

CONSOLIDATED RECORD OF FACULTY DEVELOPMENT PROGRAMS

Name: Chempak Kumar A | Period: 2004 – 2026

Total Programs: 49	Time Span: 2004 – 2026	Focus Areas: AI, ML, Signal Processing, Embedded Systems
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YEAR	COURSE / PROGRAM NAME	CONDUCTED BY	SPONSORING AGENCY	DATES	DURATION
2004	Advances in Electronic Communication Systems	TKM College of Engg, Kollam	AICTE-ISTE	15-03-2004 to 27-03-2004	13 Days
	Instructional Design and Delivery	CE Trikaripur	NITTTR Chennai	05-07-2004 to 10-07-2004	6 Days
2008	Power Electronics and Digital Techniques in Electric Utility Applications	CE Perumon	ISTE-NAMPET	07-07-2008 to 13-07-2008	7 Days
	Embedded System Design and Applications	Lourde Matha College of Science and Technology	AICTE	01-12-2008 to 13-12-2008	13 Days
2012	Recent Trends in VLSI and MEMS	GEC Barton Hill	TEQIP-II	08-08-2012 to 14-08-2012	7 Days
	Optoelectronics and Communication Workshop	CE Perumon	TEQIP-II	15-11-2012 to 17-11-2012	3 Days
2013	Academic Leadership Program for TEQIP Institutions	IIM Calicut	TEQIP II	03-06-2013 to 13-06-2013	11 Days
	Research Methodology Methods and Techniques	GEC Thrissur	TEQIP-II	12-08-2013 to 14-08-2013	3 Days
	Computational Tools in Research	CE Attingal	AICTE	19-11-2013 to 02-12-2013	14 Days
2014	Embedded System Design	LBSITW, TVPM	TEQIP II	03-03-2014 to 06-03-2014	3 Days
2015	Recent Trends in Biomedical Signal Processing	SCT College of Engg	ISTE	20-04-2015 to 30-04-2015	11 Days
2016	National Workshop on DSP with Special Emphasis on Digital Speech Processing (SIGCON2016)	Govt College Madapally, Calicut	SERB/DST, Govt of India	02-02-2016 to 05-02-2016	4 Days
	Medical Imaging: Techniques and Image Processing	IIT Delhi	TEQIP-II	25-03-2016 to 27-03-2016	3 Days
	Faculty Development Program	IIT Madras	TEQIP II	05-05-2016 to 07-05-2016	3 Days
	Management Development Program	IIM Calicut	TEQIP II	04-07-2016 to 08-07-2016	5 Days
	Essential Mathematics in Engineering	APJAKKTU	APJAKKTU	29-11-2016 to 03-12-2016	5 Days
	Challenging Role of Teachers in Higher Education - Transformation from an Academician to a Researcher	Dept ME, CET	DTE, Kerala	05-12-2016 to 10-12-2016	6 Days

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2018	National Workshop on DIP and ML	IIITM-K Technopark	IIITMK	26-10-2018 to 28-10-2018	3 Days
2019	Deep Learning	CE Perumon	TEQIP-II	29-01-2019 to 31-01-2019	3 Days
2020	National Workshop on Deep Learning 2020	University of Kerala	University of Kerala	13-01-2020 to 15-01-2020	3 Days
	National Seminar on Machine Intelligence	University of Kerala	University of Kerala	22-01-2020 to 24-01-2020	3 Days
	Exploring the Nuances of DL for Research Applications - A Deeper Experience	Dept of ECE, Karunya Institute of Technology and Sciences	Karunya Deemed University	13-07-2020 to 17-07-2020	5 Days
	Knowledge Representations in AI	Dept of CS, Sacred Heart College, TN	Sacred Heart College, TN	20-07-2020 to 24-07-2020	5 Days
	Python Programming for Computer Vision and Data Science	Dept of ECE, TKM College of Engineering, Kollam	TEQIP II	28-12-2020 to 02-01-2021	6 Days
2021	Soft Computing Techniques	Dept of ME, CE Perumon	TEQIP II	08-02-2021 to 13-02-2021	6 Days
	High Performance Computing and Deep Learning for Image, Text Analysis	Dept of CS, Mar Baselios College of Engineering and Technology	AICTE	22-02-2021 to 27-02-2021	6 Days
	Artificial Intelligence Using MATLAB	Coreel Technologies	Coreel Technologies	25-02-2021 to 27-02-2021	3 Days
	Artificial Intelligence and Its Global Applications	Dept of CS, University of Kerala	University of Kerala	15-03-2021 to 20-03-2021	6 Days
	Language, Data and Knowledge Extraction	Dept of CS & Dept of Linguistics, University of Kerala	University of Kerala	22-03-2021 to 24-03-2021	3 Days
	Deep Learning for Image and Video Applications	Dept of ECE, LBSCE	KTU	15-06-2021 to 17-06-2021	3 Days
	LaTeX Workshop	IMT, Punnappra	CAPE	17-06-2021 to 19-06-2021	3 Days
	Mathematics for Machine Learning	Dept of CSE, CE Trivandrum	KTU	30-06-2021 to 16-07-2021	15 Days
	Role of ML in Image Retrieval	Dept of CSE, GMR Institute of Technology, Rajam	CSI and ISTE	06-07-2021 to 11-07-2021	6 Days
	Data Science and Information Processing	Dept of CS, University of Kerala	University of Kerala	22-11-2021 to 24-11-2021	3 Days
2022	Recent & Future Trends in Digital Signal Processing Techniques & Its Industrial Applications	LBSITW	TEQIP II	10-01-2022 to 14-01-2022	5 Days
	Research Applications in Machine Learning	Dept of IT, GMRIT Rajam & Dept of CS&SE, Andhra University	Andhra University	28-03-2022 to 01-04-2022	5 Days
2023	Advances in Deep Learning Models for Object Detection	Division of CSE, SOE, CUSAT	CUSAT	26-10-2023 to 28-10-2023	3 Days

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2024	AI and ML in Signal Processing	Dept of ECE, SCMS School of Engineering and Technology	ISTE & KTU	11-03-2024 to 15-03-2024	5 Days
	Generative AI Models and Applications of ML	Dept of CSE, Shri Vishnu Engineering College for Women	CSI & ISTE	21-05-2024 to 25-05-2024	5 Days
	Hands-on Workshop on Applications of Artificial Intelligence and Machine Learning	Dept of ECE, SIST	ISTE Kerala Section	05-08-2024 to 09-08-2024	5 Days
	Computational Techniques and AI Applications in Signal Processing and Imaging	Dept of ECE, Nehru College of Engineering and Research Centre, Thrissur	IEEE SB	23-09-2024 to 27-09-2024	5 Days
	Revolutionizing AI: Practical Insights into Deep Learning for NLP and Computer Vision	Dept of AI & ML, Vidya Academy of Science and Technology, Thrissur	ISTE Chapter	12-12-2024 to 17-12-2024	6 Days
2025	Exploring AI Paradigms: ML, DL & Research Perspectives	Dept of ECE, College of Engineering Muttathara	Not Specified	10-03-2025 to 14-03-2025	5 Days
	Advanced LLMs & Explainable AI	Dept of CSE, Adi Shankara Institute of Engineering Technology, Kalady	TCS, Kochi	16-06-2025 to 21-06-2025	6 Days
	AI Driven Learning Management Systems	Dept of CSE, MBITS Kothamangalam	Not Specified	21-07-2025 to 26-07-2025	6 Days
2026	Chaining Generative Large Language Models in Agentic Reasoning	Dept of CS, University of Kerala	Not Specified	09-02-2026 to 13-02-2026	5 Days
	Redefining Academia: Teaching Innovation and Research Excellence	Dept of CS, University of Kerala	Not Specified	23-03-2026 to 27-03-2026	5 Days
	Digital and Biomedical Signal Processing Tools, Trends and Research Impact	Dept of ECE & Biomedical Engg, Ilahia College of Engineering and Technology, Muvattupuzha	Not Specified	04-05-2026 to 09-05-2026	6 Days
	Advanced ML Paradigms: Theory, Lab and Research Applications	Dept of CSE, MEA Engineering College	Not Specified	18-05-2026 to 27-05-2026	10 Days