JUIT/WKG/ECE/2018-19/008

06.10.2018

NOTICE

Jaypee University of Information Technology, Solan

Department of Electronics and Communication Engineering

A meeting of the Board of Studies of the Department of Electronics and Communication Engineering will be held on 13.10.2018 (Saturday) at 09:30 AM in the Board Room.

You are requested to make it convenient to attend the same.

AGENDA FOR PROPOSED BOARD OF STUDIES (BoS) MEETING

Item No. 1: To approve the minutes of last meeting of the BoS held on 21.04.2018. (*Attached file name*: Minutes of BoS.pdf)

Item No 2: To approve the finalized updated order of 160 credit scheme as already approved in last BoS for Academic Session 2018-19. (*Attached file name*: B.Tech ECE 160 credit scheme.xlsx)

Item No 3: To discuss and finalize the syllabi of courses of 3rd year for 160 credit scheme of B-Tech ECE. (*Attached file name*: B. Tech core course curricula.doc and Electives for 3rd year.docx)

Item No 4: To approve the list of Electives as per 160 credit curricula for B.Tech ECE. (*Attached file name*: Electives for 160 credits.xlsx)

Item No 5: To approve the titles and syllabi of New Electives for Academic Session 2018-19 for all batches of ECE(2015 onwards) (*Attached file name*: Syllabus of New Electives even 2019.docx)

    i. Networked Embedded Control Systems
    ii. Fault Tolerant Communication Systems
    iii. Pattern Analysis in Machine Intelligence
    iv. Fundamentals of Next Generation Communication Systems
    v. Digital Filters: Analysis, Design, and Signal Processing Applications
    vi. Theory and Applications of Intelligent Systems
    vii. Optimum Array Processing

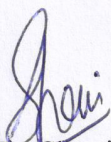Item No 6: To approve the MOOC courses to be introduced during the Academic Session 2018-19 for all batches of ECE.

    i. Design of Photovoltaic Systems
    ii. Introduction to Wireless and Cellular Communications
    iii. Fabrication Techniques for MEMs-based Sensors : Clinical Perspective
    iv. Microwave Theory and Techniques
    v. Computational Electromagnetic & Applications
    vi. Information Theory, Coding and Cryptography
    vii. Applied Optimization for Wireless, Machine Learning, Big Data
    viii. Principles of Signal Estimation for MIMO/ OFDM Wireless Communication
    ix. Principles of Communication Systems-1
    x. Modern Digital Communication Techniques
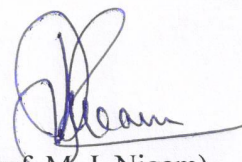   xi. Introduction to Photonics

Item No.7: To approve the Course Outcomes (COs) - Program Outcomes (POs) - Program Specific Outcomes (PSOs) attainments for the Odd Semester 2017 and Even Semester 2018. (*Attached file name*: PO-CO-PSO attainment 2017-18.xls).

Item No 8: To approve the newly floated Ph.D. course and its syllabus. (*Attached file name*: PhD course Computational Electromagnetic.doc)

Item No. 9: Any other item with the permission of the Chair.

(Dr. Shruti Jain)
BoS Coordinator

(Prof. M. J. Nigam)
BoS Chairman, ECE.

cc:

1. Prof. D.T. Shahani   External Member
2. Prof. C.C. Tripathi   External Member
3. Dr. Balwinder Singh   External Member
4. Prof. Samir Dev Gupta   Dean A & R
5. Dr. Rajiv Kumar   Member

6. Dr. Shruti Jain   Member
7. Dr. Neeru Sharma   Member
8. Dr. Meenakshi Sood   Member
9. Dr. Vikas Baghel   Member
10. Dr. Shweta Pandit   Member
11. HOD of Computer Science and Engineering Department
12. HOD of Civil Engineering Department
13. HOD of Biotechnology Department
14. HOD of PMS Department
15. HOD of Mathematics Department
16. HOD of HSS Department

cc : Registrar for information