physics	Fundamentals of Electronic Materials and Devices	08 Weeks	Full FDP of One Week
105	Jan – Mar 2019	Dr. Jagadeesh Babu Bellam	Physics	Solar Photovoltaics: Principles, Technologies & Materials	08 Weeks	Full FDP of One Week
106	Feb – Apr 2019	Dr. S Baskaran	Mechanical Engineering	Friction and Wear of Materials: Principles and Case Studies	08 Weeks	Full FDP of One Week
107	Feb – Mar 2019	Dr. Debabrata Saha	Electronics and Communication Engineering	A Brief Course on Superconductivity	04 Weeks	$\frac{1}{2}$ FDP of One Week
108	Feb – Mar 2019	Dr. M. Chandra Sekhar	Electronics and Communication Engineering	A Brief Course on Superconductivity	04 Weeks	$\frac{1}{2}$ FDP of One Week
109	Jan – Mar 2019	Dr. K. Kamakshi	Physics	Fiber Optics	08 Weeks	Full FDP of One Week

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