List of Refresher course/ Faculty Orientation or Other Programs as per UGC/AICTE

S.No.	Title of the program
	ACADEMIC YEAR 2020-2021
1	Thrust Areas of Research in Civil Engineering"(Phase-II)
2	Redemption from Plastic Pollution: Indian Railways
3	Smart Cities: Infrastructures and Sustainability
4	Fundamentals of Geotechnical and Structural Engineering for Sustainable infrastructural Development"
5	Sustainable Practice in Civil Engineering
6	Sustainable construction material
7	Alternate fuels
8	ICT tools for faculty
9	Design Thinking
10	Emerging technologies in product design & development
11	Emerging Technological challenges in Electric Vehicle
12	Role of materials in Electric vehicles
13	Electric vehicle technology: Challenges and Business opportunity
14	Innovation Management for Nuturing entrepreneurship culture in educational Institutes
15	Robotics and control
16	Role of augmented reality and virtual reality in realtime applicatios
17	3D printing and Design for Applications and entreoreneur
18	Innovation Management for Nuturing entrepreneurship culture in educational Institutes
19	Internet of Things and its applications
20	SustainabilityEngineering
21	Recent trends and opportunities for research in electronics and computer science engineering
22	Recent trends in precisions agriculture
23	International FDP on post COVID-19 Challenges and Opportunities- A Global Perspective
24	Five Days Online Faculty Development Programme on "Unleashing the Power of Webinar to Acquire Essential Skills"
25	Three day Online Faculty Development Programme on "Improving Your Research Visibility – Research Impact and Metrics"
26	Three Days Online Faculty Development Programme on Teaching English Language and professional skills in the class room
27	Digital Teaching Techniques

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	ACADEMIC YEAR 2019-2020
1	CE8601-Design of Steel Structural Elements
2	FDP on Agile Methodology
3	Three Day FDP on "Teaching Techniques with Gamification"
4	Course on "R Training"
5	FDP on "Theory of Computation"
6	1 Week FDP on "PHP and MySQL"
7	FDP on "Research, Funding Projects and IPR"
8	FDP on "Python"
9	DRDO-NRB Sponsored National Seminar on Hybrid Optical Acoustic Autonomous Underwater Vehicle Swarms for marine environment monitoring
10	12 weeks FDP on "The Joy of Computing Using Python"
11	12 weeks FDP on "Programming in JAVA"
12	FDP on "Recent Trends in Machine Learning and AI"
13	1.5 weeks FDP on "Introduction to Internet of Things"
14	FDP on "Principles of Management"
15	Leadership talk
16	FDP on Cloud Infrastructure and Services
17	FDP on " Data science & Machine Learning "
18	Online FDP-Insights into quality research and innovation
19	Online FDP-Research Methodology
20	FDP-Future trends in electronics
21	Webinar on Machine Learning for Engineering Applications.
22	Webinar on future of entrepreneurship and employment opportunities
23	FDP on eSim under the technical support of spoken tutorial project
24	one week STTP on Control of power electronic converters for smart power systems.
25	Advanced NDT Techniques & Applications in Industry
26	Recent Advancements in Mechanical Engineering
27	Engineering Metrology
28	Strength of Materials for Mechnaical engineering
29	Engineering and Management Teaching Pedagogy -an Industry Prespective
30	Toyota Production system
31	Online course on Examination Reforms
32	Manufacturing of composites
33	Teaching Learning Tools for the digital Era
34	Novel Materials and its Industrial Applications
35	Regional Orientation Session on IIC 2.0 and ARRIIA 2020
36	Short Training Programmethrough ICT mode on Rural Development through Technical Institution
37	CSIR sponsored a two day National Level Workshop on "Recent Scientific and Technological Advancements of Mathematical Approaches in Inventive Science and Engineering"
38	Solid State Physics
39	Technical English for Engineers
40	Integral Transforms and Their Applications

	ACADEMIC YEAR 2018-2019
1	CE8402- Strength of Materials
2	Short Term Training Programme through ICT mode on NBA Accreditation
3	1 week FDP on "Cloud Computing"
4	1 week FDP on "Introduction to R Software"
5	1 week FDP on "Problem Solving Through Programming in C"
6	Refresher Program on "Machine Learning Techniques for Next generation Smart System"
7	1 week FDP on "Database Management System"
8	Two days FDP on "Introduction to Mobile APP Development"
9	MongoDB Basics
10	Four days workshop on "Electrical circuit design using EPLAN"
11	TWO day Workshop on "Emerging trends in power electronics and applications"
12	TWO day Workshop on "Inteligent automaion using industry 4.0"
13	AICTE - Sponsored Students induction programme
14	PMO-IEDP
15	ICMR sponsored National Level Workshop on "Mathematical Modeling and Numerical Simulation of Brachial Plexus Injuries"
	ACADEMIC YEAR 2017-2018
1	Workshop on "IOT"
2	FDP on "Machine Learning Techniques in Information Retrieval"
3	FDP on" National Seminar on "Mobile App. Development using Open Source for Cyber Secure Applications"
4	1week FDP on " Design and Analysis of Algorithm"
5	FDTP on "Salesforce Trail ahead"
6	Internet of Things
7	Lean Manufacturing and Manufacturing Technology
8	FDP on Entrepreneurship
9	WORHSHOP on Introduction to Robotics
10	COURSE on Industrial Robots Programming & Operations
11	WORKSHOP on Industrial Automation
12	SEMINAR on Vibration and Noise Engineering
13	One Day Seminar On "Mathematical Modeling For Science & Engineering"
14	Two Day International Conference On "Active Vs Reactive Texts: Literature, Language, Criticize Theory And Translation
15	One Day Workshop On "English As Life Skill In The Corporate World"
16	One Day Seminar On " Glimpses Of English Literature : Social History Of England Children's Literature
17	Seminar On "Digital Disruption Is The Future Of Business. Build And Scale Fast".
18	Two Day National Seminar On " Recent Trends In Smart Materials For Advanced Engineering
19	TThree Day National Seminar On " Challenges And Opportunities Of IOT Based stand Alone And Interactive Micro Grid System
20	Hands On Training In " Basics Of Electronics And PCB Designing"

	ACADEMIC YEAR 2016-2017
1	Prefabricated Structures
2	FDP on "IoT Applications Using TI CC 3200"
3	FDP on "Introduction to R programming"
4	FDP on "Emotional Intelligence"
5	FDP on "Data Science and Big Data Analytics"
6	FDP on "Analog, power embedded system and wireless (IOT)"
7	FDP on "Introduction to Hadoop Developer"
8	FDP on "Entrepreneurship"
9	Strength of Materials
10	Foundation skills in integrated product development
11	FDP on Automated System Design Using 20-Sim Software
12	Workshop on Characterization ofMaterials forAdvanced Applications
13	FDP on "Analog, power embedded system and wireless (IOT)"
14	Two day FDP on "Advances in Power Electronics Drives"

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