

NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING AND RESEARCH

(Under Ministry of Education, Govt. of India), Taramani, Chennai - 600 113

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Prof. Dr. SUDHINDRA NATH PANDA
Director

No.: CCD/PRO/FDPOM/July - Mar/2021-22/
Date: June 29, 2021

PROCEEDINGS

Sub: Intimation for short courses to be conducted in July - March, 2022
through online Mode.

The Director is pleased to approve the conduct of the following short courses through online mode for the technical teachers in the durations as indicated in the following. The deputation of the following staff is also approved.

Sl. No.	Course Code	Course Title	Course Faculty	Duration	Target Audience
1.	FDPOM - 28	Nanotechnology & Applications	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	05.07.2021 to 09.07.2021	Faculty members of Mechanical/Automobile/ Production/Metallurgy disciplines
2.	FDPOM - 29	Biomedical Electronics and IoT in Healthcare	Dr. G. Kulanthaivel* Dr. G. A. Rathy Dr. P. Sivasankar Guest Faculty	12.07.2021 to 16.07.2021	Faculty members of Electrical/ Electronics/ Instrumentation/ Biomedical/ Communication Engineering disciplines from Engineering / Polytechnic Colleges
3.	FDPOM - 30	Motivation and Leadership	Dr. R. Rajendran* Dr. K. S. Giridharan Guest Faculty	12.07.2021 to 16.07.2021	Faculty members of Engineering/Arts & Humanities disciplines
4.	FDPOM - 31	Computer Aided Manufacturing & Metrology	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	12.07.2021 to 16.07.2021	Faculty members of Mechanical /Automobile/ Production/Metallurgy disciplines
5.	FDPOM - 32	Animation and Presentation Techniques	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Dr. V. Shanmuganeethi Guest Faculty	12.07.2021 to 16.07.2021	Faculty members of all disciplines
6.	FDPOM - 33	Developing Professional Attributes for OBE Curriculum	Er. V. Sivakumar* Dr. E. S. M. Suresh Dr. U S Sahu Dr. P. Malliga Dr. K. S. Giridharan Shri. A. P. Felix Arokiya Raj	12.07.2021 to 16.07.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges
7.	FDPOM - 34	OER and Open Education Practices	Dr. P. Malliga* Shri. A. P. Felix Arokiya Raj Guest Faculty	19.07.2021 to 23.07.2021	Faculty members of all disciplines
8.	FDPOM - 35	Instructional Design and Delivery System (Basic Pedagogy)	Dr. S. Renukadevi* Dr. R. Santhakumar Dr. P. Malliga Dr. G. Janardhanan Dr. K. S. Giridharan Dr. K. S. A. Dinesh Kumar	26.07.2021 to 30.07.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges
9.	FDPOM - 36	NBA Process for Diploma Programs	Dr. R. Santhakumar* Dr. P. Malliga Er. V. Sivakumar Dr. K. S. Giridharan	26.07.2021 to 30.07.2021	Faculty members of all disciplines from Polytechnic Colleges

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10.	FDPOM – 37	Emerging Trends in E-Learning	Dr. P. Malliga* Dr. G. Janardhanan Shri. A. P. Felix Arokiya Raj Guest Faculty	26.07.2021 to 30.07.2021	Faculty members of all disciplines
11.	FDPOM –38	Circuit Simulation and PCB Design Using Multisim	Dr. G. A. Rathy* Dr. G. Kulanthaivel Dr. P. Sivasankar Guest Faculty	26.07.2021 to 30.07.2021	Faculty members of Electrical, Electronics & Communication, Instrumentation disciplines
12.	FDPOM –39	Energy and Environmental Management	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	26.07.2021 to 30.07.2021	Faculty of Mechanical /Energy and Environmental Engg. disciplines
13.	FDPOM –40	Optical Fiber Communication	Dr. U S Sahu* Guest Faculty	26.07.2021 to 30.07.2021	Faculty members of ECE/ EEE/ EIE/ Physics and allied disciplines
14.	FDPOM –41	A practical approach on Arduino, raspberry pi and compatibles	Dr. V.A. Shamsudeen* Dr. G. Kulanthaivel Dr. G. A. Rathy Dr. P. Sivasankar Guest Faculty	26.07.2021 to 30.07.2021	Faculty from Electrical / Electronics, Instrumentation and allied branches
15.	FDPOM –42	Creating Interactive Video Lessons	Dr. P. Malliga* Shri. A. P. Felix Arokiya Raj Guest Faculty	02.08.2021 to 06.08.2021	Faculty members of all disciplines
16.	FDPOM –43	Advanced Java Programming	Dr. V. Shanmuganeethi* Guest Faculty	02.08.2021 to 06.08.2021	Faculty members of CSE and IT disciplines
17.	FDPOM –44	Computer Integrated Manufacturing	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	02.08.2021 to 06.08.2021	Faculty members of Mechanical /Automobile/ Production/Metallurgy disciplines
18.	FDPOM - 45	VHDL Programming	Dr. P. Sivasankar* Dr. G. Kulanthaivel Dr. G. A. Rathy Guest Faculty	02.08.2021 to 06.08.2021	Faculty members of EEE/EIE/ECE disciplines
19.	FDPOM –46	NBA Accreditation	Er. V Sivakumar* Dr. E. S. M. Suresh Dr. U S Sahu Dr. G. Janardhanan Dr. P. Malliga Dr. K. S. Giridharan	02.08.2021 to 06.08.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges
20.	FDPOM –47	MATLAB Programming for Simulation and Design	Dr. G. Kulanthaivel* Dr. G. A. Rathy Dr. P. Sivasankar Guest Faculty	09.08.2021 to 11.08.2021	Faculty members of all discipline from Engineering / Polytechnic Colleges
21.	FDPOM –48	NBA Process for Degree Programs	Dr. R. Santhakumar* Dr. P. Malliga Er. V. Sivakumar Dr. K. S. Giridharan	09.08.2021 to 11.08.2021	Faculty members of all discipline from Polytechnic Colleges
22.	FDPOM – 49	Outcome based Assessment	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Santhakumar Er. V. Sivakumar Dr. U S Sahu Shri. A. P. Felix Arokiya Raj	09.08.2021 to 13.08.2021	Faculty members of all discipline from Engineering / Polytechnic colleges
23.	FDPOM –50	LaTeX and Desktop Publishing	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Dr. K. S. Giridharan Guest Faculty	09.08.2021 to 13.08.2021	Faculty members of all disciplines

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24.	FDPOM – 51	Internet of things IoT)	Dr. G. A. Rathy* Dr. G. Kulanthaivel Dr. P. Sivasankar Guest Faculty	16.08.2021 to 20.08.2021	Faculty members of Electrical, Electronics & Communication, Instrumentation and Mechanical disciplines
25.	FDPOM – 52	Linux Server Administration	Dr. V. Shanmuganeethi* Dr. P. Malliga Guest Faculty	16.08.2021 to 20.08.2021	Faculty members of CSE /IT disciplines
26.	FDPOM – 53	Induction Training Programme (Basic & Advanced Pedagogy) (2 Weeks)	Dr. S. Renukadevi* Dr. R. Santhakumar Dr. P. Malliga Dr. G. A. Rathy Dr. G. Janardhanan Dr. K. S. Giridharan Dr. V. Shanmuganeethi Dr. S. Somasundaram Dr. K. S. A. Dinesh Kumar Dr. P. Sivasankar Guest Faculty	23.08.2021 to 03.09.2021	Faculty members of all disciplines from Polytechnic & Engineering Teachers
27.	FDPOM – 54	Instructional Material Development	Dr. P. Malliga* Shri. A.P. Felix Arokiyaraj Guest Faculty	23.08.2021 to 27.08.2021	All Teachers
28.	FDPOM – 55	Cloud Computing	Dr. V. Shanmuganeethi* Dr. P. Malliga Guest Faculty	23.08.2021 to 27.08.2021	Faculty members of CSE / IT disciplines
29.	FDPOM – 56	Refresher course on Energy, Thermal and Refrigeration & Air Conditioning	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	23.08.2021 to 27.08.2021	Faculty of Mechanical / Thermal, Energy and Refrigeration & Air conditioning Engg.,
30.	FDPOM – 57	Open Improvement & Institutional Restructuring	Dr. R. Ravichandran* Dr. P. Malliga Dr. G. Janardhanan Dr. V. Shanmuganeethi Dr. K. S. A. Dinesh Kumar Shri. A. P. Felix Arokiya Raj Guest faculty	23.08.2021 to 27.08.2021	Library Science Teachers and Librarian, or Staff-in-charge of Library
31.	FDPOM – 58	Developing Professional Attributes for OBE Curriculum	Er. V. Sivakumar* Dr. E. S. M. Suresh Dr. U S Sahu Dr. P. Malliga Dr. K. S. Giridharan Shri. A. P. Felix Arokiya Raj	23.08.2021 to 27.08.2021	Faculty members of all disciplines from Engineering and Polytechnic Colleges
32.	FDPOM – 59	Advanced Pedagogy	Dr. S. Renukadevi* Dr. P. Malliga Dr. K. S. Giridharan Guest Faculty	30.08.2021 to 03.09.2021	Faculty members of all disciplines
33.	FDPOM – 60	Advances in Welding and Manufacturing	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	30.08.2021 to 03.09.2021	Faculty members of Mechanical /Automobile/ Production/Metallurgy disciplines
34.	FDPOM – 61	Geotechnical Engineering Practice	Dr. G. Janardhanan* Dr. E. S. M. Suresh Dr. K. S. A. Dinesh Kumar Guest Faculty	06.09.2021 to 10.09.2021	Faculty members of Civil Engineering

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35.	FDPOM – 62	Question Paper Authoring and Student Evaluation	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Santhakumar Er. V. Sivakumar Dr. U. S. Sahu Shri. A. P. Felix Arokiya Raj	05.09.2021 to 09.09.2021	Faculty members of all disciplines from Engineering/Polytechnic Colleges
36.	FDPOM – 63	Applications in Power Electronics Engineering	Dr. G. A. Rathy* Dr. G. Kulanthaivel Dr. P. Sivasankar Guest Faculty	06.09.2021 to 10.09.2021	Faculty members of Electrical, Electronics & Communication and Instrumentation disciplines
37.	FDPOM – 64	Web Design	Dr. V. Shanmuganeethi* Dr. P. Malliga Guest Faculty	13.09.2021 to 17.09.2021	Faculty members of all disciplines
38.	FDPOM – 65	Graphic Design and Interactive Media	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Guest Faculty	13.09.2021 to 17.09.2021	Faculty members of all disciplines
39.	FDPOM – 66	Counselling for Student Development	Dr. R. Rajendran* Shri. V. A. Shamsudeen Guest faculty	13.09.2021 to 17.09.2021	Faculty members of all disciplines
40.	FDPOM – 67	Personality Development and NLP	Dr. S. Renukadevi* Guest Faculty	20.09.2021 to 24.09.2021	Faculty members of all disciplines
41.	FDPOM – 68	Graphical System Design using LabVIEW	Dr. G. Kulanthaivel* Dr. G. A. Rathy Dr. P. Sivasankar Guest Faculty	20.09.2021 to 24.09.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges
42.	FDPOM – 69	Research Methodology & SPSS Applications	Dr. R. Rajendran* Dr. G. Kulanthaivel Dr. K. S. Giridharan Guest Faculty	20.09.2021 to 24.09.2021	Faculty members of from Engineering/Arts & Humanities disciplines
43.	FDPOM – 70	Advanced Reinforced Concrete Design	Dr. K. S. A. Dinesh Kumar* Dr. R. Santhakumar Guest Faculty	20.09.2021 to 24.09.2021	Faculty members of Civil Engineering and allied disciplines
44.	FDPOM – 71	NBA Accreditation	Er. V Sivakumar* Dr. E. S. M. Suresh Dr. U S Sahu Dr. G. Janardhanan Dr. P. Malliga Dr. K. S. Giridharan	20.09.2021 to 24.09.2021	Faculty members of all disciplines from Engineering and Polytechnic Colleges
45.	FDPOM – 72	NBA Accreditation	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Santhakumar Er. V. Sivakumar Dr. U S Sahu Shri. A. P. Felix Arokiya Raj	27.09.2021 to 29.09.2021	Faculty members of all disciplines from Engineering and Polytechnic Colleges
46.	FDPOM - 73	Cyber Security	Dr. V. Shanmuganeethi* Guest Faculty	27.09.2021 to 01.10.2021	Faculty members of CSE/IT
47.	FDPOM – 74	Solar, Wind and Bio Energy Applications	Er. M. Senthil Kumar* Dr. S. Somasundaram Guest Faculty	27.09.2021 to 01.10.2021	Faculty of Mechanical, Energy Engg.,
48.	FDPOM – 75	Copyright and its Implication	Dr. R. Ravichandran* Dr. G. Janardhanan Dr. V. Shanmuganeethi Dr. K.S. Giridharan Shri. A. P. Felix Arokiya Raj Guest faculty	27.09.2021 to 01.10.2021	Library Science Teachers and Librarian, or Staff-in-charge of Library

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49.	FDPOM – 76	Infrastructure for SMART City Planning	Dr. G. Janardhanan* Dr. E. S. M. Suresh Dr. K. S. A. Dinesh Kumar Guest Faculty	04.10.2021 to 08.10.2021	Faculty members of Civil Engineering
50.	FDPOM – 77	Mentoring and Counselling Skills for teachers	Dr. S. Renukadevi* Dr. P. Malliga Dr. G. Janardhanan Dr. K. S. Giridharan Guest Faculty	04.10.2021 to 08.10.2021	Faculty members of all disciplines
51.	FDPOM – 78	Entrepreneurship Development and Startups	Dr. R. Santhakumar* Dr. K. S. Giridharan Guest Faculty	04.10.2021 to 08.10.2021	Faculty members of all disciplines
52.	FDPOM – 79	Free Software for Collaborative Learning	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga, Dr. K. S. A. Dinesh Kumar Guest Faculty	04.10.2021 08.10.2021	Faculty members of all disciplines
53.	FDPOM – 80	Instructional Design and Delivery System	Dr. R. Rajendran* Dr. G. Kulanthaivel Dr. K. S. Giridharan Dr. S. Somasundaram Dr. K. S. A. Dinesh Kumar	04.10.2021 to 08.10.2021	Faculty members of from Engineering/Arts & Humanities disciplines
54.	FDPOM – 81	Electrical & Electronic Systems for wind & solar	Dr. G. A. Rathy* Dr. G. Kulanthaivel Dr. P. Sivasankar Guest Faculty	04.10.2021 to 08.10.2021	Faculty members of Electrical, Electronics & Communication, Instrumentation and Mechanical disciplines
55.	FDPOM – 82	Trends in CNC Machining & Metrology	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	04.10.2021 to 08.10.2021	Faculty members of Mechanical/Automobile/ Production/Metallurgy disciplines
56.	FDPOM – 83	Problem based teaching learning process	Dr. G. Janardhanan* Dr. P. Malliga Dr. V. Shanmuganeethi Dr. K. S. A. Dinesh Kumar	25.10.2021 to 29.10.2021	Faculty members of all disciplines
57.	FDPOM – 84	Data Communication and Networking	Dr. G. Kulanthaivel* Dr. G. A. Rathy Dr. P. Sivasankar Guest Faculty	25.10.2021 to 29.10.2021	Faculty members of Electronics/ Instrumentation/ CSE/IT Communication Engineering disciplines from Polytechnic and Engineering Colleges
58.	FDPOM – 85	Instructional Design for Online Courses	Dr. P. Malliga* Shri. A. P. Felix Arokiya Raj Guest Faculty	25.10.2021 to 29.10.2021	Faculty members of all disciplines
59.	FDPOM – 86	Advances in Casting and Manufacturing	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	25.10.2021 to 29.10.2021	Faculty members of Mechanical/Automobile/ Production/Metallurgy disciplines
60.	FDPOM - 87	Green and Sustainable Energy Development	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	25.10.2021 to 29.10.2021	Faculty of Mechanical, Energy, Environmental Engg.,
61.	FDPOM - 88	Developing Professional Attributes for OBE Curriculum	Er. V Sivakumar Dr. E. S. M. Suresh Dr. U S Sahu Dr. P. Malliga Dr. K. S. Giridharan Shri. A.P. Felix Arokiya Raj	25.10.2021 to 29.10.2021	Faculty members of all disciplines from Engineering and Polytechnic Colleges
62.	FDPOM – 89	NBA Accreditation Process	Dr. U S Sahu* Dr. E. S. M. Suresh Er. V. Sivakumar Guest Faculty	08.11.2021 to 12.11.2021	Faculty members of all disciplines

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63.	FDPOM – 90	Life skills	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Rajendran Guest Faculty	08.11.2021 to 12.11.2021	Faculty members of all disciplines
64.	FDPOM – 91	Wireless Communication	Dr. P. Sivasankar* Dr. G. Kulanthaivel Dr. G. A. Rathy Guest Faculty	08.11.2021 to 12.11.2021	Faculty members of EEE/EIE/ECE/CSE and IT disciplines
65.	FDPOM – 92	English Language & Laboratory Skills for Students	Dr. S. Renukadevi* Dr. K. S. Giridharan Guest Faculty	15.11.2021 to 19.11.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges
66.	FDPOM – 93	NBA Accreditation	Er. V Sivakumar* Dr. E. S. M. Suresh Dr. U S Sahu Dr. G. Janardhanan Dr. P. Malliga Dr. K. S. Giridharan	15.11.2021 to 19.11.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges
67.	FDPOM – 94	Life Skill Development	Dr. R. Rajendran * Dr. K. S. Giridharan Guest Faculty	22.11.2021 to 26.11.2021	Faculty members of all disciplines
68.	FDPOM – 95	PLC programming using micro 820 controllers	Dr. G. A. Rathy* Dr. G. Kulanthaivel Dr. P. Sivasankar Guest Faculty	22.11.2021 to 26.11.2021	Faculty members of Electrical, Electronics & Communication, Instrumentation disciplines
69.	FDPOM – 96	NAAC Accreditation	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Santhakumar Er. V. Sivakumar Dr. U. S. Sahu Shri. A. P. Felix Arokiya Raj	22.11.2021 to 24.11.2021	Faculty members from Technical Institutions
70.	FDPOM - 97	Software Engineering	Dr. V. Shanmuganeethi* Dr. P. Malliga Guest Faculty	22.11.2021 to 26.11.2021	Faculty members of CSE/IT from Engineering and Polytechnic Colleges
71.	FDPOM – 98	Statistics for Data Analytics	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Dr. K. S. Giridharan Dr. V. Shanmuganeethi Guest Faculty	22.11.2021 to 26.11.2021	Faculty members of all disciplines
72.	FDPOM – 99	Hardware & Networking	Dr. U S Sahu* Guest Faculty	22.11.2021 to 26.11.2021	Faculty members of ECE/CSE and allied disciplines
73.	FDPOM- 100	Lab View and MATLAB Programming	Dr. G. Kulanthaivel* Dr. G.A. Rathy Dr. P. Sivasankar Mr. V A Shamsudeen	22.11.2021 to 26.11.2021	Faculty members of Electronics, Computer and Allied disciplines
74.	FDPOM-101	Quality Assurance of Technical Institutions through Accreditation	Dr. G. Kulanthaivel* Dr. G. A. Rathy Dr. R. Santhakumar Dr. K.S. Giridharan Dr. P. Sivasankar Guest Faculty	29.11.2021 to 03.12.2021	Faculty members of all disciplines from Polytechnic Colleges
75.	FDPOM-102	Refrigeration and Air Conditioning	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	29.11.2021 to 03.12.2021	Faculty of Mechanical, Refrigeration & air conditioning Engg.,

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76.	FDPOM -103	Professional Development of Teachers	Dr. S. Renukadevi* Dr. P. Malliga Dr. K. S. Giridharan Guest Faculty	06.12.2021 to 10.12.2021	Faculty members of all disciplines
77.	FDPOM- 104	Behavioural Assessment of Students	Dr. R. Rajendran* Dr. K. S. Giridharan Guest Faculty	06.12.2021 to 10.12.2021	Faculty members of all disciplines
78.	FDPOM-105	Lifelong Learning and Innovation Skills	Dr. P. Malliga* Dr. S. Renukadevi Dr. K. S. Giridharan Shri. A. P. Felix Arokiya Raj Guest Faculty	06.12.2021 to 10.12.2021	Faculty members of all disciplines
79.	FDPOM-106	Arduino Programming using Tinkercad	Dr. G. A. Rathy* Dr. G. Kulanthaivel Dr. P. Sivasankar Guest Faculty	06.12.2021 to 10.12.2021	Faculty members of Electrical, Electronics & Communication, Instrumentation disciplines
80.	FDPOM-107	Computer Integrated Manufacturing	Dr. S. Somasundaram* Er. M. Senthil Kumar Guest Faculty	06.12.2021 to 10.12.2021	Faculty members of Mechanical/Automobile/ Production/Metallurgy disciplines
81.	FDPOM-108	NBA Accreditation Process	Dr. U S Sahu* Dr. E. S. M. Suresh Er. V. Sivakumar Guest Faculty	06.12.2021 to 10.12.2021	Faculty members of all disciplines
82.	FDPOM-109	Data Analytics	Dr. V. Shanmuganeethi* Guest Faculty	13.12.2021 to 17.12.2021	Faculty members of all disciplines
83.	FDPOM-110	Sustainable Construction Materials & Techniques	Dr. K. S. A. Dinesh Kumar* Dr. E. S. M. Suresh Dr. G. Janardhanan Guest Faculty	13.12.2021 to 17.12.2021	Faculty members of Civil Engineering and allied disciplines
84.	FDPOM-111	Engineering Applications using MATLAB Programming	Dr. P. Sivasankar* Dr. G. Kulanthaivel Dr. G. A. Rathy Guest Faculty	13.12.2021 to 17.12.2021	Faculty members of all disciplines
85.	FDPOM-112	Video Editing and Multimedia Design	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Guest Faculty	13.12.2021 to 17.12.2021	Faculty members of all disciplines
86.	FDPOM-113	Developing Professional Attributes for OBE Curriculum	Er. V Sivakumar* Dr. E. S.M. Suresh Dr. U S Sahu Dr. P. Malliga Dr. K. S. Giridharan Shri. A. P. Felix Arokiya Raj	13.12.2021 to 17.12.2021	Faculty members of all disciplines from Engineering and Polytechnic Colleges
87.	FDPOM-114	Leadership and Teamwork for Performance Excellence	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Rajendran Guest Faculty	20.12.2021 to 24.12.2021	Faculty members of all disciplines from Engineering / Polytechnic Colleges

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88.	FDPOM-115	Refresher course on Energy, Automobile and Refrigeration & Air Conditioning	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	20.12.2021 to 24.12.2021	Faculty of Mechanical, Automobile, Energy, Refrigeration & Air conditioning Engg.,
89.	FDPOM-116	Active and Collaborative Learning	Dr. P. Malliga* Er. V. Sivakumar Shri. A. P. Felix Arokiya Raj Guest Faculty	03.01.2022 to 07.01.2022	Faculty members of all disciplines
90.	FDPOM-117	IPR for Teachers	Dr. K. S. Giridharan* Dr. S. Renukadevi Dr. R. Rajendran Guest Faculty	03.01.2022 to 07.01.2022	Faculty members of all disciplines from Engineering / Polytechnic Colleges
91.	FDPOM-118	Machine Learning	Dr. V. Shanmuganeethi* Guest Faculty	03.01.2022 to 07.01.2022	Faculty members of CSC/IT from Engineering and Polytechnic Colleges
92.	FDPOM-119	Trends in Mechatronics and Manufacturing	Dr. S. Somasundaram* Er. M. Senthilkumar Guest Faculty	03.01.2022 to 07.01.2022	Teachers of Mechanical Engg/Automobile/ Production/Metallurgy
93.	FDPOM-120	ARM LPC2148 Microcontroller and its Applications	Dr. P. Sivasankar* Dr. G. Kulanthaivel Dr. G.A. Rathy Guest Faculty	03.01.2022 to 07.01.2022	Engg & Poly faculty from Electrical / Electronics / Instrumentation / Communication / CSE / IT
94.	FDPOM-121	Social Media and Learning Resources	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Er. V. Sivakumar Dr. K.S. Giridharan Guest Faculty	03.01.2022 to 07.01.2022	Faculty members of all disciplines
95.	FDPOM-122	Professional Ethics	Dr. U.S. Sahu* Er. V Sivakumar Dr. E.S.M Suresh Guest Faculty	03.01.2022 to 07.01.2022	Faculty members of all disciplines
96.	FDPOM -123	NBA Process for Diploma Programmes	Dr. R. Santhakumar* Dr. P. Malliga Er. V. Sivakumar Guest Faculty	17.01.2022 to 19.01.2022	Faculty members of all disciplines
97.	FDPOM-124	Guidance & Counselling	Dr. R. Rajendran* Guest Faculty	17.01.2022 to 21.01.2022	Faculty members of all disciplines
98.	FDPOM-125	Electric Vehicle Engineering	Dr. G.A. Rathy* Dr. P. Sivasankar Guest Faculty	17.01.2022 to 21.01.2022	Engg & Poly faculty from Electrical / Electronics / Instrumentation / Mechanical Disciplines
99.	FDPOM-126	Developing Activities for OBE Attributes (Electrical & Allied)	Dr. U.S. Sahu* Er. V Sivakumar Dr. E.S.M Suresh Guest Faculty	17.01.2022 to 21.01.2022	(DEEE, DECE, DCME & DEIE)
100.	FDPOM-127	Yoga for Physical and Mental Health	Dr. S. Renukadevi* Guest Faculty	24.01.2022 to 28.01.2022	Faculty members of all disciplines

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101.	FDPOM-128	MATLAB and LabVIEW Programming for Engineering Applications	Dr. G. Kulanthaivel* Dr. G.A. Rathy Dr. P. Sivasankar Guest Faculty	24.01.2022 to 04.02.2022	Engineering College/Polytechnic College Faculty members from any discipline
102.	FDPOM-129	Performance evaluation in Laboratory courses	Dr. G. Janardhanan* Dr. K. S. A. Dinesh Kumar Guest Faculty	24.01.2022 to 28.01.2022	Faculty members of Civil & Allied disciplines
103.	FDPOM-130	Renewable Energy Applications	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	24.01.2022 to 28.01.2022	Faculty of Mechanical, Automobile, Energy Engg.,
104.	FDPOM-131	Data Interpretation and Visualization using R	Dr. V. Shanmuganeethi* Shri. A. P. Felix Arokiya Raj Guest Faculty	31.01.2022 to 04.02.2022	Faculty members of all disciplines
105.	FDPOM-132	Non Traditional Machining	Dr. S. Somasundaram* Er. M. Senthilkumar Guest Faculty	31.01.2022 to 04.02.2022	Teachers of Mechanical Engg/Automobile/ Production/Metallurgy
106.	FDPOM-133	Management of Polytechnics	Dr. U.S. Sahu* Dr. E.S.M Suresh Guest Faculty	31.01.2022 to 04.02.2022	Faculty members of all disciplines
107.	FDPOM- 134	Happiness and Wellbeing	Dr. S. Renukadevi* Guest Faculty	07.02.2022 to 11.02.2022	Faculty members of all disciplines
108.	FDPOM-135	Soft Skills Training	Dr. R. Rajendran* Dr. K.S. Giridharan Dr. S. Somasundaram Guest Faculty	07.02.2022 to 11.02.2022	Faculty members of all disciplines
109.	FDPOM- 136	Applications in PLC	Dr. G.A. Rathy* Dr. P. Sivasankar Guest Faculty	07.02.2022 to 11.02.2022	Engg & Poly faculty from Electrical / Electronics / Instrumental / Mechanical Disciplines
110.	FDPOM-137	Developing Activities for OBE Attributes (Mechanical & Allied)	Dr. U.S. Sahu* Er. V Sivakumar Guest Faculty	07.02.2022 to 11.02.2022	(DME, DAA, DPKG, DLT, DMET, DCHE & DFWT)
111.	FDPOM- 138	Instructional Design and Delivery System	Dr. K.S. Giridharan* Dr. S. Renukadevi Dr. R. Santhakumar Er. V. Sivakumar Dr. U.S. Sahu Shri. A.P. Felix Arokiyaraj	14.02.2022 to 18.02.2022	Faculty members of all disciplines from Engineering / Polytechnic Colleges

Sl. No.	Course Code	Course Title	Course Faculty	Duration	Target Audience
112.	FDPOM- 139	Reference Management and Data Visualization	Shri. A. P. Felix Arokiya Raj* Dr. R. Rajendran Dr. P. Malliga Dr. V. Shanmuganeethi Guest Faculty	14.02.2022 to 18.02.2022	Faculty members of all disciplines
113.	FDPOM- 140	Problem Solving using Python Programming Lab Manual Preparation	Dr. V. Shanmuganeethi* Dr. P. Malliga Guest Faculty	21.02.2022 to 25.02.2022	Faculty members of CSE/IT from Engineering and Polytechnic Colleges
114.	FDPOM-141	Smart Manufacturing	Dr. S. Somasundaram* Er. M. Senthilkumar Guest Faculty	21.02.2022 to 25.02.2022	Teachers of Mechanical Engg/Automobile/ Production/Metallurgy
115.	FDPOM-142	Sensor Applications using my RIO	Dr. P. Sivasankar* Dr. G. Kulanthaivel Dr. G.A. Rathy Guest Faculty	21.02.2022 to 25.02.2022	Engg & Poly faculty from Electrical / Electronics / Instrumentation / Communication / CSE / IT
116.	FDPOM-143	NEP-2020: Impact & Future Plans	Dr. U.S. Sahu* Dr. G. Janardhanan Guest Faculty	21.02.2022 to 25.02.2022	Faculty members of all disciplines
117.	FDPOM-144	Advanced Communication Systems	Dr. G. Kulanthaivel* Dr. G.A. Rathy Dr. P. Sivasankar Guest Faculty	28.02.2022 to 04.03.2022	Engineering College/Polytechnic College Faculty members from Electronics/Communication/Telecommunication discipline
118.	FDPOM-145	Solar Power Electronics and Alternate Energy sources	Dr. G.A. Rathy* Dr. P. Sivasankar Guest Faculty	07.03.2022 to 11.03.2022	Teachers of all branches of Engineering, Science and Management
119.	FDPOM-146	Communication Skills	Dr. K. S. Giridharan* Dr. S. Renukadevi Guest Faculty	07.03.2022 to 11.03.2022	Faculty members of all disciplines from Engineering / Polytechnic Colleges
120.	FDPOM-147	Multimedia for Teaching	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Er. V. Sivakumar Guest Faculty	07.03.2022 to 11.03.2022	Faculty members of all disciplines
121.	FDPOM-148	Employability Skills	Dr. R. Rajendran* Dr. K.S. Giridharan Dr. S. Somasundaram Guest Faculty	14.03.2022 to 18.03.2022	Faculty members of all disciplines
122.	FDPOM- 149	Python Programming	Dr. V. Shamuganeethi* Shri. V.A. Shamsudeen Guest Faculty	14.03.2022 to 18.03.2022	Faculty members of all disciplines
123.	FDPOM-150	Heating, Ventilation and Air Conditioning	Er. M. Senthil Kumar * Dr. S. Somasundaram Guest Faculty	21.03.2022 to 25.03.2022	Teachers of Mechanical, Refrigeration & Air conditioning Engg.

Sl. No.	Course Code	Course Title	Course Faculty	Duration	Target Audience
124.	FDPOM- 151	Programming using Arduino and Raspberry Pi	Dr. P. Sivasankar* Dr. G. Kulanthaivel Dr. G.A. Rathy Guest Faculty	21.03.2022 to 25.03.2022	Engg/Poly Faculty members from Electrical/Electronics/Instrumentation/Communication/CSE/IT
125.	FDPOM- 152	3D Animation and Modeling	Shri. A. P. Felix Arokiya Raj* Dr. P. Malliga Dr. K.S.A. Dinesh Kumar Guest Faculty	28.03.2022 to 01.04.2022	Faculty members of all disciplines


* Coordinator for the respective course

The necessary steps may be taken to sponsor the teachers and the concerned to make necessary arrangements to conduct the courses.

The following are the guidelines:

1. FDPs are open for both Engineering and Polytechnic College Teachers, unless specified.
2. All are National level FDPs.
3. The Government and Govt. Aided College teachers shall follow their exiting norms for deputation/permission to attend the above said FDPOM.s
4. There is no course fee to attend the FDPOM.
5. Course Schedule / Resource Materials/ Platform:
 - a) The schedule will be provided by the coordinator. The resource materials will be available in the LMS of NITTTR Chennai.
 - b) The course will be conducted on Google Meet.
 - c) The coordinator will inform well in advance the meeting platform and tools required to undergo the FDPOM.
6. Application / Registration /Attendance / Permission / Feedback:
 - a) The online application form will be available in the Institute website.
 - b) All the selected participants have to register in the Institute website and/or link will be sent.
 - c) The attendance form also will be uploaded. Attendance is compulsory on all the days of the course.
 - d) Deputation / Permission order issued by the respective competent authority of the participant is mandatory for attending the FDPOM and for the issue of the certificate.
 - e) Course Feedback link also will be provided by the Coordinator to give the feedback.
7. Certificates:
 - a) NITTTR will issue a Certificate to only the participants who have submitted their reliving order / permission letter / self-declaration form (Format available in our Website) and attended the programme completely.
 - b) The participants need to secure minimum marks in the final online evaluation.

Note: In case of misinformation furnished by the participant, the same will be informed to the appointing authority.


 DIRECTOR

To

1. **The Commissioner, Directorate of Technical Education, Hyderabad - 500 001, Telangana**
2. **The Secretary, State Board of Technical Education and Training, Vijayawada – 521 108, Andhra Pradesh**
3. **The Director of Technical Education, Bengaluru – 560 001, Karnataka**
4. **The Director, Directorate of Technical Education, Thiruvananthapuram, Pin – 695 023, Kerala**
5. **The Joint Director, State Institute of Technical Teachers Training. & Research, Kalamassery - 683 104**
6. **The Commissioner of Technical Education, Chennai – 600 025, Tamil Nadu**
7. **The Director, Directorate of Higher and Technical Education, Puducherry – 605 008**
8. **The Professor & Head, NITTTR Extension Centre, Vijayawada – 521 108, Andhra Pradesh**
9. **The Associate Professor & Head i/c, NITTTR Extension Centre, Bengaluru – 560 001, Karnataka**
10. **The Associate Professor & Head i/c, NITTTR Extension Centre, Hyderabad – 500 028, Telangana**
11. **The Project Officer (Consultant), NITTTR Extension Centre, Kalamassery - 683 104, Kerala**
12. **PA to Director**
13. **Admin office, NITTTR Chennai**
14. **Accounts Section, NITTTR Chennai**
15. **Concerned Faculty member of the course**
16. **Website administration, NITTTR, Chennai**
17. **Social Media in-charge, NITTTR, Chennai** } for wide publicity and circulation