

**Important dates:**

Last date for application : 20/06/2019

Intimation of Selection : 22/06/2019

**Accommodation & Travel:**

Candidates have to arrange their own boarding and lodging. Only working lunch and snacks will be provided. No Travel Allowance will be paid to the participants.

**Organizing Committee:**

**Prof. Dr. Bhattacharjee, IIT Guwahati**  
(Principal Coordinating Academy)

**Prof. Dr. Jayanta Ghosh, NIT Patna**  
(Co-Principal Coordinating Academy)

**Dr. K Gunaseelan, CEG, AU**  
(Coordinator at CEG, Anna University)

**Address for Communication:**

**Dr. K Gunaseelan,**  
Assistant Professor (Sl.Gr)  
Department of ECE  
CEG Campus, Anna University  
Sardar Patel Road, Chennai 600025  
Mobile: 9626505161

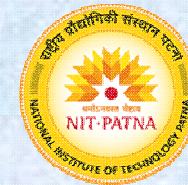


## FDP ON ANTENNA TRENDS through NKN Summer Course 2019



**01 – 05 JULY 2019**

**Dr. K. GUNASEELAN**



**Sponsored by**

**Ministry of Electronics and Information Technology  
(MeitY)**

**Organized by**

**Electronics and ICT Academy  
National Institute of Technology, Patna**

**in association with**

**Department of ECE  
College of Engineering Guindy  
Anna University, Chennai 600 025**

### About Summer Courses:

Faculty Development Programmes in core areas of Electronics and Information & Communication Technology (ICT) streams have been planned by academies for delivery during Summers (i.e., May – July 2019). All these summer courses will be offered through National Knowledge Network (NKN) based Video Conferencing, with lectures delivered by invited experts from IITs, NITs, IIITs and other premier institutes/industries. In addition, local course coordinators at respective academies /identified remote centers will take care of sessions on design orientation/activity linked problems/ assignments/ case studies and quiz test(s). All seven EICT Academies will host the participants simultaneously along with some selected remote centers all over our country, through NKN-VC infrastructure. Candidates could attend the training programme at Academy locations or at identified remote centers as per the convenience. For registration participants need to apply to one of the Academies, however, they can attend the training programme at that Academy or any remote centre attached to that respective Academy, please refer to respective academy websites.

### Target Beneficiaries:

Interested Faculty and Ph.D Research Scholar of Engineering/ Technical institutions are eligible to attend these summer courses. Fifty (50) seats are available for each course to be offered at each Academy/Remote Centre. Participants will be selected based on first-cum-first-serve basis by each academy. Selected participants will be communicated through e-mail / notified in E&ICT Academy websites.

### Registration Fees:

No Registration fee is charged for attending this programme planned at any designated academies/Remote centers. However, candidate should submit a DD of Rs.1000/- in favor of **“Director, NIT Patna; payable at Patna”** along with application form and the same will be handed over to the participant on the last day of the training. Certificate for participation as well as for Satisfactory performance will be given to the participants subject to fulfillment of attending all sessions, submission of assignments and clearing the test(s).

### How to apply:

Duly filled in form should reach the local coordinator along with DD in the address specified below. GoI norms will be followed for SC/ST participants. Softcopy of the application form and DD can be mailed to **antennatrendsfdp@gmail.com**

### Course Duration:

The course is designed as 3 credit equivalent for 40 hours (Theory Lectures, Hands-on/Design orientation/Activity linked problems/ Assignments Problem Solving/Case Studies sessions/Quiz Tests)

### Key Topics:

- Antenna fundamentals and basic antenna configurations
- Planar Antennas
- Antenna Arrays and Beam forming
- Reflector Antennas for RADAR and Satellite Communication
- Emerging Trends in Antenna Technologies (Flexible and wearable antennas, implantable antennas, antennas for 5G, UWB and THz)
- Simulation experiments on dipole antenna, loop antenna, MSPA, arrays, paraboloidal axisymmetric and offset reflector antennas

**APPLICATION FORM FOR Summer FDPs (May – July 2019)** [Xerox copies are permitted]

**E&ICT ACADEMY**

An initiative of Ministry of Electronics & IT, Government of India

**IIT Guwahati**



**IIITDM Jabalpur**



**MNIT Jaipur**



**IIT Kanpur**



**NIT Patna**



**IIT Roorkee**



**NIT Warangal**



**1. Choice matrix for Name and Academy of the Summer Course Applying for:**

S. No.	Name of the Summer-2019 Course (Tick in the blank column on right side with ✓) (Send copies of this form to all individual academies you have ticked with separate DD)	IIT Guwahati	IIITDM Jabalpur	MNIT Jaipur	IIT Kanpur	NIT Patna	IIT Roorkee	NIT Warangal
1.	Network Security (20-May-2019)				X		X	
2.	Deep learning and applications (27-May-2019)				X			X
3.	Advancements in Signal Processing and Optimization Techniques (03-June-2019)				X			
4.	Embedded Systems & interfacing hands-on (10-June-2019)	X			X		X	X
5.	Introduction to Programming: A Pedagogical Approach (17-June-2019)	X					X	X
6.	Robotics & AI (24-June-2019)	X			X		X	
7.	Antenna Trends (01-July-2019)		X		X		X	X
8.	VLSI Chip Design Hands on using open source EDA (08-July-2019)				X			

Affix recent pass-port size photo of the applicant

Name of the Applicant.....(in Block letters)

Father's Name :.....

Designation.....(Faculty / Industry Professional/Other) (Tick one)

Name of the Institution/organization to which the candidate belongs: .....

Address for communication:.....

..... Mobile phone No : .....

E -mail (preferably at organization):..... Mobile No.....

Gender: Male/Female                      Date of birth and Age :.....

Aadhar Card No:.....

Do you belong to SC / ST :                      Yes / No (If Yes, attach photo copy of the proof)

Payment by DD/online transfer for Rs. 1000/- (refundable):

Payment Mode	Bank Name	Demand Draft No./ Transaction ID	Date
DD / Online			

Highest educational Qualifications with specialization:

Accommodation required (only if attending at one of EICT Academy): Yes / No

**DECLARATION & Forwarding**

The information provided is true to the best of my knowledge and belief. (Declaration with Signature of the Applicant)

Forwarded by Head of the Institution/Organization/Industry

(Signature & Seal)