

6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

Year	2020-21	2019-20	2018-19	2017-18	2016-17
No. of Programmes	462	110	44	24	12

	Session 2020-21				
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)		
1	7 Days Online National workshop on Seven Assessment Criteria For Accreditation	Kishan Lal Jain	02-08-2020 to 08-08-2020		
2	Advanced Applications of Structural Concrete In Civil Engineering	Pooja Jain (CE)	07-06-2021 to 12-06-2021		
3	AICTE - ATAL FDP on Machine Learning	Harshal Nigam, Neeraj Jain	05-07-2021 to 09-07-2021		
4	AICTE - ATAL FDP on Nano-sensors	Abhinandan Jain, Ankit Agarwal (ECE), Praveen Kumar Jain, Swati Arora	05-07-2021 to 09-07-2021		
5	AICTE (ATAL) FDP on Application Of Computers In Biology	Sanju Choudhary	07-06-2021 to 11-06-2021		
6	AICTE (ATAL) FDP on Artificial Intelligence	Pankaj Dadheech	08-02-2021 to 12-02-2021		
7	AICTE (ATAL) FDP On Electrical & Computer Engineering	Achin Srivastav, Deepti Arela, Harpreet Singh Gill, Jinendra Rahul, Jitendra Singh, Mahender Kumar Beniwal, Neeraj Garg, Nidhi Srivastav, Niketa Sharma, Nikhar Bhatnagar, Pankaj Dadheech, Priyanka, Priyanka Sharma (CSE), Rubal Deep Gill, Sanju Choudhary, Sanwta Ram Dogiwal, Suman Sharma (EE), Sunil Dhankhar, Vipin Jain	04-01-2021 to 08-01-2021		
8	AICTE (ATAL) FDP on Energy Engineering	Bharat Modi, Jinendra Rahul, Jitendra Singh	07-12-2020 to 11-12-2020		
9	AICTE (ATAL) FDP on Green Technology & Sustainability Engineering	Sarfaraz Nawaz	05-10-2020 to 09-10-2020		
10	AICTE (ATAL) FDP on Integration of Renewable Energy Sources	Ankush Tandon, Jinendra Rahul, Jitendra Singh	02-11-2020 to 07-11-2020		
11	AICTE (ATAL) Online FDP Cyber Security Vulnerabilities And Safeguards	Priyanka Sharma (CSE), Ruchika Khandelwal	17-05-2021 to 21-05-2021		
12	AICTE (ATAL) Online FDP on 3D Printing & Design	Praveen Saraswat	24-08-2020 to 28-08-2020		
13	Design	Ajay Kumar Dhanopia, Chandan Kumar, Lalit Kumar Gupta, Sandeep Kumar Bhaskar	09-11-2020 to 13-11-2020		
14	AICTE (ATAL) Online FDP on Artificial Intelligence	Abhishek Gupta, Pramod Jain	21-09-2020 to 25-09-2020		
15	AICTE (ATAL) Online FDP on Cloud Technology	Priyanka	02-11-2020 to 06-11-2020		
16	AICTE (ATAL) Online FDP on Computer Science & Biology	Ganpat Singh Chauhan, Neeraj Garg, Neha Mathur, Niketa Sharma	18-01-2021 to 22-01-2021		
17	AICTE (ATAL) Online FDP on Cyber Security	Mahender Kumar Beniwal, Harpreet Singh Gill, Rajat Goel, Rubal Deep Gill, Priyanka Sharma (CSE)	24-08-2020 to 28-08-2020		
18	AICTE (ATAL) Online FDP on Cyber-Physical Systems	Priyanka	07-11-2020 to 11-11-2020		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
10	course-traning program) AICTE (ATAL) Online FDP on Data Sciences	Priyanka, Kajal Mathur	19-01-2021 to 23-01-2021
20	AICTE- (ATAL) Online FDP on Engineering Optimization Techniques And Its	Pooja Jain (EE)	14-06-2021 to 18-06-2021
24	Applications AICTE (ATAL) Online FDP on FEM/CFD	Prem Singh	14-10-2020 to 18-10-2020
21	AICTE (ATAL) Online FDP on Internet of	Ashish Pant, Palika Jajoo, Shalini Singhal	01-02-2021 to 05-02-2021
23	Things AICTE (ATAL) Online FDP on Internet of	Priyanka Sharma (ECE), Rajni Idiwal, Vikas Pathak	21-01-2021 to 25-01-2021
24	Things (IOT) AICTE (ATAL) Online FDP on Robotics	Pramod Jain	07-09-2020 to 11-09-2020
25	AICTE (ATAL) Online FDP on Sensors Technology	Niketa Sharma	01-10-2020 to 05-10-2020
26	AICTE (ATAL) Online FDP on Soft Computing	Prem Singh	02-11-2020 to 06-11-2020
27	AICTE (ATAL)FDP on Interent of Things (IOT)	Abhinandan Jain, Harshal Nigam, Neeraj Jain, Rajni Idiwal, Shubhi Jain	13-09-2021 to 17-09-2021
28	AICTE ATAL FDP on Cyber-Physical Production Systems		21-09-2020 to 25-09-2020
29	AICTE ATAL FDP on GIS & Remote Sensing And Its Applications	Bharathi M, Vikas Vyas	07-06-2021 to 11-06-2021
30	AICTE ATAL FDP On Recent Developments In Sustainable Process	Deepak Kumar	31-05-2021 to 04-06-2021
31	AICTE ATAL FDP on Sensors Technology	Ankit Agarwal (ECE), Shanu Tripathi	06-09-2021 to 10-09-2021
32	AICTE FDP on UHV	Harshal Nigam	19-07-2021 to 23-07-2021
33	AICTE Sponsored FDP on Machine Learning Techniques for Imaging and Healthcare with Python		28-01-2021 to 10-02-2021
34	AICTE Sponsored FDP on Nurturing Morals Work Ethics & Accountability For Technica	Nikhar Bhatnagar, Priyanka	07-12-2020 to 19-12-2020
35	Teachers AICTE Sponsored FDP on Science and	Vinita Sharma	22-02-2021 to 26-02-2021
36	AICTE Sponsored One Week Short Terr Training Programme (STTP) On Machin Learning And Deep Learning: Research An	n e Ankit Vijayvargiya, Mahender Kumar Beniwal, Mukesh d Kumar Gupta, Pankaj Dadheech, Vipin Jain	17-08-2020 to 22-08-2020
37	Industrial And Reliewable Application	Ankush Tandon, Jinendra Rahul, Deepti Arela	23-11-2020 to 28-11-2020
38	(Phase-II) AICTE Sponsored Online STTP on Da Analytics For Smart Grid Technology	Jinendra Rahul, Rammurti Meena	30-11-2020 to 05-12-2020
39	AICTE Sponsored online STTP on Machin	Garima Gupta	14-09-2020 to 19-09-202
40	AICTE Sponsored Online STTP on SciLa	b: or Monu Gupta	14-12-2020 to 19-12-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

Billing.		Session 2020-21	
.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
41	AICTE Sponsored STTP on Developing R&D	Manoj Kumar , Mohammed Sohaib, Sunil Kumar	01-03-2021 to 06-03-2021
42	And the Application	Sushila Vishnoi, Mahender Kumar Beniwal	07-09-2020 to 12-09-2020
43	AICTE Sponsored STTP on Internet of	Pankaj Dadheech, Richa Rawal, Ruchika Khandelwal, Sanju Choudhary, Sanwta Ram Dogiwal	20-07-2020 to 25-07-2020
44	The state of the s	Richa Rawal, Sanju Choudhary, Sanwta Ram Dogiwal	17-08-2020 to 22-08-2020
45	AICTE Sponsored STTP on Machine Learning And Deep Learning: Research And Applications Perspectives	Madhukar Kumar, Mukesh Kumar Gupta, Palika Jajoo	20-07-2020 to 25-07-2020
46	AICTE Sponsored STTP on Recent Advances In Industrial Robotics & Applications	Pankaj Dadheech, Sanwta Ram Dogiwal	30-11-2020 to 05-12-2020
47	AICTE Sponsored STTP on Smart Grid Technology	Baibhav Bishal, Jitendra Singh, Smriti Jain,Suman Sharma (EE)	23-11-2020 to 28-11-2020
48	AICTE STTP on Artificial Intelligence and Deep Learning Techniques		30-11-2020 to 05-12-2020
49	AICTE Training And Learning (ATAL) Academy Online Elementary FDP on Data		20-09-2021 to 24-09-2021
50	AICTE Training And Learning (ATAL) Academy Online FDP On Block Chain	Neha Janu	14-12-2020 to 18-12-2020
51	AICTE Training And Learning (ATAL)	Neha Janu	18-01-2021 to 22-01-2021
52	AICTE Training And Learning (ATAL)	Mahender Kumar Beniwal, Pankaj Dadheech	15-09-2020 to 19-09-2020
53	AICTE Training And Learning (ATAL)	Vikas Ranveer Singh Mahala	08-12-2020 to 12-12-2020
54	AICTE Training And Learning (ATAL Academy Online FDP on Internet of Things) s Anjana Sangwan	21-09-2020 to 25-09-2020
55		s Saurabh Gupta, Vishnu Jangid	05-10-2020 to 09-10-202
56	The state of the s	us Vishnu Jangid	23-11-2020 to 27-11-202
57	Management AICTE Training And Learning (ATAI Academy Online FDP on Sustainabilit Engineering	L) Sumita	22-02-2021 to 26-02-202
58	AICTE Training And Learning (ATAI Academy Online FDP On System Engineering	L) ns Neeraj Garg, Rammurti Meena	01-02-2021 to 05-02-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21			
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teacher who attended	Duration (from – to) (DD-MM-YY)	
59	Human Values In Technical Education	Neeraj Jain	12-10-2020 to 16-10-2020	
60	AICTE-AQIS sponsored STTP on Recent Advances in Nano-Photonics Technology (RANPT-2020)	Manju Choudhary	26-10-2020 to 31-10-2020	
61	AICTE-ATAL FDP on Green Technology & Sustainability Engineering	Sanjay Bairwa, Vikas Ranveer Singh Mahala	04-01-2021 to 08-01-2021	
62	AICTE-ISTE approved Orientation/Refresher Programme on Data Science in Engineering Applications		24-04-2021 to 01-05-2021	
63	AICTE-ISTE approved Orientation/Refresher Programme on Machine Learning for ALL	Swati Arora	03-05-2021 to 08-05-2021	
64	AICTE-NPTEL FDP on Laplace Transform	Chandra Prakash Jain, Nawal Kishor Jangid, Vijay Kumar Singhal, Vivek Vijay	01-09-2020 to 10-10-2020	
65	AICTE-NPTEL FDP on Laser: Fundamentals And Applications	Ajay Kumar Sharma, Manasvi Dixit, Pawan Kumar Jain, Komal Sharma	14-09-2020 to 06-11-2020	
66	Artificial Intelligence And 5G Communication Technology	Pankaj Dadheech	05-10-2020 to 10-10-2020	
67	ATAL Academy FDP On Smart Sensors	Praveen Kumar Jain	07-06-2021 to 11-06-2022	
68	ATAL Academy FDP on Wearable Devices	Shubhi Jain	11-01-2021 to 15-01-2023	
69	ATAL Academy On Photonics	Rukhsar Zafar	03-11-2020 to 07-11-2020	
70	ATAL Academy Online FDP on A Quantum Computing	Rahul Pandey	23-11-2020 to 27-11-2020	
71	ATAL Academy Online FDP on Blended Learning And Flipped Classroom	Praveen Kumar Jain	31-08-2020 to 04-09-2020	
72	ATAL Academy Online FDP On Blended Learning And Flipped Classroom	Arikit Agarwai (ECE), Deepa Wood, Shahu Tripathi	10-08-2020 to 14-08-2020	
73	ATAL Academy Online FDP on Block Chain	Garima Gupta, Harpreet Singh Gill, Kajal Mathur, Neeraj Garg, Neha Mathur, Nikhar Bhatnagar, Rajat Goel, Rubal Deep Gill, Ruchika Khandelwal, Sanwta Ram Dogiwal, Sunil Dhankhar, Sushant Kumar	23-11-2020 to 27-11-2020	
74	ATAL Academy Online FDP On Design	Praveen Kumar Jain, Shubhi Jain	12-10-2020 to 16-10-2020	
75	ATAL Academy Online FDP On Internet Of Things (IOT)	Mamta Jain, Ankit Agarwal (ECE)	05-10-2020 to 09-10-2020	
76	ATAL Academy Online FDP on Photonics (I)	Ankit Agarwal (ECE)	19-10-2020 to 23-10-202	
77	ATAL Academy Online FDP on Photonics (II)		18-01-2021 to 22-01-202	
78	ATAL Academy Online FDP on Photonics	Arkit Agarwai (ECE), Kiran Kathi	08-02-2021 to 12-02-202	
79	ATAL Academy Online FDP on Photonics (IV)	Ankit Agarwal (ECE)	01-02-2021 to 05-02-202	
80	ATAL Academy Online FDP On Robotics	Monu Gupta	05-01-2021 to 09-01-202	



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21			
.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)	
81	ATAL FDP- Modern Innovations and	Naveen Kumar Sain	12-07-2021 to 16-07-2021	
82	ATAL FDP on 3D Printing	Kiran Rathi	19-07-2021 to 23-07-2021	
83	ATAI FDP on Advances in Manufacturing	Sandeep Kumar Bhaskar	26-07-2021 to 30-07-2021	
84	ATAL FDP On Advances In Power Electronics For Hybrid Electric Vehicle-2020	Baibhav Bishal, Rammurti Meena	11-12-2020 to 15-12-2020	
85	ATAL FDP on Antennas	Harshal Nigam	02-08-2021 to 06-08-2021	
86	ATAL FDP on Artificial Intelligence	Dolly Mittal, Richa Rawal	19-10-2020 to 23-10-2020	
87	ATAL FDP On E- Vehicle	Saurabh Gupta	02-11-2020 to 06-11-2020	
88	ATAL FDP on Energy Storage	Jitendra Singh, Vikas Ranveer Singh Mahala	22-02-2021 to 26-02-2021	
89	ATAL FDP on Foundation of Data Science and its Applications	Dolly Mittal	26-08-2021 to 30-08-2021	
90	ATAL FDP on Green Technology in Manufacturing	Vishnu Jangid	05-07-2021 to 09-07-2021	
91	ATAL FDP on Green Technology: Applications in Manufacturing	Manoj Kumar Sain	20-09-2021 to 24-09-2021	
92	ATAL FDP on Internet of Things: Product Design, Development and Implementation	Sudesh Garg	02-08-2021 to 06-08-2021	
93	ATAL FDP on Lean Thinking for Sustainable business practices	Visnnu Jangid	16-08-2021 to 20-08-2021	
94	ATAL FDP on Machine Learning (Computer Science And Enginering)	Richa Rawai	18-01-2021 to 22-01-2021	
95	ATAL FDP on Manufacturing Application of Automation and Robotics	Sunii Kumar	26-07-2021 to 30-07-2021	
96	ATAL FDP on Outcome based education	Vishnu Jangid	26-07-2021 to 30-07-2021	
97	ATAL FDP on Photonics	Ankit Agarwal (ECE)	19-07-2021 to 23-07-2021	
98	ATAL FDP on Technology Trends in Smart City	Ashish Pant	09-08-2021 to 13-08-2021	
99	ATAL FDP-Internet of Things (Applications in Medical Science)	Ajay Bhardwaj, Amber Srivastava, Ankit Vijayvargiya, Naveen Kumar Sain, Rohit Mukherjee, Rukhsar Zafar, Smriti Jain	09-08-2021 to 13-08-2021	
100	ATAL Internet Of Things (IOT)	Richa Rawal	08-02-2021 to 12-02-2021	
101	Things (IIOT)	Dheeraj Joshi, Richa Rawai	07-06-2021 to 11-06-202	
102	Sensors Technology (I)	Tarun Naruka	17-08-2020 to 21-08-2020	
103	Sensors Technology (II)	Tarun Natuka	02-11-2020 to 06-11-2020	
104	Digital Image Processing	Rashini Dadilich	07-06-2021 to 11-06-202	
105	Computational Intellience In Earthquake Resistance Design	Jetender Babulal Jangid	03-08-2020 to 08-08-2020	
106	Deep learning, Natural Language Processing With Classification And Vector Spaces	Dolly Mittal	13-06-2020 to 11-07-2020	



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21				
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)		
107	Deeplearning, Natural Language Processing In Tensorflow	Dolly Mittal	09-11-2020 to 05-12-2020		
108	Effective Design & Delivery Of Curriculum In Outcome Based Education, Organised By Jhulelal Institute Of Technology, Nagpur	Rammurti Meena	06-07-2020 to 10-07-2020		
109	Faculty Development Program cum Workshop on Waste to Bioenergy	Anirudh Mathur	28-06-2020 to 04-07-2020		
110	Faculty Development Program On Smart Practices Towards Tomorrow's Electric Power Paradigm	Jitendra Singh, Suman Sharma (EE)	25-05-2021 to 29-05-2021		
111	Faculty Development Program on Traditional Indian Wisdom on Teaching and learning	Vinita Sharma	21-12-2020 to 26-12-2020		
112	Faculty Development Programme on AI & Machine Learning	Achin Srivastav, Deepa Modi, Nidhi Srivastav, Palika Jajoo, Shalini Singhal, Shanu Tripathi, Sunita Gupta	19-04-2021 to 23-04-2021		
113	FDP (ATAL) on 3D Printing Technology	Achin Srivastav, Prem Singh	12-07-2021 to 16-07-2021		
114	FDP (ATAL) on Introduction to Discrete- event modelling and Simulation	Achin Srivastav	26-07-2021 to 30-07-2021		
115	FDP on Advanced Optimization Techniques And Hands On With MATLAB/SCILAB	Ankit Vijayvargiya, Suman Sharma (EE), Vikas Pathak	13-07-2020 to 24-07-2020		
116	FDP on (NITTR) Embedded C Programming of Microcontroller	Abhillandan Jam	16-08-2021 to 20-08-2021		
117	FDP On A Step By Step Guide To Write A Good Research Paper	Ona Ladiwal	15-10-2020 to 21-10-2020		
118	FDP on A2Z of NBA Accreditation Process	Madhukar Kumar	24-08-2021 to 09-09-2021		
119	FDP on Advance Excel with Data Visualization	Deepa Modi, Palika Jajoo, Shanu Tripathi	05-07-2021 to 10-07-2021		
120	FDP on Advance Optimization Techniques and Hands on with MATLAB	Rahul Pandey	06-09-2021 to 17-09-2021		
121	FDP on Advanced civil engineering software usage in infrastructure development	Pooja Jain (CE)	05-07-2021 to 09-07-2021		
122	Antennas	Harshai Nigam	15-02-2021 to 26-02-2021		
123	FDP on Advanced Concepts For Developing Moocs	Sangeeta Choudhary	02-07-2020 to 17-07-2020		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21			
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)	
124	FDP on Advanced Research Methdology & Writing of High Quailty Research Paper	Abhinandan Jain,Achin Srivastav,Ajay Kumar Dhanopia,Ajay Kumar Sharma,Ankit Agarwal (ECE),Ashish Nayyar,Atul Gupta,Baibhav Bishal,Brij Mohan Sharma,Deepak Kumar,Dinesh Kumar Sharma,Harshal Nigam,Kiran Rathi,Maneesha Kaushik,Manoj Kumar Sain,Mansi Meel,Mohammed Sohaib,Neeraj Jain,Ona Ladiwal,Pooja Jain (EE),Praveen Saraswat,Prem Singh,Priyanka Bhaskar,Ravish Pandey,Sandeep Kumar Bhaskar,Sanjay Choudhary,Savita Choudhary,Shubhi Jain,Sunil Kumar,Sunil Lakhawat,Vikas Pathak,Vikash Gautam,Vinay Singh Marwal	24-08-2021 to 28-08-2021	
125	FDP on Advances in Earthquake Engineering	Sunita Tolani	26-07-2021 to 30-07-2021	
126		Ankit Agarwal (ECE)	28-06-2021 to 02-07-2021	
127	FDP on Alternative fuels for IC Engine	Nitin Goyal	02-08-2021 to 06-08-2021	
128	FDP on An Introduction To Statistics In Engineering	Sumit Gupta	15-03-2021 to 19-03-2021	
129	FDP on Application of Mathematical Science In Engineering And Technology	Vivek Vijay	16-09-2020 to 20-09-2020	
130	Durability of Existing Structures	Pooja Jain (CE)	19-07-2021 to 23-07-2021	
131	FDP on Applications of Mathematics In Engineering	Surbhi Sharma	27-07-2020 to 31-07-2020	
132	FDP on Artificial Intelligence	Pankaj Dadheech	31-08-2020 to 04-09-2020	
133	FDP on Artificial Intelligence And Machine Learning In Healthcare	Vikas Pathak	27-07-2020 to 31-07-2020	
134	FDP on Artificial Intelligence in Design and Manufacturing	Dheeraj Joshi	26-07-2021 to 30-07-2021	
135	FDP on Artificial Intelligence Integrated Web Services	Priyanka Sharma (CSE)	25-05-2021 to 29-05-2021	
136	FDP on ASIC design	Mamta Jain	23-08-2021 to 27-08-2021	
137	Education	Vinita Sharma	27-07-2020 to 31-07-2020	
138	Higher Education	Sharda Soni	14-07-2021 to 20-07-2021	
139	FDP on Behaviour of Structures subjected to Extreme Events (Fire/Blast/Earthquake/Wind)	Pooja Jain (CE)	20-09-2021 to 24-09-2021	
140	FDP on Blended And Flipped Approach In Teaching And Learning	Achin Srivastav, Midili Srivastav	24-08-2020 to 28-08-2020	
141	FDP on Computer Networks Simulation	Pankaj Dadheech	10-08-2020 to 14-08-2020	
142	FDP on Concept & Application of	Trivendra Sharma	23-02-2021 to 27-02-2021	
143	FDP on Construction Materials And	Nikhil Kumar Sharma	25-08-2020 to 29-08-2020	



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
144	FDP on Curriculum Development, Research and Publication Ethics	Jyoti Arora, Poonam Ojha, Swati Joshi	02-08-2021 to 09-08-2022
145	FDP on Cyber Security Vulnerabilities & Safeguard	Nidhi Srivastav	12-07-2021 to 16-07-202
146	FDP on Data Science using R	Meenakshi Nawal	13-09-2021 to 17-09-202
147	FDP on Data Science With Statistical Methods using R Programming- Basic Course	Anjana Sangwan, Rashmi Dadhich	21-06-2021 to 25-06-202
148	FDP on Data Sciences	Ajay Bhardwaj	26-10-2020 to 31-10-2020
149	FDP on Demystifying 5G RF Asics	Shubhi Jain	24-08-2020 to 04-09-2020
150	FDP on Demystifying Electric Vehicle – A Green Energy Revolution	Ankit Vijayvargiya, Ankush Tandon, Jinendra Rahul, Jitendra Singh, Mohd Imran, Suman Sharma (EE), Tarun Naruka	14-09-2020 to 18-09-2020
151	FDP on Desalination by using Green Technology	Nitin Goyal	09-08-2021 to 13-08-202
152	FDP on Design & Analysis of Building Structure by Using Extended Three Dimensional Analysis of Building System	Jetender Babulal Jangid	21-12-2020 to 25-12-2020
153	FDP on Designing Pedagogies for Online Teaching & Learning	Deepti Arela, Mehul Mahrishi, Vipin Jain	23-09-2020 to 27-09-2020
154	FDP on Digital Teaching Techniques	Naveen Jain	07-12-2020 to 12-12-2020
155	FDP on Disaster Management Mitigation And Responses	Nikhil Kumar Sharma	10-08-2020 to 14-08-2020
156	FDP on Electric Vehicles Design Development & Challenges	Jinendra Rahul, Jitendra Singh	15-07-2020 to 21-07-2020
157	FDP On Emerging Aspects Of Research Methodology	Maneesha Kaushik, Ravish Pandey, Sunil Kumar	01-02-2021 to 07-02-202
158		Harshal Nigam, Manju Choudhary, Monika Mathur, Mukesh Arora, Namrata Joshi, Neeraj Jain, Pallav Rawal, Pooja Choudhary, Priyanka Sharma (ECE), Ravi Jangir, Shubhi Jain, Swati Arora, Vikas Pathak	14-09-2020 to 18-09-2020
159	FDP on Emerging Trends in Electric Vechile and Infrastructure Development	Avadhesh Kumar Sharma, Baibhav Bishal, Jitendra Singh	12-07-2021 to 17-07-202
160	FDP on Emerging Trends In Power Electronics and Power System	Jitendra Singh, Smriti Jain, Suman Sharma (EE), Tarun Kumar Chheepa	24-08-2020 to 29-08-2020
161	FDP on Emotional Intelligence	Ona Ladiwal	19-10-2020 to 23-10-2020
162	FDP on Entrepreneurship Development	Priyanka Bhaskar	17-08-2020 to 24-08-2020
163	FDP On Entrepreneuship And Start-Up Opportunities Through Tourism & Hospitality Business	Priyanka Bhaskar	14-09-2020 to 18-09-2020
164	EDP on Finite Flament Method with	Brij Mohan Sharma	17-08-2021 to 21-08-202
165	FDP on First Hand Experience on SPSS	Ona Ladiwal	25-07-2020 to 31-07-2020
166	FDP on Foundation of Data Science & its Applications	Nidhi Srivastav, Sunita Gupta	26-07-2021 to 30-07-202
167	FDP on Frontiers of Green Technology: Sustainable Engineering	Poonam Ojha, Swati Joshi	21-09-2021 to 25-09-202
168	FDP on Full -Custom design of IC using mentor Grophics and Synopsys	Surbhi Sharma	09-08-2021 to 21-08-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	A CONTRACTOR OF THE PARTY OF TH	Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
169	EDD on Fundamentals of Machine Learning	Harpreet Singh Gill, Pankaj Kumar Jadwal	07-12-2020 to 12-12-2020
170	EDD on Euturistics Trends in Energy	Vinay Singh Marwal	02-08-2021 to 06-08-2021
171		Nitin Goyal	26-07-2021 to 30-07-2021
172	FDP on Green Technology & Sustainability Engineering	Chandra Mohan Kumar	23-08-2021 to 27-08-2021
173	EDD On Higher Education: Various	Vijay Kumar Singhal	28-06-2021 to 04-07-2021
174	FDP on ICT Tools For Teaching, Learning Process And Institute	Gloria Joseph, Mamta Jain, Sangeeta Choudhary	10-08-2020 to 21-08-2020
175	FDP on Inculcating Universal Human Values in Technical Education	Surbhi Sharma, Chandan Kumar, Monu Gupta, Namita Soni, Nikhil Sharma, Pankaj Dadheech, Sanwta Ram Dogiwal, Vikash Gautam, Poonam Ojha, Swati Joshi	26-07-2021 to 30-07-2021
176	FDP on Industrial Automation using CNC and Intelligent Systems	Manoj Kumar Sain, Praveen Saraswat	16-08-2021 to 20-08-2021
177	FDP on Innovative Trends and Development Trends in ECE	Shubhi Jain	06-09-2021 to 12-09-2021
178	FDP on Internet of Things (IOT) (Applications In Biomedical Instrumentation, Healthcare And Pharma)	Amber Srivastava	12-10-2020 to 16-10-2020
179	FDP on Internet of Things (IOT) Using Amazon AWS	Monika Mathur	27-07-2020 to 07-08-2020
180		Dolly Mittal	22-07-2021 to 19-08-2021
	FDP on Introduction to the Matematical Modelling of smart Materials and their Applications to Sensor and Actuators		12-07-2021 to 16-07-2021
182	FDP on IOT & Embedded Systems	Abhinandan Jain	24-08-2020 to 28-08-2020
183	FDP on IoT Applications with Blockchain Techniques		17-07-2021 to 21-07-2021
184	FDP On Leadership & Excellence	Savita Choudhary	07-09-2020 to 11-09-2020
185	FDP on Life Skill Development of Educators		16-08-2021 to 20-08-2021
186		Geetika Patni, Nidhi Sharma	24-05-2021 to 28-05-2021
187		Suman Sharma (ECE)	10-05-2021 to 21-05-2021
188	EDP on Machine Learning Frontiers in		26-07-2021 to 30-07-2021
189	FDP on Managing Online Classes and Co-	Priyanka Bhaskar	25-07-2020 to 10-08-2020
190	FDP on Manufacturing: Hindsight to	Dheeraj Joshi	16-07-2021 to 20-07-2021
191	Paris and the second of the se	Shalini Shekhawat	21-06-2021 to 25-06-2022
	FDP on Mathematical Tools and Recent		16-08-2021 to 20-08-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21			
	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teacher who attended	Duration (from – to) (DD-MM-YY)	
193	course-traning program) FDP On Nanoelectronic Devices And Circuits Design	Rukhsar Zafar	06-07-2020 to 10-07-2020	
194	FDP On Nanotechnology Based Green Energy Solution For Solar Cells (Ngess- 2020)	Shubhi Jain	10-07-2020 to 14-07-2020	
195	FDP on National Education Policy: 2020 And Higher Education In India	Priyanka Bhaskar	24-05-2020 to 29-05-2020	
196	EDD on Next Generation Of Chemical	Tarun Kumar Chheepa	29-07-2020 to 02-08-2020	
197	Evaluation	Vinay Singh Marwal	26-07-2021 to 30-07-2021	
198	FDP on Novel Prospective of Smart Materials, Hybrid Machining, and Additive Manufacturing	Prem Singh, Trivendra Sharma	26-07-2021 to 10-08-2021	
199		Achin Srivastav, Nidhi Srivastav	17-08-2020 to 21-08-2020	
200	FDP on Operations Research With Engineering Applications	Vijay Kumar Singhal	07-12-2020 to 11-12-2020	
201	FDP on Organizational Behaviour	Maneesha Kaushik Aakriti Snarma, Anjana Sangwan, Anupriya Singn,	26-10-2020 to 30-10-2020	
202	FDP on Outcome Based Education : A Paradigm for assessment and accreditation	Singh, Jyoti Arora, Komal Sharma, Krishna Dayal Sharma, Madhukar Kumar, Manasvi Dixit, Manish Kumar Navlakha, Manju Choudhary, Meenakshi Nawal, Pooja Choudhary, Rajiv Kumar, Rajni Idiwal, Richa Rawal, Rishi Vyas, Sangeeta Choudhary, Sanju Choudhary, Shalini Shekhawat, Shalini Singhal, Sudesh Garg, Suman Sharma (EE), Sumit Gupta, Sunita Gupta, Surbhi Sharma, Swati Arora, Vijay Kumar Singhal, Vinod	24-08-2021 to 28-08-2021	
203			13-09-2021 to 17-08-2021	
204	Digital Natives FDP On Personal Effectiveness	Atul Gupta, Ravish Pandey	02-11-2020 to 06-11-2020	
205	EDP on Photonics Fundamentals &		28-06-2021 to 02-07-2021	
206	FDP on Recent Advancement In	Pankaj Dadheech	27-07-2020 to 01-08-2020	
207	FDP on Recent Advancement In Machine Learning & Artificial Intelligence	Suriita Gupta, Susiilia Visililoi	16-03-2021 to 20-03-2021	
208	FDP on Recent Advances in Earthquake Engineering	Dilai atili ivi	20-09-2021 to 24-09-2021	
209	FDP on Recent Advances in Mechanica Engineering Design	Prem singn	20-07-2021 to 24-07-2021	
210	FDP on Recent Trend In Engineering Research	Akasii saxeiia	05-10-2020 to 09-10-2020	
211	FDP on Recent Trends & Opportunities In	Anirudh Mathur, Jetender Babulal Jangid, Nishant Sachdeva	27-07-2020 to 31-07-2020	



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
212	FDP on Recent Trends in Applications of Mathematics	Jyoti Arora, Pramila Kumawat, Shalini Shekhawat, Vivek Vijay	12-07-2021 to 17-07-2021
213		Namrata Saxena	20-08-2021 to 24-08-2021
Per contract (FDP on Recent Trends in Electric Vehicles	Chandan Kumar	05-07-2021 to 09-07-2021
215	FDP on Recent Trends in Green Technologies for Sustainable Development	Poonam Ojha, Swati Joshi	13-09-2021 to 17-09-2021
216	FDP on Recent Trends In Instrumentation Measurement & Automation	Rammurti Meena	26-10-2020 to 30-10-2020
217		Achin Srivastav, Arun Beniwal, Ashish Nayyar, Deepak Kumar, Dharmendra Hariyani, Madhukar Kumar, Manoj Kumar, Manoj Kumar Sain, Sunil Kumar, Yogesh Kumar Sharma	20-07-2021 to 24-07-2021
218	FDP on Research Issues in VLSI design	Mamta Jain, Neeraj Jain, Vikas Pathak	02-08-2021 to 06-08-2021
219	FDP on Research Trends in Computer Vision and Natural Language Processing	Deepa Modi	19-07-2021 to 23-07-2021
220	FDP on Road-Response Effectiveness, Organising Self, Attiudinal Shift, Decision Making	Atul Gupta, Ravish Pandey	23-11-2020 to 27-11-2020
221	FDP on Robotics, Artificial Intelligence & Control	Sudesh Garg	30-11-2020 to 05-12-2020
222	FDP on Seismic hazard assessment and mitigation techniques	Sunita Tolani	23-08-2021 to 27-08-2021
223	FDP On Self-Relient India Mission	Priyanka Bhaskar	20-07-2020 to 24-07-2020
224	FDP on Signal Processing for 5G and IoT	Abhishek Gupta	06-09-2021 to 10-09-2021
225	FDP on Simulation of Welds and Optimization Techniques	Brij Mohan Sharma	12-07-2021 to 16-07-2022
226	FDP on Smart Cities-Infrastructure And Sustainability	Prachi Kushwaha	24-05-2021 to 28-05-2022
227	FDP on Smart Materials for Energy and	Monu Gupta	26-07-2021 to 30-07-202
228	FDP On Social Enterprise Management	Maneesha Kaushik, Savita Choudhary	23-11-2020 to 27-11-202
229	FDP on Strategic Methods and Tools for Product Development	Trivendra Sharma	22-03-2021 to 26-03-202
230	EDP on Sustainable Construction	Pooja Jain (CE)	26-07-2021 to 30-07-202
231	FDP on Sustainable Green Composites	: I Vikash Gautam	9-08-2021 to 13-08-2021
232	Pavement Performance, Design	, Nikhil Kumar Sharma	26-04-2021 to 01-05-202
233	EDP on Teaching English For Employability	Nidhi Sharma, Shikha	17-08-2020 to 21-08-202
234	FDP on Techno-Economic Assessment of Flexibility Competency in Deregulated Power System		20-09-2021 to 24-09-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
235	FDP on Technology Insights on IOT,	Garima Gupta, Nikhar Bhatnagar, Pankaj Dadheech, Priyanka Sharma (CSE), Sanwta Ram Dogiwal	18-08-2021 to 28-08-2021
236	FDP on The Challenges In Strengthening Clean Technology Entrepreneurship	Sheeba Anjum	25-01-2021 to 05-02-2021
237	FDP on the theme Inculcating Universal Human Values in Technical Education	Pramila Kumawat	05-07-2021 to 09-07-2021
238	FDP on Thermodynamic Analyses of Energy Systems	Arun Beniwal	12-07-2021 to 16-07-2021
239	FDP on Training program on Digital Tools for Writing, Authoring and Reviewing Manuscripts		12-07-2021 to 23-07-2021
240	FDP Recent Advances in Nano-Photonics Technology (RANPT2020)	Shubhi Jain, Swati Arora	14-12-2020 to 19-12-2020
241	Five Day FDP on Issues And Challenges In Grid Integration With Renewable Energy	Chandra Monan Kumar	21-09-2020 to 25-09-2020
242	Five Days FDP on Modern Construction Techniques & Management Sponsored TEOIP III RTU (ATU)	Abhishek Jain	02-03-2021 to 06-03-2021
243	Five Days FDP On Cultivating Excellence In Implementation Of Computation-Al Science For Scientific And Technological Innovations	Rammurti Meena	14-06-2021 to 18-06-2021
244	Five Days FDP On Electrical & Computer Engineering	Rammurti Meena	08-02-2021 to 12-02-2021
245	Five Days FDP On Energy Engineering	Mohd Imran	05-02-2021 to 09-02-2021
246	Five Days FDP on Nanotechnology Based	Abhinandan Jain, Archana Saxena, Gloria Joseph, Jay Prakash Vijay, Kiran Rathi, Lalit Kumar Lata, Neeraj Garg, Rahul Pandey, Rajni Idiwal, Richa Sharma, S K Bhatnagar, Suman Sharma (ECE), Sunil Lakhawat, Vikas Ranyeer Singh Mahala	10-09-2020 to 14-09-2020
247	Five Days National Level Online FDP On Graph Theory		29-06-2021 to 03-07-2021
248	Five Days Online FDP Research Methodology	Deepti Arela	10-05-2021 to 14-05-2021
249	Five Days Online Workshop On Recent Trends In VLSI Devices/Circuits And Applications		01-10-2020 to 05-10-2020
250	Five Days Online Workshop/FDP or		11-07-2020 to 20-07-2020
251	Five-Days Boot-Camp Competitive	Naveen Jain	03-07-2020 to 08-07-2020
252	IEEE AP-S Jaipur School on Microwaves Millimeter Waves and Terahert: Techniques & 2nd International Workshop on Metamaterial & its Applications	Rrairai Sharma, Komal Sharma	17-07-2021 to 23-07-2021
253	IEEE workshop on advances in Nanophotonic devices and sensors	Ankit Agarwal (ECE)	04-10-2021 to 08-10-2021

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21				
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)		
254	Industion/Orientation Programme For	Savita Choudhary, Shalini Shekhawat	10-11-2020 to 09-12-2020		
255	International E-FDP on Fixed Point Theory And Its Applications	Deepika Jain	15-09-2020 to 19-09-2020		
256	International FDP On Recent Advances In	Archana Saxena	15-02-2021 to 19-02-2021		
257	International FDP on Role of Materials and Processing in Addtive Manufacturing: 3D Printing to Industry-2020	Dheeraj Joshi	19-07-2020 to 24-07-2020		
258	International Online workshop on Documentation Through Latex	Chandra Prakash Jain	18-06-2021 to 22-06-2021		
259	Machine Learning And Deep Learning Research And Applications Perspectives (Part-3)		14-09-2020 to 19-09-2020		
260	Multidisciplinary Research Innovation In Engineering, Science and Technology for Sustainable Development		26-10-2020 to 07-11-2020		
261	National Level One Week Online FDP On Number Theory And Its Applications	Pramila Kumawat, Surbhi Sharma, Vijay Kumar Singhal	14-06-2021 to 19-06-2021		
262	NITTR FDP on Nanomaterials and their characterization	Abninandan Jain	27-09-2021 to 01-10-2021		
263	NITTTR FDP on Image Processing Using Matlab	Harshal Nigam	27-09-2020 to 31-09-2020		
264	NPTEL - FDP - Automation in Manufacturing	Vinay Singh Marwal	01-09-2020 to 01-12-2020		
265	NPTEL - FDP - Rapid manufacturing	Vinay Singh Marwal	01-09-2020 to 01-12-2020		
266	NPTEL AICTE FDP Emotional Intelligence	Shanu Tripathi	18-01-2021 to 12-03-2021		
267	NPTEL- AICTE FDP On Principles Of Casting Technology	Monu Gupta	01-01-2021 to 01-03-2021		
268	NPTEL- AICTE FDP On Renewable Energy Engineering: Solar, Wind And Biomass Energy System		01-01-2021 to 01-03-2021		
269	NPTEL AICTE FDP Software Engineering	Richa Rawal	01-09-2020 to 31-12-2020		
270	NPTEL-AICTE Faculty Development		14-09-2020 to 04-12-2020		
271	NPTEL-AICTE FDP introduction To Internet Of Things	Snanu Tripatni	14-09-2020 to 04-12-2020		
272	NPTEL-AICTE FDP On Fabrication Techniques For MEMs-Based Sensors: Clinical Perspective		21-07-2020 to 12-12-2020		
273	NPTEL-AICTE FDP on Introduction To Abstract Group Theory	Amber Srivastava	14-09-2020 to 11-11-2020		
274	NPTEL-AICTE FDP on Introduction to	Anjana Sangwan	01-09-2020 to 20-12-2020		
275	NPTEL-AICTE FDP On Marketing Management-I	Maneesha Kaushik	15-09-2020 to 15-11-2020		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
276		Sudesh Garg	01-01-2021 to 01-03-2021
ALPER VILLE CO.	NPTEL-AICTE FDP on Programming in C++	Palika Jajoo	22-08-2020 to 11-09-2020
278	NOTEL AICTE FOR on Technical English For	Brij Mohan Sharma, Naveen Kumar Sain	01-09-2020 to 01-11-2020
279	NPTEL-AICTE FDP Programming in C++	Dolly Mittal	07-09-2020 to 14-11-2020
280	NPTEL-Introduction To Mechanical Vibration	Prem Singh	01-09-2020 to 01-12-2020
281	One Week Capacity Buiding Workshop On Outcome Based Education and NBA Accreditaion Process	Dheeraj Joshi, Rajni Idiwal	27-07-2020 to 31-07-2020
282	One week e-STTP on Future Perspective of Electrical Power	Jinendra Rahul, Jitendra Singh	09-10-2020 to 13-10-2020
283	One Week FDP on Code of Conduct & Professional Ethics	Aakriti Sharma, Achin Srivastav, Ajay Kumar Sharma, Atul Gupta, Brajraj Sharma, Chandan Kumar, Chandra Prakash Jain, Deepa Modi, Deepika Jain, Dharmendra Hariyani, Jay Prakash Vijay, Jitendra Singh, Komal Sharma, Krishna Dayal Sharma, Madhukar Kumar, Manasvi Dixit, Manoj Kumar, Nawal Kishor Jangid, Nidhi Srivastav, Nitin Goyal, Ona Ladiwal, Poonam Ojha, Pramila Kumawat, Prem Singh, Sandeep Kumar Bhaskar, Sangeeta Choudhary, Sanjay Choudhary, Shalini Shekhawat, Shanu Tripathi, Shubhi Jain, Sudesh Garg, Suman Sharma (EE), Sunil Kumar, Swati Joshi, Trivendra Sharma, Vikas Pathak, Yogesh Kumar Sharma	16-08-2021 to 21-08-2021
284	One week FDP on Recent Advances In Power Electronics Drive And Renewable Energy		15-09-2020 to 19-09-2020
285	One Week FDP On Renewable Energy : Research to Industry	Tarun Naruka	22-08-2020 to 13-09-2020
286		Shalini Shekhawat	26-04-2021 to 01-05-2021
	One week International workshop on MIMO and Beamforming Antennas For Wireless And Satellite Applications		26-04-2021 to 30-04-2021
288	One week National Level FDP on Multi- Technologies	Harpreet Singh Gill, Rubal Deep Gill	28-06-2021 to 03-07-2021
289	One week online short term course or Power System Restructuring & Renewable Energy Integration (PSRREI)2.0		13-07-2020 to 17-07-2020
290	One Week STTP On Measurement And Control For Industrial Automation	Tarun Naruka	05-10-2020 to 09-10-2020
291	One week STTP on Predictive Analytics Using Artificial Intelligence	Deepa Modi, Mendi Maniisiii	02-11-2020 to 07-11-2020
292	One Week TEQIP-III Sponsored FDP or	n e Abhishek Jain, Ankur Mishra, Nikhil Kumar Sharma	25-02-2021 to 01-03-2021



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

men. 311		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
293	Online Advanced FDP on Emerging Trends in the Field of Artificial Intelligence and Machine Learning Applications	Deepa Modi	20-09-2021 to 24-09-2021
294	Online ATAL FDP on 3D Printing & Design	Vinay Singh Marwal	07-09-2020 to 11-09-2020
295	Online ATAL FDP on Advances In Manufacturing	Brij Mohan Sharma	04-01-2021 to 08-01-2021
296	Online ATAL FDP on Artificial Intelligence	Sunita Gupta	04-01-2021 to 08-01-202
297	Online ATAL FDP on Big Data Analytics With Deep Learning	Sunita Gupta	18-08-2020 to 22-08-2020
298	Online ATAL FDP on Computer Science & Biology	Sushila Vishnoi	15-12-2020 to 19-12-2020
299	Online ATAL FDP on Data Science Using Python	Yogendra Gupta	23-11-2020 to 27-11-2020
300	Online ATAL FDP on Design Thinking	Sumita	18-01-2021 to 22-01-202
301	Online ATAL FDP on Energy Engineering	Deepti Arela, Rammurti Meena	25-12-2020 to 29-12-202
302	Online ATAL FDP on Internet of Things (IOT)	Sunita Gupta, Sunil Dhankhar, Abhinandan Jain, Harshal Nigam, Neeraj Jain	24-08-2020 to 28-08-202
303	Online ATAL FDP on Novel Materials	Vinay Singh Marwal	18-09-2020 to 22-09-202
304	Online Faculty Development Program on Capacity Building	Ankit Agarwal (ME)	12-10-2020 to 16-10-202
305	Online Faculty Development Program Strategic Civil Infrastructure	Ankur Mishra	23-11-2020 to 27-11-202
306	Online FDP Blended Learning And Flipped Classroom	Deepa Modi, Shanu Tripathi	07-09-2020 to 11-09-202
307	Online FDP on Block Chain	Rashmi Dadhich, Sunita Gupta	24-08-2020 to 28-08-202
308	Online FDP on Computational Tools & Techniques: Matlab	Kiran Rathi	27-07-2020 to 31-07-202
309	The second secon	Suman Sharma (EE)	01-02-2021 to 05-02-202
310	Online FDP on Emotional Intelligence	Naveen Jain	13-10-2020 to 17-10-202
311	Online FDP on Internet of Things (IOT)	Kanak Giri	07-09-2020 to 11-09-202
312	Online FDP on RISC-V VLSI Implementation Flow: RTL2GDS	Manju Choudhary	27-03-2021 to 10-04-202
313	Online FDP on Road- Response, Effeectiveness, Organizing Self, Attitudinal Shift, Decision Making	l Anupriya Singh	07-09-2020 to 11-09-202
314	Online FDP on System Design Methodologies For Embedded, IOT, AI, & HPC Using Intel Fpga		19-04-2021 to 30-04-202
315	Online Induction Programme on Advances In Renewable Energy Technology Opportunities & Challenges-Phase-II	s / Manoj Kumar	06-04-2021 to 12-04-202
316	Online Non-credit course on Blockchair Basics	Sunita Gupta	10-06-2020 to 10-07-202
317	Online Non-credit course Programming Fo		05-06-2020 to 17-07-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21			
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)	
318	Online Non-credit Course Python Basics	Dolly Mittal	01-09-2020 to 29-09-2020	
319	Online QIP Short Term Course On Advanced Technology For Materials Engineering	Vinita Sharma	19-01-2021 to 24-01-2021	
320	Online Short term Course on Recent Trends In Mechanical Engineering (RTME-2021)	Prem Singh, Trivendra Sharma	01-02-2021 to 12-02-2021	
321	Online Short Term Course Spectroscopic Techniques For Materials Characterization"	Vinita Sharma	04-01-2021 to 08-01-2021	
322	Online STTP (Phase-II) on Empowering The Moral Values, Ethics And Behavioral Attitude In Teaching Skills Among Teachers		18-01-2021 to 23-01-2021	
323	Online STTP on Advanced Trends, Techniques And Practices In Civil Engineering	Saurabh Singh	06-07-2020 to 10-07-2020	
324	Online STTP on Moral, Values, Attitude And Behaviour Sciences	Amit Bansal	08-02-2021 to 13-02-2021	
325	Online STTP on Outcome Based Education With Assessment And Evaluation	Deepa Modi, Shanu Tripathi	23-11-2020 to 28-11-2020	
326	Online STTP on Python Based Machine Learning, Fundamentals to Application [Phase-II]	Harnreet Sinen Gill, Privanka Stiattila (CSE), Nubai Deeb	18-01-2021 to 23-01-2021	
327	Online STTP on Software Packages For Mathematics In Engineering	Chandra Prakash Jain, Nawal Kishor Jangid, Vijay Kumar Singhal	21-12-2020 to 28-12-2020	
328	Online Training Program on Power Quality & Energy Auditing		03-08-2020 to 17-08-2020	
329	Online Training Programme on Digital Tools For Writing, Authoring & Reviewing Manuscripts	Ankit Agarwal (ECE), Chandan Kumar	21-09-2020 to 02-10-2020	
330	Online Two Week Lecture Series on Contemporary Critical Theories	Anupriya Singh	25-08-2020 to 07-09-2020	
331	Online Two Week Refresher Course in mathematical Sciences	Sangeeta Choudhary	14-06-2021 to 28-06-2021	
332	Online workshop Inculcating Universal Human Values In Technical Education	Atul Gupta, Dinesh Kumar Sharma, Garima Gupta, Ravish Pandey	12-10-2020 to 16-10-2020	
333	Online Workshop on Outcome Based	Abhishek Gupta, Gloria Joseph, Ravi Jangir, Rukhsar Zafar, Sushila Vishnoi, Vivek Sharma	19-10-2020 to 23-10-2020	
334	Online workshop on Recent Trends Ir Domination And Graph Labelling (RTDGI 2021)	it nandra Prakash Jain. Nawai Kishor Jangiu, Vilay	27-05-2021 to 31-05-2021	
335		Girish Sharma	01-09-2020 to 15-12-2020	
336	Python And Mobile Application Development	Pankaj Dadheech	24-09-2020 to 29-09-2020	



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
337	RTU(ATU) TEQIP-III Sponsored Workshop On Simulation Software For Electrical Engineers	Jitendra Singh, Shubhi Jain, Suman Sharma (EE), Vikas Ranveer Singh Mahala, Vivek Sharma	08-02-2021 to 12-02-2021
338	RTU(ATU)TEQIP-III Sponsored Student Workshop Hands on Training In MATLAB	Akash Deo, Jitendra Singh, Kavita Jain, Manish Kumar Navlakha, Suman Sharma (EE)	12-12-2020 to 16-12-2020
339	Short – Term Course On Journey From Semiconductor Physics To Smart Devices To Intelligent Automation	Rishi Vyas	01-05-2021 to 05-05-2021
340	Short Term Course of Restructured Electricity Supply System: Operation And Planning	Suman Sharma (EE)	15-03-2021 to 19-03-2021
341	Short Term Course on Nanomaterials For	Poonam Ojha, Swati Joshi, Vikas Vyas, Vinita Sharma	17-11-2020 to 21-11-2020
342	Short Term Course on Sustainable Construction Practices	Anirudh Mathur	12-10-2020 to 18-10-2020
343	Short Term Course Recent Trends In Power Electronics And Power System (E-Rteps) 2021	The state of the s	17-01-2021 to 22-01-2021
344	Short term program on Disaster Management	Vinita Sharma	23-08-2021 to 28-08-2021
345	Short Term Training Program (STTP-III) on Recent Advances in Nano-Photonics Technology (RANPT 2021)	Abhinandan Jain, Rajni Idiwal, Shanu Tripathi	15-02-2021 to 20-02-2021
346	Six Days AICTE Sponsored Phase -IV STTP On Writing And Publishing High Impact	Abhishek Gupta	02-11-2020 to 07-11-2020
347	Six Days Online Inducation Programme Advances In Renewable Energy Technologies: Opportunities And Challenges (Phase-I)	Brairai Sharma	02-03-2021 to 08-03-2021
348	Statistical Learning-Based Internet Of Things (IOT)	Naveen Jain, Pankaj Dadheech	10-03-2021 to 14-03-2021
349	STTP on Advances In Power Electronics To		16-11-2020 to 21-11-2020
350	STTP on Application Of Software For Analysis And Design Using Is 456:2000 And IS 13920		14-09-2020 to 18-09-2020
351	STTP on Assessment And Evaluation of	Lalit Kumar Gupta	21-09-2020 to 25-09-2020
352	STTP on Character Building Through Mora	Ravish Pandey	22-03-2021 to 27-03-2023
353		Deepa Modi, Nidhi Srivastav, Sunita Gupta	08-03-2021 to 12-03-202
354	STTP on Data Analytics And Machine	Rashmi Dadhich	03-08-2020 to 08-08-2020



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
355	STTP on Design Of Earthquake Resistant Rcc Buildings Using Fundamental Principles Of Limit State Method And Beyond		28-09-2020 to 02-10-2020
356	STTP on Electric Research Trends In Manufacturing- Part 2	Sanjay Bairwa	21-12-2020 to 26-12-2020
357	STTP on Electric Research Trends In Manufacturing- Part 3	Deepak Kumar, Sanjay Bairwa	15-03-2021 to 20-03-2021
358	STTP on Electric Research Trends In Manufacturing Part-1	Sanjay Bairwa	05-10-2020 to 10-10-2020
359	STTP on Electric Vehicle Battery Charging System With Renewable Energy Sources (Evbcs)		02-11-2020 to 07-11-2020
360	STTP on Electrical Power System	Suman Sharma (EE)	19-10-2020 to 24-10-2020
361	STTP On Emerging Trends In Robotics And Its Applications	Mamta Jain	09-09-2020 to 14-09-2020
362	STTP on Envionmental Imacts of Covid-19 Panademic Challenges and Remedies of Science And Engineering	Ajay Kumar Sharma, Pawan Kumar Jain, Rajiv Kumar	27-07-2020 to 31-07-2020
363	STTP on Image Processing & Application	Sushila Vishnoi	21-09-2020 to 26-09-2020
364	STTP on Image Processing and Its Application	Pankaj Dadheech, Sushila Vishnoi	24-08-2020 to 29-08-2020
365		Madhukar Kumar, Manoj Kumar Sain, Praveen Saraswat, Prem Singh, Sanjay Bairwa, Sudesh Garg, Vishnu Jangid, Yogesh Kumar Sharma	09-08-2021 to 14-08-2021
366	STTP on Innovative and Inventive problem solving	Swati Arora	13-07-2021 to 18-07-2021
367	STTP on Introduction to IS 1893-201	Lalit Kumar Gupta	17-08-2020 to 21-08-2020
368	STTP on Introduction to IS 800-2007	Lalit Kumar Gupta	31-08-2020 to 04-09-2020
369	STTP on IOT And Advanced Power Electronics Applications In Smart Grid- Phase-III	The second secon	14-09-2020 to 18-09-2020
370	STTP on Leadership And Team Building In Academia	Lalit Kumar Gupta	13-07-2020 to 17-07-2020
371	STTP on Lecture Series on Recent Trends in Electronics & Communication Engineering (RTECE-2021)	IAnninangan lain Harsnai Nigam Monika Mainiir.	20-09-2021 to 24-09-2021
372	STTP On Machine Learning & Its Application To Big Data Phase-I	Vipin Jain	14-09-2020 to 19-09-2020
373	STTP on Machine Learning & Its Application to Big Data Phase-III	Sushila Vishnoi, Vipin Jain, Neha Janu	23-11-2020 to 28-11-2020
374	STTP on Machine Learning And Smart Electronics System (MISES-2020)	Priyanka	14-09-2020 to 19-09-2020



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
375	STTP on Mathematical Softwares	Amber Srivastava, Amit Bansal, Brij Mohan Sharma, Chandra Prakash Jain, Komal Sharma, Madhukar Kumar, Manasvi Dixit, Manu Augustine, Nawal Kishor Jangid, Pramila Kumawat, Rohit Mukherjee, Sandeep Kumar Bhaskar, Sangeeta Choudhary, Shalini Shekhawat, Sumit Gupta, Surbhi Sharma, Vijay Kumar Singhal, Vivek Vijay	13-09-2021 to 17-09-2021
376	STTP on Matlab Statistics And Data Sciences	Nawal Kishor Jangid, Shalini Shekhawat, Sumit Gupta, Vijay Kumar Singhal, Vivek Vijay	27-07-2020 to 01-08-2020
377	STTP on NBA Accreditation	Lalit Kumar Gupta	12-10-2020 to 16-10-2020
378	STTP on Next genration wireless technology 5G and beyond	Naveen Jain	12-07-2021 to 17-07-2021
379	STTP on Optical Fiber Communication	Gloria Joseph, Manasvi Dixit, Rajiv Kumar	26-07-2021 to 30-07-2021
380	STTP on Philosophy of Ductility RCC Design as per IS 13920-2016	Lalit Kumar Gupta	24-08-2020 to 28-08-2020
381	STTP on Recycling Materials in Highway Construction	Nishant Sachdeva	19-07-2021 to 24-07-2021
382	STTP on Renewable Energy Sources and Emerging Technologies	Komal Sharma, Manasvi Dixit	06-09-2021 to 10-09-2021
383	STTP on Repair And Rehabilitation of Structures	Anirudh Mathur	16-11-2020 to 21-11-2020
384	STTP on Sensor Networks, Internet of Things And Internet of Everything	Rashmi Dadhich	31-05-2021 to 05-06-2021
385	STTP on Smart Grid and Big Data Analysis	Avadhesh Kumar Sharma	09-08-2021 to 14-08-2021
386	STTP on Software Packages for Mathematics in Engineering	Sangeeta Choudhary	23-11-2020 to 28-11-2020
387	STTP on Solution Of Differential Equations And Its Applications	Sumit Gupta	04-01-2021 to 08-01-2021
388	STTP on Tableau - Data Visualization Tool For Researchers	Rashmi Dadhich	31-08-2020 to 05-09-2020
389	STTP on Teaching Skill Development	Lalit Kumar Gupta	05-10-2020 to 09-10-2020
390	STTP on Wireless Communication	Ankit Agarwal (ECE)	20-07-2020 to 25-07-2020
391	STTP on Writing And Publishinh High Impact Research Publications And Scientific Documents		19-10-2020 to 24-10-2020
392	STTP on Writing Research Proposals	Lalit Kumar Gupta	03-08-2020 to 07-08-2020
393	TEQIP Sponsored FDP on Python Programming	Manender Kumar Beniwai	02-12-2020 to 06-12-2020
394	TEQIP-III (ATU) FDP on Recent Trends In	Ajay Kumar Dhanopia, Arun Beniwal, Brij Mohan Sharma, Chandra Mohan Kumar, Dharmendra Hariyani, Jitendra Kumar, Madhukar Kumar, Manoj Kumar Sain, Mohammed Sohaib, Monika Khurana Monu Gupta, Prem Singh, Sandeep Kumar Bhaskar, Sanjay Bairwa, Saurabh Gupta, Sudesh Garg, Sunil Kumar, Triyendra Sharma, Vishnu Jangid	07-09-2020 to 11-09-2020
395	TEQIP-III FDP on Capacity Building Program		22-01-2021 to 26-01-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
396	TEOID III EDD on Cubor Socurity & Forencie	Deepa Modi	22-02-2021 to 26-02-2021
397	TEQIP-III FDP on Student-Centered Teaching Methods And Strategies In Higher Education	Achin Srivastav, Ajay Kumar Sharma, Ankit Vijayvargiya, Arun Beniwal, Atul Gupta, Avadhesh Kumar Sharma, Deepti Arela, Dharmendra Hariyani, Dinesh Kumar Sharma, Garima Gupta, Harpreet Singh Gill, Jinendra Rahul, Jitendra Singh, Kavita Jain, Komal Sharma, Manasvi Dixit, Manoj Kumar, Mehul Mahrishi, Monu Gupta, Neeraj Garg, Nikhil Sharma, Prem Singh, Rajiv Kumar, Rammurti Meena, Rubal Deep Gill, Saurabh Gupta, Savita Choudhary, Sumita, Surbhi Sharma, Vikas Ranveer Singh Mahala, Vinay Singh	10-08-2020 to 14-08-2020
398	TEQIP-III Online Short Term Course on Advances In Materials Manufacturing Processes And Properties		06-07-2020 to 10-07-2020
399	TEQIP-III RTU (ATU) Sponsored FDP on Applications of AI in Healthcare	Deepa Modi, Mehul Mahrishi, Nidhi Srivastav, Vipin Jain	27-01-2021 to 31-01-2021
400	TEQIP-III Short Term Course on Finite Element Method and Applications	Mark (2012)	28-12-2020 to 01-01-2021
401	TEQIP-III Sponsored Faculty Development Programme On Emerging Trends In Organic Electronics (ETOE-2020)		27-07-2020 to 29-07-2020
402	TEQIP-III Sponsored FDP on Advancements In Green And Sustainable Energy	Chandan Kumar	26-12-2020 to 30-12-2020
403	TEQIP-III Sponsored FDP on Alternative Fuels	Achin Srivastav, Ajay Kumar Dhanopia, Arun Beniwal, Brij Mohan Sharma, Deepak Kumar, Dinesh Kumar Sharma, Jitendra Kumar, Madhukar Kumar, Monu Gupta, Namita Soni, Naveen Kumar Sain, Nikhil Sharma, Nitin Goyal, Prem Singh, Sandeep Kumar Bhaskar, Saurabh Gupta, Suresh Chaudhary, Trivendra Sharma, Vikash Gautam, Vinay Singh Marwal, Yogesh Kumar Sharma	01-03-2021 to 05-03-2021
404	TEQIP-III Sponsored FDP on Application of Mathematical Science in Engineering and Technology	Chandra Prakash Jain, Deepika Jain, Jyoti Arora, Shalini	23-09-2020 to 27-09-2020
405	TEQIP-III Sponsored FDP on Applications of Matlab Tools	Deep Gill, Shanu Tripathi, Sunita Gupta	26-12-2020 to 30-12-2020
406	TEQIP-III Sponsored FDP on Arduino And		19-01-2021 to 23-01-202
407	TEQIP-III Sponsored FDP on Artificial Intelligence & Data Analytics With Matlab	Deepak Kumar, Mukesh Kumar Gupta, Tarun Kumar Chheepa	08-08-2020 to 12-08-2020
408	TEQIP-III Sponsored FDP on Atmnirbhar Bharat Encourasing Enterprise In Rura Communaties		04-08-2020 to 06-08-2020



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2020-21			
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)	
409	TEOLO III Spansared EDP on Computational	Jyoti Arora	08-02-2021 to 12-02-2021	
410	TEQIP-III Sponsored FDP on Computer Vision And Pattern Recognitation	Brajraj Sharma	18-12-2020 to 22-12-2020	
411	TEQIP-III Sponsored FDP on Current Trends In Solar And Wind Technologies	Deepti Arela, Sarfaraz Nawaz	16-01-2021 to 20-01-2021	
412	TEQIP-III Sponsored FDP on Effects of	Deepak Kumar, Sanju Choudhary	25-01-2021 to 29-01-2021	
413	TEQIP-III Sponsored FDP on Embedded Systems And IOT (ESI-2020)	Abhinandan Jain, Abhishek Gupta, Ajay Bhardwaj, Baibhav Bishal, Deepa Modi, Neeraj Garg, Pankaj Dadheech, Pawan Kumar Jain, Raj Kumar Jain, Rammurti Meena, Ravi Jangir, Shanu Tripathi,Smriti Jain, Vikas Ranveer Singh Mahala	04-08-2020 to 08-08-2020	
414	TEQIP-III Sponsored FDP on Emerging Trends In Nano-Electronics (ETNE 2020)	Anurag Sharma, Archana Saxena, Gloria Joseph, Harshal Nigam, Kiran Rathi, Komal Sharma, Lalit Kumar	21-09-2020 to 25-09-2020	
415	TEQIP-III Sponsored FDP on Energy Simulation Of Building	Chandan Kumar	07-09-2020 to 11-09-2020	
416	TEOIP-III Sponsored FDP on	Chandra Prakash Jain	01-02-2021 to 05-02-2021	
417	TEOIP-III Sponsored FDP on Green Energy	Jinendra Rahul, Jitendra Singh, Manish Kumar Navlakha, Rammurti Meena, Smriti Jain, Suman Sharma (EE), Tarun Kumar Chheepa. Tarun Naruka	07-09-2020 to 11-09-2020	
418	TEQIP-III Sponsored FDP on Manufacturing And Recyclization Of Engineering Materials Cemnt,Glass And Ceramics	Anurag Sharma, Deepika Jain, Dheeraj Joshi, Jetender Babulal Jangid, Jyoti Arora, Madhukar Kumar, Nishant Sachdeva, Pooja Jain (CE), Poonam Ojha, Sanjay Bairwa, Smriti Jain, Sudesh Garg, Swati Joshi, Vijay Kumar Singhal	10-08-2020 to 14-08-2020	
419	TEQIP-III Sponsored FDP on Opportunities And Challenges of E-Vehicles In India	S Anirudh Mathur	02-09-2020 to 04-09-2020	
420	TEQIP-III Sponsored FDP on Recen Advances in Electronics and Communication engineering (RAECE-2020)	d Ankit Agarwal (ECE)	17-08-2020 to 21-08-2020	
421	TEOIP-III Sponsored FDP on Renewable	e Amit Bansal, Jetender Babulal Jangid, Vinay Singh Marwal	26-02-2021 to 02-03-2021	
422	TEOIP-III Sponsored FDP on Renewabl	e Ankit Vijayvargiya, Kavita Jain, Rammurti Meena, Suman Sharma (EE)	01-09-2020 to 05-09-2020	
423	TEQIP-III Sponsored FDP on Salesford	Achin Srivastav, Kajal Mathur, Neeraj Garg, Neha Mathur, Nidhi Srivastav, Niketa Sharma, Palika Jajoo, Rashmi Dadhich, Sunil Dhankhar, Sushila Vishnoi	16-09-2020 to 20-09-2020	



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
424	TEQIP-III Sponsored FDP on Soft Computing	Deepti Arela, Kavita Jain, Rammurti Meena, Sarfaraz Nawaz	25-07-2020 to 30-07-2020
425		Ajay Kumar Dhanopia, Ankit Agarwal (ME),Arun Beniwal, Ashish Nayyar, Brij Mohan Sharma, Chandan Kumar, Chandra Mohan Kumar, Deepti Arela, Dinesh Kumar Sharma, Jetender Babulal Jangid, Naveen Kumar Sain, Nitin Goyal, Pooja Choudhary, Prem Singh, Sandeep Kumar Bhaskar, Trivendra Sharma, Vikas Ranveer Singh Mahala, Ashish Pant	24-08-2020 to 28-08-2020
426	TEQIP-III Sponsored FDP on Workshop On Matlab And Its Application	Kiran Rathi	04-01-2021 to 08-01-2021
427	TEQIP-III Sponsored Five Day FDP on Design of Experiments Using Taguchi Technique	Amit Bansal	26-01-2021 to 30-01-2021
428	Renewable Energy	Amit Bansal, Chandan Kumar, Jitendra Kumar, Saurabh Gupta, Sunil Kumar	14-12-2020 to 18-12-2020
429	TEQIP-III Sponsored One Week FDP on Advancements In Green And Sustainable Energy	Amit Bansal	26-12-2020 to 30-12-2020
430	TEQIP-III Sponsored Online Workshop on	Pooja Jain (CE)	06-07-2020 to 10-07-2020
431	TEQIP-III Sponsored Workshop Latex &	Prainila Kumawat, Sumit Gupta, Vivek Tijuy	21-01-2021 to 25-01-2021
432	TEOIP-III Sponsored Workshop on	Manoj Kumar, Mohammed Sohaib, Nikhil Sharma, Pramila Kumawat, Suman Sharma (EE), Sunil Kumar	23-02-2021 to 27-02-2021
433	TEQIP-III Sponsored workshop on	Dhanraj Chitara, Suman Sharma (EE)	02-03-2021 to 06-03-2021
434	TEOIP-III Sponsored workshop on Contro	Dhanraj Chitara	09-03-2021 to 13-03-2021
435	TEQIP-III Sponsored Workshop on Effective Communication & Presentation Skills	Arun Beniwal, Garvit Gupta, Sangeeta Vyas	21-09-2020 to 25-09-2020
436	TEQIP-III Sponsored workshop on Recent	t Dhanraj Chitara	23-02-2021 to 27-02-2021
437	TEQIP-III Sposored FDP on Artificia Intelligence and Its Applications	Mahender Kumar Beniwai, Niketa Sharma	26-12-2020 to 30-12-2020
438	TEQIP-III Sposored FDP on Big Data Analytics	Pankaj Dadrieech, Vipirijani	18-01-2021 to 22-01-2021
439	Things	Falikaj Dadricecii	20-12-2020 to 24-12-2020
440	Things & Artificial Intelligence	Neeraj Garg, Farikaj Dauriceari, Sarika Gapta	15-02-2021 to 19-02-202
441	Learning & Data Science	Pankaj Dadneech, Sanwta Kam Dogiwai	14-12-2020 to 18-12-2020
442	TEQIP-III Sposored FDP on Quantur Computing	Priyanka Sharma (CSE)	02-03-2021 to 06-03-202



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2020-21	
S.No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teacher who attended	Duration (from – to) (DD-MM-YY)
443	course-traning program) TEQIP-III Sposored FDP on Recent Trends in	Priyanka Sharma (ECE)	19-02-2021 to 23-02-2021
444	Circuits and Communication(RTCC) TEQIP-III workshop on Finite Elements Method For Enginers	Pramila Kumawat, Sumit Gupta, Surbhi Sharma	26-12-2020 to 30-12-2020
445	Two Weeks Online Faculty Development Program (FDP) on Deep Learning In Image And Computer Vision Applications	Anjana Sangwan	28-10-2020 to 10-11-2020
446	Two Weeks Online International Workshop	Anirudh Mathur	06-07-2020 to 17-07-2020
447	Universal Human Values For Deeksharambh (Student Induction Program)	Sandeep Kumar Bhaskar	23-11-2020 to 27-11-2020
448	Workshop on Advanced Embedded System Design Using Tiva C Series Microcontroller	Priyanka Sharma (ECE)	28-06-2020 to 07-07-2020
449	Workshop on Advances in Renewable Energy Technologies	Amit Bansal	25-08-2021 to 31-08-2021
450	Workshop on Best Practices For Integrity In Research	Nishant Sachdeva, Sheeba Anjum	17-11-2020 to 21-11-2020
451	Workshop on Bringing Industry and Academia in Language Studies	Sneeda Anjum	15-07-2021 to 21-07-2021
452	Workshop on Documentation Through LATEX	Nawal Kishor Jangid	18-07-2021 to 22-07-2021
453	Workshop on Environment, Water & Disaster Risk Reduction	Nikhil Kumar Sharma, Vikas Vyas	13-07-2020 to 17-07-2020
454	Workshop on Ideation, Innovation, Incubation & Entrepreneurship (IIIE 2021)	Pooja Choudhary, Priyanka Sharma (CSE), Shalini Singhal	12-08-2021 to 14-08-2021
455	Workshop on Incorporating Universal Human Values In Education	Vivek Vijay	25-11-2020 to 30-11-2020
456	Workshop on Inculcating Universal Human Values In Technical Education	Chandra Prakash Jain, Kiran Rathi, Nawal Kishor Jangid, Shalini Shekhawat, Surbhi Sharma, Vijay Kumar Singhal, Vivek Vijay, Jyoti Arora, Pramila Kumawat	19-08-2020 to 23-08-2020
457	Workshop on Introduction to Python Programming	Sunita Gupta	25-01-2021 to 29-01-2021
458	Workshop on Metamaterial and Its	Swati Arora	27-07-2020 to 31-07-2020
459	Workshop on NASI-TMC Summer Schoo on Differential Geometry	Jyoti Arora, Nawal Kishor Jangid, Sumit Gupta, Surbhi Sharma, Vijay Kumar Singhal	05-07-2021 to 24-07-2021
460	Workshop on Soft skills for Capacity Building	Deepak киптаг	06-08-2021 to 12-08-2021
461	Workshop on System Modelling and Artificial Intelligence	Poonam Ojha, Swati Joshi	26-07-2021 to 30-07-2022
462	Workshop on VLSI Design and Embedded	Swati Arora	21-09-2020 to 25-09-2020

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2019-20				
	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teachers who attended	Duration (from – to) (DD-MM-YY)		
1	course-traning program) 7 days BOOTATHON at REC Banda	Harshal Nigam	04-11-2019 to 10-11-2019		
	NOTE				
2	system for UHV Course	Sangeeta Vyas	09-06-2020 to 13-06-2020		
3	AICTE sponsered online workshop on Inculcating Universal Human Values in Technical Education		03-05-2020 to 07-05-2020		
4	Attended STTP Course on Learning physics through simple experiments	Praveen Kumar Jain	02-04-2020 to 10-06-2020		
5	Expert Lecture in TEQIP- III Sponsored Short Term Training Programme on Design Innovation and Research		16-07-2019 to 20-07-2019		
6	Faculty Development Program on Artificial Intelligence	Anjali Pandey, Anjana Sangwan, Deepa Modi, Naveen Jain, Priyanka Sharma (CSE)	22-05-2020 to 26-05-2020		
7	Faculty Development Program on Cyber Security	Palika Jajoo	23-05-2020 to 27-05-2020		
8	Faculty Development Program on Data Science and Artificial Intelligence	Rashmi Dadhich	25-05-2020 to 29-05-2020		
9	Faculty Development Program on Data Science Specialization with Big Data	Priyanka Sharma (CSE), Richa Rawal	22-06-2020 to 27-06-2020		
10	Methodology	Rashmi Dadhich	15-06-2020 to 19-06-2020		
11	Faculty Development Program on Introduction to Machine Learning using Python	Mayank Kumar Jain	25-05-2020 to 29-05-2020		
12	Faculty Development Program on Machine Learning	Рапка Јајоо	01-06-2020 to 07-06-2020		
13	Faculty Development Program on Machine Learning and Deep Learning	Priyanka Sharma (CSE), Rashmi Dadhich, Sunil Dhankhar	10-02-2020 to 19-02-2020		
14	Faculty Development Program on Python and Emerging Trends in Machine Learning	Naveen Jain, Sunii Dhankhar	02-06-2020 to 06-06-202		
15	Faculty Development Program on Python for Data Science		24-06-2020 to 28-06-202		
16	Faculty Development Programme on Cloud infrastructure & Virtualization	Nikhar Bhatnagar,Shanu Tripathi	25-05-2020 to 29-05-202		
17	Faculty Development Programme on Digital initiatives for higher Education	Sunita Gupta	04-06-2020 to 17-06-202		
18	FDP Alternate Technologies in Road Construction Flexible Pavements FDP on Advances in Civil and Structural	Akasn Jonari	25-05-2020 to 29-05-202		
19	Engineering (ACSE - 2020)	Akash Johan, Kishan Lai Jain, Lait Kumai Gupta	15-06-2020 to 19-06-202		
20	FDP on Advances in Electrical Engineering	Akash Saxena, Jinendra Rahul	08-06-2020 to 13-06-202		
21	FDP on Blockchain	Brij Mohan Sharma	27-05-2020 to 31-05-202		
22	FDP on Control Applications of Renewable Energy Systems - Recent Trends and Future Aspects	Baibhav Bishal, Jinendra Rahul, Jitendra Singh	22-06-2020 to 27-06-202		
	FDP on Data Analytics with Python	Achin Srivastav, Nidhi Srivastav	22-06-2020 to 26-06-202		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2019-20				
5. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teachers who attended	Duration (from – to) (DD-MM-YY)		
24	EDD on Digital manufacturing using	Arun Beniwal, Brij Mohan Sharma	22-06-2020 to 27-06-2020		
25	FDP on Eco- Envoiro- Sustainability	Lalit Kumar Gupta	29-06-2020 to 03-07-2020		
26	FDP on Gateway to Innovation	Lalit Kumar Gupta	22-06-2020 to 26-06-2020		
27	FDP on Image and Embedded Processing	Ankit Agrawal (ECE)	27-04-2020 to 01-05-2020		
28	FDP on Internet of Things	Ankit Agrawal (ECE), Praveen Kumar Jain Aakriti Snarma, Ajay kumar Dhanopia, Anjali Pandey, Ankit Agrawal (ECE), Chothmal Choudhary, Harpreet Singh Gill, Kailash Soni, Kajal Mathur, Kanak	10-04-2020 to 14-04-2020		
29	FDP on Internet of Things: Education Canvas	Giri,Mahender Kumar Beniwal,Manju Choudhary,Mayank Kumar Jain,Monika Mathur,Mukesh Kumar Gupta,Naveen Jain, Neeraj Garg,Neha Janu,Neha Mathur,Nidhi Srivastav,Niketa Sharma,Palika Jajoo,Pankaj Dadheech,Pankaj Kumar Jadwal,Pooja Choudhary,Praveen Kumar Jain,Priyanka,Priyanka Sharma (ECE),Ruchika Khandelwal,S R Dogiwal,Shalini Singhal,Sunil	09-11-2019 to 20-11-2019		
30	FDP on Latest Trends and Challenges in IT Industry	Anjali Pandey	15-06-2020 to 20-06-2020		
31	FDP on Latest Wireless and Computing Technologies	Ankit Agrawal (ECE)	14-04-2020 to 18-04-2020		
32	FDP on Low power VLSI design by NITTR Chandigarh	Praveen Kumar Jain	20-04-2020 to 24-04-2020		
33	FDP on Machine Learning	Achin Srivastav, Nidhi Srivastav, Nikhar Bhatnagar	01-06-2020 to 05-06-2020		
34	FDP on Managing Online Classes and Co- Creating MOOCS	Baibhav Bishal, Pooja Jain (EE), Vikas Mahala	20-04-2020 to 06-05-2020		
35	FDP on Nanomaterials and devices by NITTR Chandigarh	Praveen Kumar Jain	27-04-2020 to 01-05-2020		
36	FDP on NBA Accreditation of Engineering Programs by NITTTR Chandigarh	Ankit Agrawal (ECE), Gloria Joseph, Praveen Kumar Jain, Ravi Jangir, Rukhsar Zafar, Swati Arora, Praveen Saraswat, Vikash Gautam	11-05-2020 to 15-05-2020		
37	FDP on Pedagogy of Scientific Writing, Reporting and Scholarly Networks	Praveen Saraswat, Vikash Gautam	19-06-2020 to 23-06-2020		
38	FDP on Python 3.4.3 Madanapalle Institute of Technology & Science & IIT Bombay Spoken Tutorial Project		04-05-2020 to 09-05-2020		
39	FDP on Python 3.4.4	Shalini Shekhawat	26-05-2020 to 30-05-2020		
40	FDP on Python by Spoken tutorial	Anjali Pandey, Ankit Kumar, Mahender Kumar Beniwal	01-06-2020 to 05-06-2020		
41	FDP on Python Programming through INFYTQ Platform	Dolly Mittal	22-06-2020 to 29-06-2020		
42		Priyanka	25-05-2020 to 29-05-2020		
43	FDP on Recent advancement in Artificia Intelligence	Palika Jajoo	23-06-2020 to 27-06-2020		
44	FDP on Recent Trends in Science and	Anurag Sharma	15-06-2020 to 20-06-2020		
45	FDP on Research trends in Mechanica	Chandan Kumar	15-06-2020 to 20-06-2020		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2019-20	
. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teachers who attended	Duration (from – to) (DD-MM-YY)
46	course-traning program) FDP on Role of Machine Learning and Data sciences in Al	Rubal Deep Gill	28-06-2020 to 02-07-2020
47	FDP on Smart Sustainable Cities	Saurabh Singh	25-05-2020 to 29-05-2020
48		Naveen Jain	22-06-2020 to 26-06-2020
49	FDP on Theory and Simulations in Robotics	Rajat Goel	01-06-2020 to 07-06-2020
50	FDP on Understanding the concept of Node.JS and React.JS	Rajat Goel	20-05-2020 to 26-05-2020
51	FDP on Waste to Bioenergy	Vikas Vyas	28-06-2020 to 04-07-2020
52	FDP-Advanced Construction Technology	Akash Johari	18-05-2020 to 22-05-2020
53	Five day FDP on Reserch Trends in Image Processing	Abhishek Gupta	15-06-2020 to 19-06-2020
54	Five Days Online Faculty Development Program on LATEX	Sarfaraz Nawaz	19-05-2020 to 23-05-2020
55	Five days online Short Term Course Essential Tools in Optimization	Sustilla Visillioi	25-06-2020 to 29-06-2020
56	Five Days online workshop on Present Trends and Research in Electrical Vehicle	Suman Sharma	27-05-2020 to 31-05-2020
57	GIAN course on principles of biophotonics	Rukhsar Zafar, Vinay Kanungo	24-06-2019 to 05-07-2019
58	International Faculty Development Programme on Research Challenges and Innovations in Renewable Energy Systems		11-05-2020 to 16-05-2020
59	National Level Faculty Development Programme on LaTeX	Achin Srivastav, Deepak Kumar, Mehul Mahrishi, Neeraj Garg, Nidhi Srivastav, Pankaj Kumar Jadwal, Rashmi Dadhich, Sanju Choudhary, Sushila Vishnoi	04-05-2020 to 08-05-2020
60	National Level Online Faculty Development Programme on Artificial Intelligence	Shanu Tripathi	10-06-2020 to 14-06-2020
61	National Virtual FDP on Recent Trends in Advanced Chemistry	Anurag Sharma, Poonam Ojha	08-06-2020 to 13-06-2020
62	National Workshop on Deep Learning	Sunil Dhankhar	09-06-2020 to 13-06-2020
63	National workshop on LaTeX101x: LaTeX for Students, Engineers, and Scientists	Sunil Dhankhar	24-09-2019 to 02-12-2019
64	NPTEL AICTE Faculty Developmen Programme on Antenna	t Komal Sharma	27-01-2020 to 17-04-2020
65	NPTEL AICTE Faculty Developmen Programme on Nanotechnology, Science and Applications		29-07-2018 to 20-09-201
66	NPTEL AICTE Faculty Developmen Programme on Physics of Materials	Rishi vyas	29-08-2019 to 18-10-201
67	NPTEL AICTE Faculty Development Programme on Solar Photovoltaic Fundamentals, Technology and	s Manasvi Dixit, Rajiv Kumar	29-07-2018 to 20-09-201
68	Applications NPTEL Course with FDP certificate Fundamentals of Electronic Device & fabrication		29-07-2019 to 23-08-201



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

Session 2019-20				
S. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher	Name of teachers who attended	Duration (from – to) (DD-MM-YY)	
69	course-traning program) NPTEL FDP on Deep Learning	Girish Sharma	29-07-2019 to 18-10-2019	
		Sharda Soni	29-07-2019 to 23-08-2019	
71	NPTEL online FDP on Developing Soft Skills	Sharda Soni	26-08-2019 to 18-10-2019	
72	and Personality NPTEL-AICTE FDP on Cloud Computing	Palika laino	29-08-2019 to 18-10-2019	
72	NPTL-AICTE FDP on A short lecture series	Palika Jajoo	23-00-2013 to 10-10-2013	
73	on contour integration in the complex plane	Sangeeta Choudhary	29-07-2019 to 23-08-2019	
74	NETT-AICTE EDP on Advanced Concrete	Pooja Jain (CE)	08-07-2019 to 25-10-2019	
75	NPTL-AICTE FDP on Introduction to Programming in C	Jyoti Arora	29-07-2019 to 20-09-2019	
76	NPTL-AICTE FDP on The joy of Computing Using Python	Sunita Gupta	29-07-2018 to 18-10-2019	
77	One Week AICTE recognized FDP on Nanomaterials and their application	Manju Choudhary, Pooja Choudhary	26-06-2020 to 02-07-2020	
78	One Week AICTE recognized FDP on Thin film and their application	Abhinandan Jain	22-06-2020 to 26-06-2020	
79	One week AICTE recognized online FDP on 8051 and its Applications	Pooja Choudhary	18-05-2020 to 22-05-2020	
80	One Week Faculty Development Program on Python	Niketa Sharma, Priyanka Sharma (CSE)	01-06-2020 to 05-06-2020	
81	One Week Faculty Development Programme on Antenna Trends	Pawan Kumar Jain, Braj Kaj Sharma	01-07-2019 to 05-07-2019	
82	One week FDP on AI & Machine Learning by E & ICT Academy	Vikas Pathak	23-12-2019 to 27-12-2019	
83	One week FDP on Methodologies and Challenges in Digital IC and Memory Design	Vikas Pathak	11-12-2019 to 15-12-2019	
84	One Week in Online AICTE Recognized FDP on Management Skills for Professional Teacher Excellence		25-05-2020 to 29-05-2020	
85	One Week National Faculty Development Program on Latex	Sangeeta Choudhary	09-06-2020 to 15-06-2020	
86	One week National Level online FDP on Arduino organized in association with SPOKEN Tutorial Project		28-04-2020 to 04-05-2020	
87	One week online International FDP on Skilling Teachers for online Education	Vijay Kumai Singhai	02-06-2020 to 06-06-2020	
88	One week online workshop on Next Generation Software Tools & trends for Industrial Solutions: Current Practices	Abhishek Gupta, Pooja Choudhary	13-06-2020 to 17-06-2020	
89	One week Short Term Training Program on Internet of Things: Education Canvas	Rashmi Dadhich, S R Dogiwal, Sanju Choudhary, Shanu Tripathi	02-03-2020 to 07-03-2020	
90	Online Faculty Development Program on Advances in Civil and Structural Engineering	IPOOIA Jain (CE)	15-06-2020 to 19-06-2020	
91	Online FDP on Internet of Things (IoT) by	Pooja Choudhary, Praveen Kumar Jain	04-05-2020 to 08-05-2020	
92	Online FDP on Research Methodology with hands on Research paper Writing	Shubhi Jain	01-06-2020 to 05-06-2020	

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2019-20				
	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teachers who attended	Duration (from – to) (DD-MM-YY)		
93	Online Workshop on Comprehensive e-	Pooja Jain (EE)	25-05-2020 to 05-06-2020		
94	Short Term Training Program on Internet of Things and its application in industry	Nidhi Srivastav, Pooja Jain (EE)	08-06-2020 to 12-06-2020		
95	Short Term Training Program on Python	Anjali Pandey, Nikhar Bhatnagar, Priyanka Sharma (CSE)	08-06-2020 to 13-06-2020		
96	Short Term Training Program on Sensor,	Deepa Modi, Garima Gupta, Priyanka Sharma (ECE), Shanu Tripathi, Sushila Vishnoi	01-06-2020 to 05-06-2020		
97	STTP on CAD-CAM and Advanced Manufacturing	Achin Srivastav,Ajay Kumar Dhanopia,Ankit Agrawal (ME),Arun Beniwal,Chandan Kumar,Deepak Kumar,Dheeraj Joshi,Manoj Kumar Sain,Naveen Kumar Sain,Nikhil Sharma,Praveen Saraswat,Prem Singh,Sandeep Kumar Bhaskar,Sudesh Garg,Sushil Surana,Trivendra Kumar Sharma,Vinay Singh Marwal	02-03-2020 to 07-03-2020		
98	STTP on Challenges and Opportunities in Engineering after COVID.19	Chandan Kumar	29-06-2020 to 03-07-2020		
99	STTP on Electricity Act, Rules & Code of Practices NITTTR, Kolkata	Pooja Jain (EE)	18-05-2020 to 22-05-2020		
100	STTP on Emerging Trends in Mechanical Engineering	Achin Srivastav, Arun Beniwal, Chandan Kumar	08-06-2020 to 12-06-2020		
101	STTP on Evaluating Students' Performance	Kavita Jain	08-06-2020 to 12-06-2020		
102	STTP on Life Cycle Analysis for Sustainability	Amber Srivastava, Vijay Kumar Singhal	27-05-2020 to 31-05-2020		
103	STTP on Technical Writing using LaTeX	Ankit Vijayvargiya	20-12-2019 to 24-12-2019		
104	STTP on Ubiquitous Computing &WSN	Sunita Gupta	16-09-2019 to 21-09-2019		
	STTP Online Internship Program on Advance Embedded system Design using Tiva C series Microcontroller		28-06-2020 to 07-07-2020		
106	Summer Online Training Programme on LATEX	Navita Jaili	15-06-2020 to 19-06-2020		
107	TEQIP-III Sponsored Faculty Development Programme on Data Analytics for Engineers and Researchers		26-08-2019 to 30-08-2019		
108	Two week online FDP on Machine Learning		29-06-2020 to 08-07-2020		
109	for Computer Vision Two Weeks in Online AICTE Recognized FDF on Cyber Security	Neeraj Garg	08-06-2020 to 19-06-2020		
110	Workshop on Intellectual Property Rights	Kiran Rathi	29-11-2019 to 30-11-2019		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2018-19				
S. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teachers who attended	Duration (from – to) (DD-MM-YY)		
1	ATAL Workshop on 3D printing	Ajay Kumar Dhanopia, Amit Bansal, Vinay Singh Marwal	25-03-2019 to 29-03-2019		
2	ATAL Workshop on Energy storage : The Future of Energy	Dinesh Kumar Sharma	11-03-2019 to 15-03-2019		
3	ATAL Workshop on Industry – 4.0	Sudesh Garg, Vinay Singh Marwal	22-04-2019 to 26-04-2019		
4	ATAL Workshop on robotics : Theory concepts and implementation	Ankit Vijayvargiya, Praveen Saraswat, Sudesh Garg	24-05-2019 to 28-05-2019		
5	Completed NPTEL Online FDP Embedded System Design With ARM	Shanu Tripathi	10-01-2019 to 10-03-2019		
6	Expert Lecture in TEQIP- III Sponsored Two Week FDP on Recent Optimization Techniques for Engineering Applications		07-01-2019 to 18-01-2019		
7	Faculty Development Program Agile software development	Naveen Jain, Shubham Kumar Gupta	16-07-2018 to 20-07-2018		
8	Faculty Development Program on LEX based Foundation Program	Vijeta Khicha	18-01-2019 to 25-01-2019		
9	Faculty Development Programme on	Chandra Prakash Jain, Naveen Kumar Sain, Nawal Kishor Jangid, Shanu Tripathi, Vikash Gautam, Vivek Vijay, Vinay Singh Marwal	29-04-2019 to 07-05-2019		
10	Faculty Development Programme on CREO at CAD DESK		24-12-2018 to 28-12-2018		
11	Faculty Development Programme on ICT in Disaster Management	Braj Raj Sharma, Poonam Ojha, Swati Joshi	03-06-2019 to 07-06-2019		
12	FDP by NPTEL on Machine Learning	Girish Sharma	25-02-2019 to 19-04-2019		
13	FDP on Advance optimization Techniques	Ankit Vijayvargiya	12-10-2018 to 21-10-2018		
14	FDP on Authoring Technical Documents with Latex (A) Technical Writing (B) Reviewing Manuscript		05-04-2019 to 07-04-2019 13-04-2019 to 14-04-2019		
15	FDP on Computation techniques in optics and photonics	Ankit Agrawal (ECE)	20-08-2018 to 25-08-2018		
16	FDP on Introduction to Programming: A Pedagogical Approach	Rajat Goel	17-06-2019 to 22-06-2019		
17	FDP on Universal human Values and Professional Ethics	Krishna Dayal Sharma, Rohit Mukherjee	12-07-2018 to 19-07-2018		
18	Five days FDP on Control and Integration Technique for Renewable Energy Systems	Jinendra Rahul	21-11-2018 to 25-11-201		
19	IBM Certificate of Faculty Development	Kanak Giri	17-06-2019 to 21-06-2019		
20	NPTEL AICTE Faculty Development Programme on Antenna	Pawan Kumar Jain	27-01-2019 to 17-04-201		
21	NPTEL AICTE Faculty Developmen Programme on Non-Conventional Energy Resources	TAIAV Kumar Sharma. Brai Kai Sharma, Mahasyi Dikit,	28-01-2019 to 19-04-2019		



6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2018-19	
22	NPTEL AICTE Faculty Development Programme on Outcome based pedagogic principles for effective teaching	Ajay Kumar Sharma, Rajiv Kumar	23-08-2018 to 17-09-2018
23	NPTEL Course with FDP certificate: Principle of Signal estimation for MIMO-OFDM Wireless Communication	Rukhsar Zafar	02-07-2018 to 13-10-2018
24	NOTEL Courses Blockshain architecture	Sushant Kumar	29-07-2018 to 18-10-2018
25	NOTEL EDD on Data Base Management	Nidhi Srivastav	01-08-2018 to 30-09-2018
26	NPTEL-AICTE Faculty Development Programme on Fiber Optics	Komal Sharma, Rajiv Kumar	28-01-2019 to 22-03-2019
27	NPTEL-AICTE FDP on Hydration, Porosity & Strength of Cementitious Materials	Saurabh Singh	28-01-2019 to 22-03-2019
28	Automata, Languages and Computation	Sunita Gupta	28-07-2019 to 19-04-2019
29	INDIEL AICTE EDD on Introduction to	Sunita Gupta	02-07-2018 to 13-10-2018
30	NPTEL-AICTE FDP on Transform Calculus and its application in differential equations	Pramila Kumawat, Sangeeta Choudhary	28-01-2019 to 19-04-2019
31	NPTEL-FDP on Cloud Computing	Anjana Sangwan	23-08-2018 to 17-09-2018
32	NPTEL-FDP on Internet of Things	Pankaj Dadheech	28-01-2019 to 19-04-2019
33	One week AICTE-ISHRAE Refresher course	Ashish Nayyar, Nitin Goyal	17-12-2018 to 21-12-2018
34	One Week Faculty Development	Ankit Agrawal (ECE), Ankit Vijayvargiya, Braj Raj Sharma, Harshal Nigam, Lalit Kumar Lata, Manju Choudhary, Vinay Kanungo	09-02-2019 to 14-02-2019
35	One week Faculty Induction Program on NanoTechnology : Recent advancements and challenges.	Abhilasha Yadav, Abhinandan Jain, Ankit Agrawal (ECE), Anurag Sharma, Gloria Joseph, Harshal Nigam, Jay Prakash Vijay, Kiran Rathi, Lalit Kumar Lata, Manju Choudhary, Monika Mathur, Mukesh Arora, Namrata Joshi, Neeraj Jain, Pallav Rawal, Pankaj Soni, Pooja Choudhary, Praveen Kumar Jain, Priyanka Sharma (ECE), Rahul Pandey, Rajni Idiwal, Ravi Jangir, Richa Sharma, Rukhsar Zafar, S K Bhatnagar, Shanu Tripathi, Shubhi Jain, Suman Sharma, Sunil Lakhawat, Sunita Gupta, Swati Arora, Vikas Pathak, Vinay Kanungo	02-07-2018 to 07-07-2018
36	One Week FDP on Robotics and Artificial Intelligent	Rajat Goel	24-06-2019 to 28-06-2019
37	STTP on Data Analytics for Engineers	Praveen Saraswat	10-12-2018 to 14-12-2018
38	STTP on Embedded Systems & Interfacing hands-on Electronics & ICT Academy	Gloria Joseph	10-06-2019 to 14-06-2019
39	STTP on finite Element method in	Chandan Kumar	13-05-2019 to 17-05-2019

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2018-19				
40	STTP on Solar Thermal Technologies for Process Heat and Power	Ankit Agarwal (ME), Dinesh Kumar Sharma	17-06-2019 to 21-06-2019		
41	TEQIP-III RTU(ATU) Sponsored FDP on Deep Learning and Big Data Analytics	Priyanka, Priyanka Sharma (CSE), Vivek Sharma	24-06-2019 to 28-06-2019		
42	Winter FDP on Wireless and Mobile Communication	Gloria Joseph	03-12-2018 to 07-12-2018		
43	Workshop (TEQIP-III) on Technical Writing with Advancd Computer Tools: Hands on Training		14-05-2019 to 18-05-2019		
44	Workshop on Artificial Intelligence & Machine Learning	Ankit Vijayvargiya	22-02-2019 to 26-02-2019		

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

1. 1		Session 2017-18	AND STREET, ST
S. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teachers who attended	Duration (from – to) (DD-MM-YY)
1	Academy training programme on CAD tools for advance digital design using FPGA	Vikas Pathak	11-12-2017 to 15-12-2017
2	integrated devices and systems	Kiran Rathi, Rajni Idiwal	22-11-2017 to 26-11-2017
3	AICTE recognised Short Term Course on Communication Skills	Krishna Dayal Sharma	14-05-2018 to 18-05-2018
4		Kajal Mathur, S R Dogiwal, Mehul Mahrishi, Naveen Jain, Monika Mathur, Praveen Kumar Jain, Chothmal Choudhary, Pankaj Dadheech, Priyanka, Rashmi Dadhich, Sunil Dhankhar, Aakriti Sharma, Anjana Sangwan, Ankit Kumar, Mukesh Kumar Gupta, Neha Janu, Neha Mathur, Mahender Kumar Beniwal	06-11-2017 to 17-11-2017
5		Sushant Kumar, Kajal Mathur, Harpreet Singh Gill, Anjali Pandey, Kanak Giri, Naveen Jain, Priyanka Sharma (CSE)	18-09-2018 to 22-09-2018
6	Faculty Development Programme on Programme Assessment and Quality Improvement Cell	Abhilasha Yadav, Abhinandan Jain, Achin Srivastav, Chandan Kumar, Dinesh Kumar Sharma, Praveen Saraswat (ECE), Richa Sharma, Garima Gupta, Neha Mathur	01-09-2017 to 07-09-2017
7	Faculty Development Programme on CAD DESK (Fluent) using ANSYS	Arun Beniwal	19-06-2018 to 23-06-2018
8	Faculty Enablement Program on User interface technology	Naveen Jain	05-03-2018 to 09-03-2018
9	FDP on Advance Research Methodology & Modelling Techniques	Brij Mohan Sharma	14-06-2018 to 18-06-2018
10	FDP on Advances in communication technologies	Monika Mathur	09-02-2018 to 14-02-2018
11	FDP on Mathematical Modelling and Optimization of Industrial Problems	Praveen Saraswat (ME)	01-05-2018 to 05-05-2018
12		Naveen Jain, Anurag Sharma, Ankit Agrawal (ECE), Praveen Kumar Jain, Shubham Kumar Gupta, Sunil Dhankhar, Neha Mathur, Braj Raj Sharma, Raj Kumar Jain, Neeraj Garg, Mukesh Kumar Gupta, Kailash Soni, Mahender Kumar Beniwal, Ankit Kumar, Vinay Singh Marwal, Ajay Kumar Sharma	11-06-2018 to 15-06-2018
13	FDP on Project planning and management and development	Singh Marwal, Aiav Kumar Sharma Abhilasha Yadav, Abhinandan Jain, Harshal Nigam, Jay Prakash Vijay, Lalit Kumar Lata, Namrata Joshi, Neeraj Jain, Pallav Rawal, Pooja Choudhary, Praveen Saraswat (ECE), Priyanka Sharma (ECE), Rahul Pandey, Rajni Idiwal, Ravi Jangir, Richa Sharma, Rukhsar Zafar, Shubhi Jain, Sunil Lakhawat, Swati Arora, Kiran Rathi, Monika Mathur, Mukesh Arora, S. K. Bhatnagar, Vikas Pathak, Mamta Jain, Manju Choudhary, S. Sarabjeet Singh Sethi, Praveen Kumar	01-12-2017 to 16-12-2017

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

	Session 2017-18				
S. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teachers who attended	Duration (from – to) (DD-MM-YY)		
14		Sharda Soni, Archana Saxena, Gloria Joseph, Harshal Nigam, Namrata Joshi, Neeraj Jain, Pankaj Soni, Pooja Choudhary, Priyanka Sharma (ECE), Rahul Pandey, Ravi Jangir, Richa Sharma Rukhsar Zafar, Vikas Pathak, Anurag Sharma, Suman Sharma, Abhilasha Yadav, Abhinandan Jain, Jay Prakash Vijay, Kiran Rathi, Manju Choudhary, Monika Mathur, Praveen Kumar Jain, Rajni Idiwal, Sunil Lakhawat, Swati Arora,, Lalit, Kumar Lata, Nishant Sachdeva, Sunita Gupta, Shanu Tripathi, Mukesh Arora, S.K. Bhatnagar, Vinay Kanungo, S. Sarabjeet Singh Sethi, Braj Raj Sharma, Ajay Kumar Sharma, Rajiv Kumar, Pawan Kumar Jain, Komal Sharma	01-05-2018 to 05-05-2018		
15	FDP on VLSI design verification and test	Swati Arora	26-05-2018 to 30-05-2018		
16	GIAN Advanced Course on Sustainability in Materials & Design	Manoj Kumar Sain	21-05-2018 to 01-06-2018		
17	GIAN course on Physical and Chemical Process for water and wastewater treatment	Sangeeta Vyas	21-08-2017 to 26-08-2017		
18	National Workshop on Web Development & Security	Kajal Mathur	25-01-2018 to 30-01-2018		
19	NTTTR chandigarh Short term course onoptimization using MATLAB	Ankit Kumar	17-07-2017 to 21-07-2017		
20	One week FDP on AI & Machine Learning	Ganpat Singh Chauhan	04-06-2018 to 08-06-2018		
21	One week Short Term Course on Modelling and Simulation Tools	Shalini Shekhawat	03-07-2017 to 07-07-2017		
22	Staff Development Programme for Admission Counselling Process	Shalini Singhal	01-05-2018 to 30-06-2018		
23		Achin Srivastav, Ajay Kumar Dhanopia, Amit Bansal, Ankit Agrawal (ME), Ashish Nayyar, Brij Mohan Sharma, Chandan Kumar, Chandra Mohan Kumar, Dheeraj Joshi, Dinesh Kumar Sharma, Madhukar Kumar, Manoj Kumar Sain, Manu Augustine, Md. Suhaib, Monika Khurana, N. C. Bhandari, Namita Soni, Nikhil Sharma, Nitin Goyal, Praveen Saraswat (ME), Sandeep Kumar Bhaskar, Sunil Kumar, Trivendra Kumar Sharma, Vikash Gautam, Vinay Singh Marwal	08-01-2018 to 13-01-2018		
24	Workshop on Protective coatings: low friction and wear	V Vikash Gautam	29-01-2018 to 02-02-2018		

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6.3.4 Faculty Development Programmes (FDP) during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.) (5)

		Session 2016-17	
S. No.	Title of the program (FDP-WORKSHOP- STTP-Orientation-Induction- Refresher course-traning program)	Name of teachers who attended	Duration (from – to) (DD-MM-YY)
1	Academy Training Programme on Digital Hardware Design & FPGA	Mamta Jain, S. Sarabjeet Singh Sethi, Shanu Tripathi, Swati Arora, Vikas Pathak, Manju Choudhary, Pooja Choudhary	03-09-2016 to 16-09-2016
2	AICTE recognized Short Term Course Green Techniques for Sustainable Construction.	Jetender Babulal Jangid	06-02-2017 to 10-02-2017
3	FDP on Fundamentals of analog and digital communication system	Praveen Kumar Jain	13-05-2017 to 22-05-2017
4	GIAN Course on Introduction to Sustainable Manufacturing	Manoj Kumar Sain	19-12-2016 to 23-12-2016
5	National workshop on Network Simulator ns-3 Simulation for Network Protocols on a Complex Innovation Network	Anjana Sangwan, Pankaj Dadheech, Sunil Dhankhar	19-12-2016 to 23-12-2016
6	NTTTR chandigarh Short term course on cloud computing	Ankit Kumar	05-12-2016 to 09-12-2016
7	One week academy training program on digital CMOS devices and circuits	Pooja Choudhary, S. Sarabjeet Singh Sethi	17-09-2016 to 21-09-2016
8	One Week Academy training program or Principles of Control System Engineering Hands on experience with MATLAB	: Tarun Naruka	25-03-2017 to 29-03-2017
9	One week STTP on Research Methodology	Ashish Nayyar, Chandan Kumar, Dheeraj Joshi	20-03-2017 to 24-03-2017
10	QIP Short term course on Laboratory safety and ergonomics for engineers	Praveen Saraswat	12-06-2017 to 16-06-2017
11	Short Term Course on DC-Smart Grids Renewable Integration, Energy Storage & System Operation	Ajay Bhardwaj, Bharat Modi	10-11-2016 to 14-11-2016
12	Workshop on MHRD: advanced System Security: Attacks and Defenses	Sushant Kumar	04-07-2016 to 10-07-2016