DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 06.08.2020

Reviewer for Journal / Conference:

- Robin Singla, Assistant Professor, ECE Department was a reviewer for Carbon, two times in the month of July

Faculty Internship:

- Dr. Ambika R, Professor and Head, ECE Department has undergone online industry internship at I-Quad Technologies, from 25.07.2020 to 31.07.2020.

- Prof. Shashikala J, Assistant Professor, ECE Department has undergone online industry internship at I- Quad Technologies, from 20.07.2020 to 31.07.2020.

Classes handled by the department (from 01.07.2020 to 31.07.2020)

Sl no:	Department	Semester	No: of Theory classes	No: of Practicals classes
1	ECE	1	4	NIL
		3	59	
		5	11	
		7	25	

Publication of Research Papers by the Faculty Members, BMSIT&M

International Journal:

- Dr. Anilkumar D, Dr. Ambika R, "Drone Integrated Weather Sensors for Agriculture Purpose", International Journal of Electrical Engineering and Technology, ISSN: 0976- 6553, Volume- 11, Issue-5, July 2020, pp: 83-90 (Scopus).

- Raghunandan G H, Dr. A. Shobha Rani, "Design and Implementation of Efficient Routing Algorithm for Wireless Sensor Networks", International Journal of Advanced Science and Technology, ISSN: 2005-4238, Vol. 29, No. 3, July 2020.

- Ravindra V Asundi "Alive Human Detection and Navigation of Unmanned ground Vehicle in Natural disasters and Air crash" International Journal of Electrical and Electronics Engineering, ISSN:2278-9944, July 2020

International Conference:

- Rashmi N, Hamsavahini R, et.al, "Efforts to overcome the existing impairments in implementing Helicopter Satellite Communication System (HSCS)" presented in third International conference on emerging trends in science & technologies for engineering systems, ICETSE-2020, SJCIT,19.7.2020.

- Rashmi N, Gaurav Sethia, et,al, "Automated computer vision based weed removal bot", 6th International conference on electronics computing and communication technologies, IIIT, Bangalore, July 2020.

Workshops / Seminars / FDPs attended

FDP /Workshops/STTP attended (faculty):

➢ Dr. G S Jayadeva, Professor, ECE department attended online FDP on "Recent Advances in Smart materials for sensors and Energy Applications", from 06.07.2020 to 10.07.2020 at department of Physics, BMSIT&M.

➢ Dr. G S Jayadeva, Professor, ECE department attended online FDP on "Machine Learning using Python", from 09.07.2020 to 11.07.2020 at STTP-NITK in association with Pantech e-learning.

➢ Shashikala J, Assistant Professor, ECE department attended online FDP on "Recent Advances in Smart materials for sensors and Energy Applications", from 06.07.2020 to 10.07.2020 at department of Physics, BMSIT&M.

➢ Dr.Surekha R. Gondkar, Associate Professor, ECE Department attended 5-days online FDP on "Mathematical Concepts by using free open source softwares (FOSS)" from 21.07.2020 to 25.07.2020 organized by Dept. of Mathematics, BMSIT&M.

➢ Dr.Surekha R. Gondkar, Associate Professor, ECE Department attended One Week(6 Days) online FDP on " GREEN ENERGY" from 29.06.2020 to 04.07.2020 conducted by Department of Civil Engineering, BMSCE, Bengaluru.

➢ Dr. Vijayalakshmi G V, Associate Professor, ECE Department participated in Five days online workshop on "Women in Cyber Security and Privacy in 2020" from 06.07.2020 to 10.07.2020 organised by departments of Computer Science and Engineering and Information Technology in association with CYBERPSY, St. Martin's engineering College, Secunderabad.

- Suryakanth B, Assistant Professor, ECE Department attended two Weeks online FDP on " Applied data science" from 06.07.2020 to 17.07.2020 conducted by Department of ECE, BMSCE, Bengaluru in association with IETE.

- Rashmi N, Assistant Professor, ECE Department attended two Weeks online FDP on " Applied data science" from 06.07.2020 to 17.07.2020 conducted by Department of ECE, BMSCE, Bengaluru in association with IETE.

- Shivarudraiah B, Assistant Professor, ECE Department attended 4-days online FDP on " Python Programming" from 15.07.2020 to 18.07.2020 organized by Department of CSE, KL Deemed to be University, Hyderabad in association with IIT Bombay spoken tutorials, funded by National Mission on Education, MHRD.

- Hamsavahini R, Assistant Professor, ECE Department attended 5-days online FDP on "Mathematical Concepts by using free open source softwares (FOSS)" from 21.07.2020 to 25.07.2020 organized by Dept. of Mathematics, BMSIT&M.

- Hamsavahini R, Assistant Professor, ECE Department attended 5-days online FDP on "Nano Science and Technology" from 29.6.2020 to 7.07.2020 organized by the Sathyabhama Institute of Science and Technology, Chennai.

- Dr. A. Shobha Rani, Associate Professor, ECE Department, attended online FDP on "Contemporary Research Trends in Electronics & Communications and Computer Science" from 06.07.2020 to 10.07.2020 at VTU, Centre for PG Studies, Kalaburagi.

- Dr. A. Shobha Rani, Associate Professor, ECE Department, attended online FDP on "Mathematical Concepts by Using Free Open Source Softwares (Foss)" from 21.07.2020 to 25.07.2020 at BMSIT&M, Bangalore.

- Dr. Deepa N Reddy, Assistant Professor, ECE Department, attended online FDP on "Contemporary Research Trends in Electronics & Communications and Computer Science" from 06.07.2020 to 10.07.2020 at VTU, Centre for PG Studies, Kalaburagi.

- Dr. Deepa N Reddy, Assistant Professor, ECE Department, attended online FDP on "Mathematical Concepts by Using Free Open Source Softwares (Foss)" from 21.07.2020 to 25.07.2020 at BMSIT&M, Bangalore.

- Vinutha B, Assistant Professor, ECE Department, attended online FDP on "Contemporary Research Trends in Electronics & Communications and Computer Science" from 06.07.2020 to 10.07.2020 at VTU, Centre for PG Studies, Kalaburagi.

- Vinutha B, Assistant Professor, ECE Department, attended online FDP on "Mathematical Concepts by Using Free Open Source Softwares (Foss)" from 21.07.2020 to 25.07.2020 at BMSIT&M, Bangalore.

- Ravindra V Asundi, Assistant Professor, ECE Department, attended two weeks online FDP on "Python programming" from 21.07.2020 to 25.07.2020 organized by JSSAT, Noida in association with IIT Bombay.

- Robin Singla, Assistant Professor, ECE Department attended FDP on "Recent Advances in Smart Materials for Sensors and Energy Applications" from 06.07.2020 to 10.07.2020 organized by Dept. of Physics, BMSIT&M.

- Mamatha K R, Assistant Professor, ECE Department attended online FDP on "Recent trends in Engineering:Industry perspective" from 26.07.2020 to 30.07.2020 organized by Dr.AIT, Bengaluru.

Online Course completed (faculty):

- Dr. G S Jayadeva, Professor, ECE department completed an online course on "VLSI Physical Design" offered through Udemy on 05.07.2020.

- Shivarudraiah B, Assistant Professor, ECE department completed an online course on "Diploma in Machine Learning with R studio" offered through Alison on 09.07.2020.

- Dr.Surekha R. Gondkar, Associate Professor, ECE Department completed 4 week online course on "Introduction to the Internet of Things and Embedded Systems" offered through Coursera on 12.07.2020.

- Dr.Surekha R. Gondkar, Associate Professor, ECE Department completed 5 week online course on "Research Data Management" offered through Coursera on 03.07.2020.

- Shashikala J, Assistant Professor, ECE Department completed course on " Matlab Master class:Go from beginner to Expert in Matlab "offered through Udemy on 16.07.2020.

- Hamsavahini R, Assistant Professor, ECE Department completed online course on "Machine learning and Data Science hands on using Python and R", offered through Udemy on 11.07.2020.

- Robin Singla, Assistant Professor, ECE Department completed a online course on "Synapses Neurons and Brain" offered through Coursera on 10.07.2020.

- Suryakanth B, Assistant Professor, ECE Department completed an online course on "Synapses Neurons and Brain" offered through Coursera on 31.07.2020.

➢ Dr. A. Shobha Rani, Associate Professor, ECE Department, completed an online course on "Introduction to the Internet of Things and Embedded Systems" offered through Coursera on 18.07.2020.

➢ Dr. Deepa N Reddy, Assistant Professor, ECE Department, completed an online course on "Introduction to the Internet of Things and Embedded Systems" offered through Coursera on 18.07.2020.

➢ Vinutha B, Assistant Professor, ECE Department, completed an online course on "Introduction to the Internet of Things and Embedded Systems" offered through Coursera on 18.07.2020.

➢ Ravindra V Asundi, Assistant Professor, ECE Department, completed an online course on "Outcome based Education and Academic quality assurance" offered through Udemy on 20.07.2020.

➢ Ravindra V Asundi, Assistant Professor, ECE Department, completed an online course on "Programming for everybody (Getting started with python)" offered through Coursera on 18.07.2020.

➢ Rashmi N, Assistant Professor, ECE Department completed course on "Algebra trigonometry-polynomial and rational functions" offered through Udemy on 07.07.2020.

➢ Rashmi N , Assistant Professor, ECE Department completed course on " NLP Practitioner certificate course(Beginner to Advanced)" offered through Udemy on 22.07.2020.

Online Course completed (nonteaching staff):

➢ Supriya K, Assistant Instructor, ECE Department has completed online course on "The Complete Networking Fundamentals Course CCNA start" offered through Udemy on 03.07.2020.

➢ Hitendra K, Assistant Instructor, ECE Department has completed online course on "Python Bootcamp" offered through Udemy on 03.07.2020.

Webinars Attended (faculty):

➢ Dr. Ambika R, Professor and Head, ECE Department, has received certificate of achievement after successfully completing the assessment and participating in the webinar on the topic "Software Defined Radio Platform for Engineering Education & Research Using National Instruments", on 30.07.2020, organised by Department of Electronics and Communication, VTU CGPS, Mysore.

➢ Shivarudraiah B, Assistant Professor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Robotics-Connecting Engineering Minds" on 22.07.2020 organized by McGraw Hill Webcasts.

- Shivarudraiah B, Assistant Professor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Evolution of Java in 25 Years" on 07.07.2020 organized by McGraw Hill Webcasts.

- Shivarudraiah B, Assistant Professor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Employability Post COVID Era: Expectation of Industry Vs Education System's Preparedness" on 10.07.2020 organized by National Council on Education, ASSOCHAM.

- Suryakanth B, Assistant Professor, ECE Department has received certificate of participation after successfully participating in the International webinar on the topic "Effect of music on the human brain" on 09.07.2020 organized by department of ECE, GNDEC, Bidar.

- Hamsavahini R, Assistant Professor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic " Review Paper Writing For High Impact Factor Journals" on 25.07.2020 organized by the Department of Mechanical Engineering, Navkis College of Engineering, Hassan.

Webinars Attended (nonteaching staff):

- Supriya K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Mobile Edge Computing (MEC) for 5G latency Applications" on 06.07.2020 organized by Global Academy of Technology, Bengaluru.

- Supriya K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Use of Active Presenter for Digital Learning Skills" on 11.07.2020 organized by A.G.M.R. College of Engineering & Technology, Varur, Hubli.

- Supriya K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Personality Development" on 11.07.2020 organized by Vivekananda Institute of Technology in association with CICC-VKIT.

- Supriya K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Recent Trends in DC to DC Converters" on 10.07.2020 organized by Xavier Engineering College, Tirunelveli.

- Supriya K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Effective Management of Institutional E Waste" on 30.07.2020 organized by GSSS Institute of Engineering & Technology for Women, Mysuru.

- ➢ Shivamallu, Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Effective Management of Institutional E Waste" on 30.07.2020 organized by GSSS Institute of Engineering & Technology for Women, Mysuru.

- ➢ Shivamallu, Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Secrets to combat COVID – 19" on 29.07.2020 organized by Department of Physics, BMSIT&M, Bengaluru.

- ➢ Shivamallu, Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "ICT Tools for Course Preparation and Evaluation using Gnomioand Kahoot" on 27.07.2020 and 28.07.2020 organized by Department of Electronics and Communication Engineering of Bahubali College of Engineering, Shravanabelagola.

- ➢ Hitendra K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Personality Development" on 11.07.2020 organized by Vivekananda Institute of Technology in association with CICC-VKIT.

- ➢ Hitendra K, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Recent Trends in DC to DC Converters" on 10.07.2020 organized by Xavier Engineering College, Tirunelveli.

- ➢ Byrareddy A B, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Personality Development" on 11.07.2020 organized by Vivekananda Institute of Technology in association with CICC-VKIT.

- ➢ Byrareddy A B, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Recent Trends in DC to DC Converters" on 10.07.2020 organized by Xavier Engineering College, Tirunelveli.

- ➢ Byrareddy A B, Assistant Instructor, ECE Department has received certificate of participation after successfully participating in the webinar on the topic "Secrets to combat COVID – 19" on 29.07.2020 organized by Department of Physics, BMSIT&M, Bengaluru.

Online Quiz Attended (faculty):

- ➢ Dr. Vijayalakshmi G V, Associate Professor, Dept. of Electronics and Communication Engineering has participated in Online Quiz on "Cryptography and Network Security" organized by KMIT CSI student chapter, Keshav Memorial Institute of Technology, Hyderabad on 15.07.2020.

Online Quiz Attended (nonteaching staff):

- ➢ Supriya K, Assistant Instructor, ECE Department has participated in Online Quiz on "Library & Information Science" organized by GSSSIETW, Mysore on 23.07.2020.

- Supriya K, Assistant Instructor, ECE Department has participated in Online Quiz on "Network Theory" organized by Indur Institute of Engineering and Technology, Siddipet on 01.07.2020.

- Hitendra K, Assistant Instructor, ECE Department has participated in Online Quiz on "Library & Information Science" organized by GSSSIETW, Mysore on 23.07.2020.

- HItendra K, Assistant Instructor, ECE Department has participated in Online Quiz on "Network Theory" organized by Indur Institute of Engineering and Technology, Siddipet on 01.07.2020.

- Byrareddy A B, Assistant Instructor, ECE Department has participated in Online Quiz on "Library & Information Science" organized by GSSSIETW, Mysore on 23.07.2020.

- Byrareddy A B, Assistant Instructor, ECE Department has participated in Online Quiz on "Network Theory" organized by Indur Institute of Engineering and Technology, Siddipet on 01.07.2020.