KPR Institute of Engineering and Technology
(Autonomous)
Avinashi Road, Arasur, Coimbatore - 641 407

LEARN BEYOND

11 years of Academic Excellence

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

MHRD'S INNOVATION CELL
(GOVERNMENT OF INDIA)

CONTINUING EDUCATION PROGRAMME

ANNUAL REPORT

ACADEMIC YEAR 2020-2021

CONTINUING EDUCATION PROGRAMME
2020 - 2021

VISION

To enhance the knowledge and skill of the staff and students towards technological advancements.

MISSION

1. Technological training on best practices through continuous education.

2. Improve the Quality of the Education through training and adapting to the changing

   Environment.

SHORT TERM GOAL

To provide installation support, training and to create awareness in application of MATLAB software through continuous education.

LONG TERM GOAL

1. To incorporate MATLAB in the practical curriculum and syllabi and create

   experiential learning.

2. To provide technological training to the latest changing environment.

ACTIVITIES OF CEP
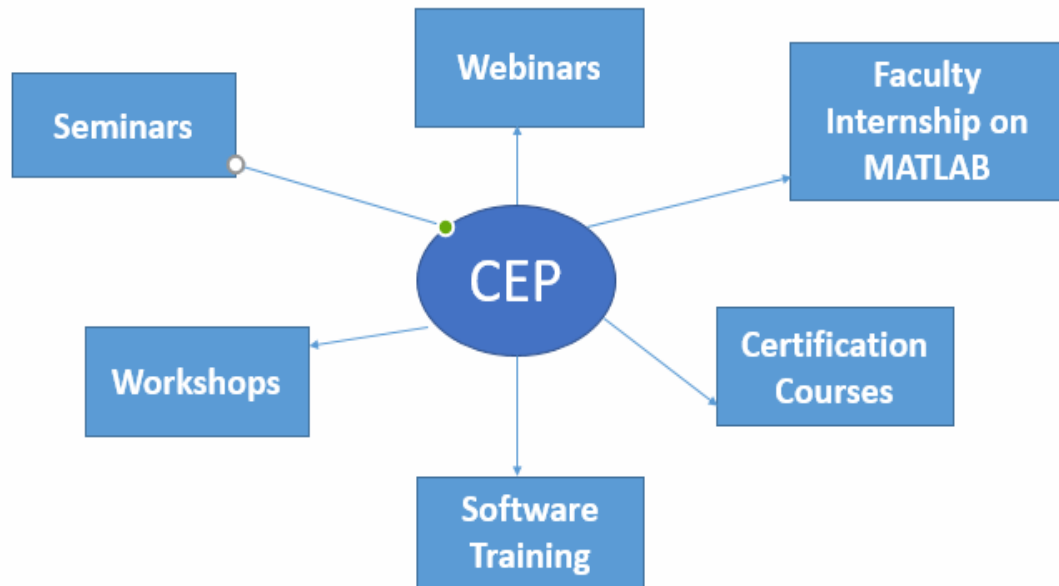
MEMBERS

S. No.	Name of the Faculty Member	Designation	Department
1.	Dr. M. Akila	Principal/ Chairman	
2.	Dr. B. Nagarajan	AsP/ Head/ CEP	DCoE
3.	Dr. S. Ravindaran	AP(Sr.G)/ Asso. Head/ CEP	EEE
4.	Dr. S. Meena	AP(Sr.G)/ Member	Mathematics

FACULTY MEMBERS:

For any clarifications/doubts regarding the installation of the Matlab, feel free to contact the following MATLAB Support Team:

S. No.	Name of the Faculty	Designation & Department	Mobile No.
1	Ms. S. Sree Sanjana Bose	Asst. Prof. / BME	99449 78595
2	Dr. K. S. Elango	Asst. Prof. / Civil	97903 84483
3	Dr. E. Nakkeeran	Asst. Prof. (Sr.G) / Chemical	90030 35661
4	Dr. M. Siva Sangari	Asst. Prof. (Sl.G) / CSE	95437 37334
5	Dr. J. Muralidharan	Assoc. Prof. / ECE	99440 32043
6	Dr. S. Ravindran	Asst. Prof. / EEE	98946 86238
7	Ms. G. Jenifa	Asst. Prof. (Sr.G) / AI&DS	94883 68212
8	Dr. K. Karthikeyan	Asst. Prof.(Sr.G.) / Mathematics	96291 55034
9	Ms. R. Jagadeeswari	Asst. Prof. / Chemistry	96294 01216
10	Dr. A. Kalaivani	Asst. Prof. / Physics	86678 01003
11	Mr. S. Iyamperumal	System Administrator	90036 14337
12	Dr. B. Nagarajan	Assoc. Professor/S&H & DCoE	98428 97141

LEARN BEYOND THROUGH INTERNATIONAL CERTIFICATION / INDUSTRY CERTIFICATION

KPR Institute of Engineering and Technology
Learn Beyond (Autonomous, NAAC "A")

Avinashi Road, Arasur, Coimbatore.
Phone: 0422-2635600
Web: kpriet.ac.in
Social: kpriet.ac.in/social

NBA Accredited (CSE, ECE, EEE, MECH, CIVIL)

Continuing Education Programme (CEP)

Learn Beyond through International Certification / Industry Certification

BOSCH	Mechanical Engineering	Mechanical Engineering	BOSCH
	Bosch – KPRIET JCP on Vehicle System Diagnosis & Trouble Shooting	Bosch – KPRIET JCP on Auto Electrical Systems	
BOSCH	Mechanical Engineering	Mechanical Engineering	DASSAULT SYSTEMES
	Bosch – KPRIET JCP on Vehicle Air Conditioning Systems & Functions	CSWA – Certified Solid Works Associate	
DASSAULT SYSTEMES	Mechanical Engineering	Computer Science and Engineering	RedHat
	CSWP - Certified Solid Works Professional	RED HAT Certified System Administrator	
EMURGO	Computer Science and Engineering	Artificial Intelligence & Data Science	Xebia
	EMURGO Certification in Foundations of BLOCKCHAIN	Artificial Intelligence and Machine Learning	
Trimble	Civil Engineering	Chemical Engineering	aspentech
	Fundamentals for Tekla Structures	ACU-Aspen HYSYS Aspen HYSYS- User Certification Exam	
NVIDIA	Electronics and Communication Engg.	Electronics and Communication Engg.	CompTIA
	Fundamentals of Deep Learning for Computer Vision	CompTIA ITF +	
NATIONAL INSTRUMENTS	Biomedical Engineering	Electrical and Electronics Engineering	Udemy
	Certified LabVIEW Associate Developer	Electrical Engineering Simulation with ETAP	
MATLAB SIMULINK	Electrical and Electronics Engineering	The capacity to learn is a gift; The ability to learn is a skill; The willingness to learn is a choice. — Brian Herbert	
	Matlab and Simulink Training		

LIST OF EVENTS CONDUCTED FOR THE ACY 2020-21:

Event No.	Month of Installation	No. of Events	No. of Mathwork Webinars	Total
1	July 2020	10	0	10
2	Aug 2020	3	4	7
3	Sep 2020	4	5	9
4	Oct 2020	2	5	7
5	Nov 2020	1	4	5
6	Dec 2020	1	3	4
7	Jan 2021	2	1	3
8	Feb 2021	1	3	4
9	Mar 2021	4	4	8
10	Apr 2021	0	0	0
11	May 2021	0	3	3
12	Jun 2021	0	1	1
Total		28	33	61
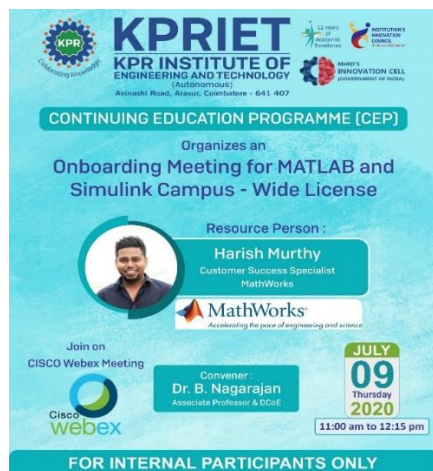
Date of the Event: 09.07.2020
Title of the Event: On boarding Meeting for MATLAB and
                  Simulink Campus-Wide License
 No. of Participants: 25
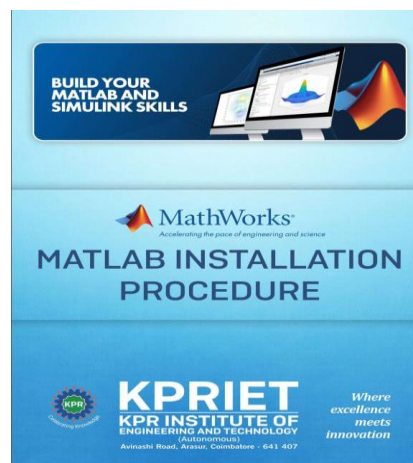
Date of the Event: 17.04.2021
Title of the Event: MATLAB Installation Procedure
No. of Participants: 250

Date of the Event: 20.07.2020
Title of the Event: Train the Trainers on MATLAB Basics
No. of Participants: 12 (CEP members)

Date of the Event: 23.07.2020
Title of the Event: Fundamental of MATLAB Programming
Dept Organized :   Bio-Medical Engineering
No. of Participants: 50

Date of the Event: 23.07.2020
Title of the Event: MATLAB Fundamentals – Hands on Practice
Dept Organized : Computer Science Engineering
No. of Participants:73

Date of the Event: 25.07.2020 & 28.05.2020
Title of the Event: Introduction to MATLAB
Dept Organized : Civil Engineering
No. of Participants:162

Date of the Event: 25.07.2020
Title of the Event: MATLAB FUNDAMENTALS-Hands on practice
Dept Organized : Mechanical Engineering
No. of Participants: 115

Date of the Event: 28.05.2020
Title of the Event: MATLAB FUNDAMENTALS-Hands on practice
Dept Organized : Chemical Engineering
No. of Participants: 50

Date of the Event: 28.05.2020
Title of the Event: Hands on training in MATLAB FUNDAMENTALS
Dept Organized : Electrical and Electronics Engineering
No. of Participants: 112

Date of the Event: 28.07.2020
Title of the Event: Introduction to MATLAB- A Hands on Training
Dept Organized : Electronics and Communication Engineering
No. of Participants: 65

Date of the Event: 05.06.2020
Title of the Event: Stochastic Processes in Object Classification Problems
Dept Organized : Mathematics
No. of Participants: 80

Date of the Event: 05.08.2020
Title of the Event: Integrating Engineering Technologies and Research Avenues
Dept Organized : Electronics and Communication Engineering
No. of Participants: 30

Date of the Event: 24.08.2020
Title of the Event: Sustainable Environment
Dept Organized : Chemistry
No. of Participants: 125

Date of the Event: 28.09.2020, 29.09.2020 & 30.09.2020
Title of the Event: Artificial Intelligence, Image Processing, Computer Vision & Deep Learning Using MATLAB
Dept Organized : Electronics and Communication Engineering
No. of Participants: 18 (Faculty)

Date of the Event: 02.09.2020
Title of the Event: International Higher Education
- Opportunities after Education
Dept Organized : Computer Science Engineering
No. of Participants: 25

Date of the Event: 16.09.2020
Title of the Event: Get – Set – Go
Dept Organized : English
No. of Participants: 125

Date of the Event: 28.09.2020
Title of the Event: Structural Engineering: Companies and Career
Dept Organized : Civil Engineering
No. of Participants: 25

Date of the Event: 14.10.2020
Title of the Event: Network Administration
Dept Organized : Computer Science Engineering
No. of Participants: 7 (Lab technicians- KPRIET)

Date of the Event: 16.10.2020
 Title of the Event: Unfolding the wonders of extended reality
No. of Participants: 25

Date of the Event: 06.11.2020
Title of the Event: Recent trends in Bio medical Engineering
No. of Participants: 25

Date of the Event: 08.01.2021
Title of the Event: Solid waste management and value added product recovery
Dept Organized : Chemical Engineering
No. of Participants: 25

Date of the Event: 11.01.2021
 Title of the Event: Introduction to Vedic Mathematics
No. of Participants: 120

Date of the Event: 11.02.2021
Title of the Event: Emerging Technology:BIM
Dept Organized : Civil Engineering
No. of Participants:34

Date of the Event: 13.03.2021
Title of the Event: Image Processing in Bio medical Applications
No. of Participants: 34

Date of the Event: 26.03.2021
Title of the Event: Importance of Biomedical Engineer in
                     medical industry during COVID-19
Dept Organized : Bio-Medical Engineering
No. of Participants: 34

Date of the Event: 27.03.2021
Title of the Event: Design and Prototype FGPA and SoC Systems using
                     MATLAB & Simulink
Dept Organized :   Electronics and Communications Engineering
No. of Participants: 36

Date of the Event: 30.03.2021
Title of the Event: Pre-Layout and Post-Layout Simulation Using Cadence
Dept Organized : Electronics and Communications Engineering
No. of Participants: 34

Date of the Event: 07.05.2021
Title of the Event: MATLAB session for New Users
No. of Participants: 34

Date of the Event: 14.05.2021
Title of the Event: Machine Learning with MATLAB
No. of Participants: 34

Date of the Event: 28.05.2021
Title of the Event: : Deep Learning with MATLAB
No. of Participants: 34

Date of the Event: 04.06.2021
Title of the Event: Image Processing and Computer Vision with MATLAB
No. of Participants: 34

Teaching Coureses with MATLAB in the Current Odd Semester 2020-2021

S. No.	Department	Courses in Current Semester
1	BME	Signals & Systems, DSP Lab, DIP Lab, Discrete-Time Signal Processing
2	CHEMICAL	Fluid Mechanics for Chemical Engg, Heat Transfer, Mass Transfer
3	CIVIL	Strengh of Material, Design of RCC Elements, Structural Analysis I, Estimation, Costing and Valuation Engg.
4	CSE	Computer Architecture and Microprocessor, Computer Networks, Machine Learning, Wireless Adhoc Networks.
5	ECE	Signals & Systems, Antenna and Microwave Engg, Embedded and Real Time Systems, Machine Learning.
6	EEE	Electronic Devices and Circuits, Digital Logic Circuits, DSP, Power Electronics, PowerSystem simulation Lab.
7	Mech	Thermal Engg, Dynamics of Machines, Process Planning and Cost Estimation, Mechatronics
8	Maths	Fourier series and PDE, Discrete Mathematics, Algebra and Number Theory, Probability and Statistics
9	Physics	Engineering Physics, Engineering Physics (CSE)