

## **Pedagogical Activities**

**Objective:** Adding rational thinking, knowledge and self-sufficiency in students to build them future entrepreneurs. To redefine classroom experience and to welcome for innovative ideas to implement it effectively within time framework.

**Activity:** Creativity can be developed using case study based learning and innovation can be achieved by practical learning. This learning methodology benefits both the students and the teachers.

**Outcomes:** Describe the measurable skills, abilities, knowledge or values that students should be able to demonstrate as a result of a completing course.

1. Many faculty members have successfully completed the online certification from Electronics & ICT Academy, IIT Kanpur.

| <b>S.No</b> | <b>Faculty Name</b>           | <b>Topic</b>                                  |
|-------------|-------------------------------|---|
| 1           | Dr. Puneet Chandra Srivastava | MATLAB and Simulink in Engineering Education. |
| 2           | Dr. Puneet Chandra Srivastava | Wireless Ad Hoc and Sensor Networks           |
| 3           | Mr. Deepak Kumar              | Introduction to Electronics                   |
| 4           | Ms. Anamika Gupta             | Introduction to Electronics                   |
| 5           | Ms. Anamika Gupta             | Embedded system design                        |
| 6           | Mr. Kunal lala                | Introduction to Electronics                   |
| 7           | Ms. Leena sharma              | Introduction to Electronics                   |
| 8           | Ms. Leena sharma              | Learn IoT through Arduino and raspberry PI    |
| 9           | Mr. Rajneesh                  | Introduction to Electronics                   |
| 10          | Mr. Vaibhav Sharma            | Introduction to Electronics                   |
| 11          | Mr. Rakesh kumar              | Introduction to Electronics                   |
| 12          | Mr. Anil Verma                | Introduction to Electronics                   |
| 13          | Ms. Richa Gupta               | Introduction to Electronics                   |
| 14          | Mr. Deepak Kumar              | Antenna parts 1-Fundamentals of antennas      |

2. Dr. Pavan Kumar Shukla successfully completed a leadership workshop on “Management Capacity Buiding Programme on Critical Thinking” for the HOD’s of

AKTU affiliated institutions at Indian Institute of Management, Lucknow from 23/5/2019 to 26/5/2019.



- The department organized a one week workshop on “System Designing Using Microcontroller” on 27<sup>th</sup> May 2019 to 31<sup>st</sup> May 2019. This workshop was organized online in collaboration with NITTTTR Chandigarh.  
Participant-13 faculty members

**सिस्टम डिवाइस यूजिंग कंट्रोलर्स कार्यक्रम आयोजित**

**-आईना संवादाता-**  
**गाजियाबाद।** आरकेजीआईटी के इलेक्ट्रॉनिक्स एवं कम्युनिकेशन विभाग में सिस्टम डिवाइस यूजिंग कंट्रोलर्स पर पांच दिवसीय फैकल्टी डेवलपमेंट कार्यक्रम का आयोजन किया गया। यह कार्यक्रम आरकेजीआईटी एनआइटीटीटीआर चंडीगढ़ द्वारा संयुक्त रूप से किया जा रहा है। उपर्युक्त विषय आज के प्रगतिशील समय की महत्वपूर्ण तकनीकों के ज्ञान के लिए अत्यावश्यक है। विभागाध्यक्ष डॉ. धीरेंद्र कुमार ने बताया कि शिक्षकों की तकनीकी ज्ञान की वृद्धि के लिए इस कार्यक्रम का अहम योगदान है। इस कार्यक्रम का संचालन वैभव शर्मा व अनामिका गुप्ता ने किया। इसमें इलेक्ट्रॉनिक्स डिपार्टमेंट के सभी फैकल्टी मेंबर्स ने भाग लिया।

4. Dr. Pavan Kumar Shukla chaired the session titled “Recent Communication Technologies” in 3<sup>rd</sup> National Conference on Recent Trends in Electronics and Electrical Engineering (NCRTEEE-2019) held during 10/6/2019- 11/6/2019 at IPEC, Ghaziabad.



5. Dr. Pavan Kumar Shukla successfully completed a leadership workshop on “Executive Leadership Programme” offered by The Arts of Living from 21/6/2019 to 23/6/2019 at Ved Niketan Ashram, Rishikesh, Uttarakhand organized by AKTU.



6. Mr. Vaibhav Sharma participated in 5 days Management Development Programme on “Managing Start-up Incubation and Ecosystem for the Faculty Members of AKTU affiliated colleges” organized by IIM, Lucknow on 14/7/2019-18/7/2019.



7. Dr. Himani Mittal published a paper titled,” Multidirectional Reconfigurable Router for Network on Chip (NoC)”, in Journal of the Gujarat Research Society, Volume-21 Issue- 01.UGC-CARE List Group: Group D, ISSN: 0374-8588 | Impact Factor 4.3. WebLink: <http://gujaratresearchsociety.in/index.php/JGRS/article/view/34>.
8. Dr. Himani Mittal attended one-week workshop on “Understanding the Human Being Comprehensively- Human Aspiration and Its Fulfillment” by TEQIP-III, AKTU Lucknow at Ajay Kumar Garg Engineering College, Ghaziabad, 24<sup>th</sup>-27<sup>th</sup> August 2019.
9. Dr. Puneet Chandra Srivastava attended a three-day workshop on “Design Thinking for Strategy and Innovation for The Faculty Members of AKTU Affiliated Colleges” from 6<sup>th</sup> to 8<sup>th</sup> September 2019 at IIM Lucknow.



10. Mr. Abhinav Bansal attended a three-day workshop on “Design Thinking for Strategy and Innovation for the Faculty Members of AKTU Affiliated Colleges” from 6<sup>th</sup> to 8<sup>th</sup> September 2019 at IIM Lucknow.
11. Dr. Himani Mittal published a paper titled “ *Smart Semi Bufferless Heterogeneous Router for Mesh NOC*” in the International Conference held at IIMT Greater Noida. This paper also received the best paper award.