Department of Electronics and Telecommunication Engineering
K. K. Wagh Institute of Engineering Education and Research
Hirabai Haridas Vidyanagari, Amrut Dham, Panchavati, Nashik-422001

Action Taken Report
on
Students' Feedback for A.Y.2020-21

Number of Feedback Forms Collected: 17

Analysis of Students' Feedbacks:

According to the students,

1) The prerequisite courses mentioned in the university syllabus are appropriate.
2) Course outcomes mentioned in the university syllabus are relevant.
3) All the topics of the syllabus are relevant for the course.
4) Topics to be added for the enrichment of the curriculum:

   SE – Practical Sessions of C and C++, Industrial Applications of Motors, Aptitude Preparations, Resume Writing, Financial Awareness, Electric Vehicles, Hands on Session on Troubleshooting of Electronic Devices

   TE – Practical Applications of MATLAB, Cyber Security, Opportunities for Electronics Engineer as an Entrepreneur, Machine Learning, Data Sets, Data Base Management Systems, Cloud Computing, Electric Vehicles

   BE – Industrial Applications of IoT, Soft Skills, Microwave Detectors, Cyber Security

5) Time allotted for few mathematical and logical courses is inadequate.
6) Books mentioned in the syllabus are adequate for the courses.
7) Recommendation of online resources (MOOCs / NPTEL / Coursera / Udemy):

   SE – C Programming, Creative Writing, Getting Started with Python

   TE – Artificial Intelligence, Data Science, Cloud Computing, Cyber Security, Machine Learning, Cryptography & Network Security, Python Programming

   BE – Python, Artificial Intelligence, Deep Learning, Neural Networks, Machine Learning, Cyber Security, Cloud Computing

8) Self-study topics in syllabus:

   SE – Logic Gates, Active & Passive Components, Shift Registers, BJT,

   TE – Electrostatics, Circuit Simulations of ESD, Human Resource Management, Transistor Characteristics, Strategies of Company

   BE – IoT Applications, Microwaves, Agents & Environment in AI, Subnetting

Actions Taken on Students' Feedbacks:

1) Following courses are added for the enrichment of the curriculum by the university:

   Compulsory Courses – Database Management, Skill Development, Fundamentals of JAVA Programming, Computer Network, Sensors in Automation, Advanced JAVA Programming, Network Security

   Audit Courses – Developing Soft skills and Personality, Principles of Human Resource Management

   Honours Degree Courses – AI&ML, IoT, Cyber Security, Data Science

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2) Following webinars & workshops are organized by the department for the enrichment of the curriculum:

    i. Training Session on "C and C++" by Mr. Ashay R. Bahurkar, Technical Lead, Harman Connected Services

    ii. Webinar on "IoT Applications and Home / Industrial Automation Opportunities" by Er. Siddarth Kulkarni, Director, Wizzo Smart Solutions Pvt. Ltd.

    iii. Workshop on "Troubleshooting and Maintenance of Power Supply" by Mr. Asimkumar Saha, Mr. Prashant Sawant and Ms. Aishwarya Mhaske, Engineers, Aplab Ltd., Thane

    iv. Workshop on "Future in Electronics as an Entrepreneur" by Mr. Sanjay Chaudhari, Director, Electronics Study Centre, Nashik

    v. Webinar on "Astronomical Detectors" by Mr. Ashish Mhaske, Scientific and Technical Officer, IUCAA, Pune

    vi. Webinar on "Computer Networks & Security" by Mr. Yogesh Pawar, Senior Consultant, Infosys Ltd, Hinjewadi, Pune

    vii. Workshop on "8051 Interfacing and Programming" Mr.Ashish Bhopale, Partner, MicroEmbedded Technologies, Pune

    viii. Workshop on "PIC18F4550 Architecture and Interfacing" by Mr Ashish Bhopale, Partner, MicroEmbedded Technologies, Pune

3) Students are being encouraged to undergo various online courses by MOOCs, NPTEL, Coursera, Udemy, etc. for value addition. Many students have completed following online courses.

    i. C for Everyone: Programming Fundamentals

    ii. Creative Writing – The Craft of Style

    iii. Getting Started with Python

    iv. AI for Everyone

    v. Cloud Computing

    vi. Cyber Security

    vii. Machine Learning

    viii. Cryptography & Network Security

    ix. Python – Zero to Hero

    x. Deep Learning & Neural Networks

Prof. Dr. J. M. Chandwadkar
Head of Department