

**ONE WEEK NATIONAL LEVEL
ONLINE STTP
ON
IoT APPLICATION DEVELOPMENT
USING PYTHON
(Smart Health Care)
(23rd November – 28th November 2020)
Phase - III**

REGISTRATION FORM

Name: _____

Designation: _____

Mobile: _____

College Name: _____

E-Mail: _____

Signature of the Participant Signature of the
Head of the Institution

Last date for Registration:
22nd November 2020

Registration Fee: *NIL*****

Online meeting link will be provided through WhatsApp.

The number of Participants will be limited to 150

Eligibility

The STTP is open to faculty members of AICTE approved Institutions, Research scholars and persons from industry and R&D organizations from all over country.

*Note: E- Certificates will be provided to those participants who attend all the sessions of the program and also appear for the online test as **per the norms of AICTE.**

ABOUT THE STTP

Faculty attending this STTP will be able to get a thorough understanding of widely accepted IoT frameworks and standards. They will be trained on advanced concepts and methodologies of IoT to design, build and deploy IoT solutions. The training also covers popular, service-rich cloud platforms and focuses on how to build and deploy IoT applications in designing monitoring and controlling smart health care devices and to provide timely medications and suggestions for patients. Practical use cases and case studies are included to ensure that the participants develop an ability to work through practical real life scenarios. The last STTP is in the domain of Industrial IoT (IIoT)

Topics to be covered:

- Introduction
- Healthcare Ecosystem
- Remote Patient Monitoring
- Challenges in Healthcare
- Mobile Health
- Blockchain in the context of IoT Healthcare
- Smart Hospitals
- Startup Case Study
- Smart Health Devices
- Robotics in Healthcare
- ML on IoT Healthcare

Registration link:

<https://tinyurl.com/NecSttp3SmartHealthCare>

For further details contact

Convenor

Dr. V Venkata Rao 9441127585

Coordinator

Dr. K.Sreenivasa Ravi 9492488055

Co-coordinators

Dr. K. Raju, 6281429537

Dr. B. Raghavaiah, 9247217357

Dr. A.V. Nageswararao, 9440664462

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Sponsored by AICTE



**Organized by
Department of
Electronics & Communication Engineering**



**NARASARAOPETA
ENGINEERING COLLEGE
(AUTONOMOUS)**

Kotappakonda Road, Yellamanda (P.O)
Narasaraopet – 522601, Guntur District, A.P.
Approved by AICTE, Permanently Affiliated to JNTUK,
Kakinada,

Accredited 'A' Grade by NAAC, Accredited by NBA.

www.nrtec.in
Phone: **08647-239914**
FAX: **08647-239902**
E-Mail: **ecehod@nrtec.in**

ABOUT THE COLLEGE

The Narasaraopeta Engineering College was established in the year 1998 by Gayatri Educational Development Society, Narasaraopet, under the leadership of Sri M.V.Koteswara Rao, who has a vision of developing this college as an autonomous institution of higher learning & knowledge in the heart of Palnadu region. The college is approved by AICTE, permanently affiliated to JNTUK Kakinada, Accredited 'A' Grade by NAAC and Accredited thrice by NBA. NEC is announced as 'AUTONOMOUS' in the year 2016. The college has launched Incubation Centre where the students can implement their ideas. The college has an MOU with Oracle University (USA). The college has AP CM Excellence centre, AI&ML centre and MSME centre. The college offers Seven M.Tech programmes, Two PG courses of MCA, MBA and Seven courses at B.Tech level in the branches EEE, CSE, CSE-AI, IT, ECE, ME and CIVIL. The college has well equipped laboratories and computers. Microsoft Innovation Centre was established in the college. In order to build a vibrant entrepreneurship ecosystem Venture Development Centre (VDC) is established in association with i2E North Eastern University, USA and APSSDC. Also, the college has Indo-European skilling Centre for Mechatronics and Industrial Robotics in collaboration with APSSDC and ARC (Applied Robot Control), Germany. AP CM's Skill Excellence Center is also established to provide students access to the most advanced courses by industry giants. The college has MOU with New Mexico State University, USA, which enables student and faculty exchange programs.

Narasaraopet is known as the gateway of Palnadu. Narasaraopet is a town in Guntur district and is on the railway line of Guntur to Guntakal. Narasaraopet is 50 Km from Guntur and 25 Km from Chilakaluripet (NH5) by road. Narasaraopet is 120 Km away from Vijayawada Airport. Kotappakonda is the site of major religious pilgrim place of Lord Siva which is located 5 Km from NEC.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 1998 with an intake of 40 students in B.Tech. programme. The intake was enhanced subsequently and the present intake is 240. The department also offers two PG programs, M.Tech (Digital Electronics and Communication Systems) which was started in the year 2004 and M.Tech (Digital Systems and Computer Electronics) which was started in the year 2006 with an intake of 18 each. The department has a team of highly qualified, experienced and dedicated teaching faculty.

The department has good infrastructural facilities and has full-fledged laboratories equipped with adequate state-of-the art equipment and latest software. The UG programme of the department is accredited thrice by NBA. The department has Embedded Systems and Robotics Lab which was established under IIT Bombay E-Yantra Project. The department has vibrant atmosphere for the students to emphasize on fundamentals and concepts focusing on analysis and design of various applications to fulfill the needs of industry. The department encourages faculty members and research scholars to carry out their research.

RESOURCE PERSONS

Dr.A. Srinath,

Professor K L Deemed to be University, AP India

Dr. K Sridhar Patnaiak

Associate Professor, BIT, Mesra

Dr Rashmi Ranjan Rout,

Associate Professor, NIT Warangal

Dr. Vandana C. Bagal

Head & Associate Professor

KK Wagh Institute of Engineering Education and Research, Nashik, Maharashtra

Mr, P. Madhusudhana Rao, MD,

madBlocks Technologies Pvt Ltd, Hyderabad

Chief Patron

Sri M.S. Chakravarthi

B.E., M.S(USA), Exec-MBA(ISB).
Vice - Chairman, NEC Group.

Patrons

Sri M.V. Koteswara Rao B.Sc.

Chairman, NEC Group.

Sri M. Ramesh Babu

Secretary, NEC Group.

Co-Patron

Dr. M. Sreenivasa Kumar

M.Tech., Ph.D. (UK), MISTE., FIE(I).
Principal.

Convenor

Dr. V. Venkata Rao, Professor & Head

Coordinator

Dr. K. Sreenivasa Ravi

Professor, Dept. of ECE

Co-coordinators

Dr. K. Raju,

 Professor

Dr. B. Raghavaiah,

 Professor

Dr. A.V. Nageswararao, Associate Professor,

Organizing Committee

Prof. J. V. K Ratnam	Mr. M. Srinivasa Rao
Prof. P .S.S.Chakravarthi	Mrs. B. Suneetha
Mr. J. Narasimha Rao	Mrs. T. Indira
Mr. A. Charles Stud	Mr. A. Raveendra Babu
Mr. V. Naveen Raja	Mr. T. Ravi Kanth
Mr. G. Srinivasa Rao	Mrs. P. Vasanthi
Mr. P. Bhagya Raju	Mr. N. Rajeev Reddy
Mr. Y. V. Lakshmaiah	Mr. Ch. Suresh Babu
Mr. Sk. Zuber Basha	Mr. E. Narendra
Mr. N. Srinivasa Rao	Mr. Ch. Karthik
Mr. V. Rama Krishna Reddy	

