



JAYANT R. MAHAJAN

M.E. Electronics & Telecommunication, Shivaji University, Kolhapur.

B.E. Electronics & Telecommunication, Dr.B.A.M.U. University, Aurangabad

Email Id : jayant.mahajan@mctrgit.ac.in

Designation : Assistant Professor in Electronics & Telecommunication Department.

Experience : Educational 20 Years
Industry 1 Year

Date of Joining : 01/07/2013

Areas of Interest : Electronic devices & circuits, Wireless Communication

Publications

Conferences :

- **Mahajan.J.R;** C.S. Rawat , “Color based Motion Particle Filter for Object Tracking ” in IEEE Second International Conference on Electronics, Communication and Aerospace Technology (ICECA 2018) , IEEE Xplore ISBN:978-1-5386-0965-1,29th - 31st March 2018.
- Neha Pandit, Snehal Parhad, Niriksha Patil, Swamini Sarwate, **Jayant Mahajan**, “ Minimizing Electricity Theft by IoT” in IEEE Second International Conference on Electronics, Communication and Aerospace Technology (ICECA 2018) , IEEE Xplore ISBN:978-1-5386-0965-1,29th - 31st March 2018.
- Parag Attarde, Surjan Singh Dhanjal, Mitesh Hate, Raj Mate, **J.R.Mahajan**,” Object Tracking Using Background Subtraction”in International Journal of Research in Science and Engineering ISSN:2394-8280, March 2017
- Om Gaikwad, **Jayant Mahajan**, **Sakha K. Gabhane**, “ MEMS Accelerometer based gesture recognition for system security and remote user notification”, International Conference on Innovative and Advanced Technologies in engineering”, 12-14 jan 2017.
- Om Gaikwad, **Jayant Mahajan**, **Sakha K. Gabhane**, “ MEMS Accelerometer Based Gesture Recognition For System Security and Remote System notification”, International Conference on Innovative and Advanced Technologies in engineering”, 12-14 jan 2017.
- **Mahajan.J.R;** C.S. Rawat , “Object Detection and Tracking using Cognitive Approach” in ISTE Sponsored International Conference on Advance Trends in Engineering (ICATE - 2017) , ISBN no. 978-93-86171-02-3, 7-8 April 2017
- Sharvin Pingulkar, Haroondeep Singh Sandhu , **Jayant Mahajan** “Emerging Technology in Car – to – Car Communication” in International Journal of Current Research, ISSN : 0975-833, Vol 8, Issue 4, April 2016.

- Sharvin Pingulkar, Haroondeep Singh Sandhu , **Jayant Mahajan** “A Research Paper on Automation in Vehicles using Black Box Prototype” in International Journal of Innovative Research in Electrical,Electronics,Instrumentation and Control Engineering (IJIREEICE) **ISSN (Print): 2321-5526, Page No.115 ,March 2016**
- Vipul Patel, Abhijeet Pathak, Ameya Patil, Krit Sharma, **Mahajan J.R** “A Study on Face Detection and Tracking System” in National Conference on Technological Advancement and Automatization in Engineering, 28 and 29 Jan 2016 .
- Ashish Vishwakarma, Amod Wani, Shesh Kumar Yadav, Amar Talla, **Mahajan J.R** “A Study on Facial Expression Recognition” in National Conference on Technological Advancement and Automatization in Engineering, 28 and 29 Jan 2016.
- Sharvin Pingulkar, Haroondeep Singh Sandhu , **Jayant Mahajan** “A Research Paper on Upgraded Black Box For Automobiles” in International Conference on Futuristic Trends in Engineering,Science,Humanities and Technology, ISBN : 978-93-85225-55-0, January 23-24,2016
- Ashish Vishwakarma, Amod Wani, Shesh Kumar Yadav, Amar Talla, **Mahajan J.R** “Facial Expression Recognition” in Inter ISF annual technical event “ OSCILLATIONS”, March – April 2016
- “*Artificial Intelligence For Optical Character Recognition*” in National Conference on Communication, Information Technology & Automation (NCCITA-08) held at Parshvanath College Of Engg. Thane, on 17-18 Jan, 2008.
- “*3G Network Planning Basic WCDMA (UMTS)*” in National Conference on Sun Rising Technologies (NCSRT-05) held at Parshvanath College Of Engg. Thane, on 18-19 Nov 2005.s
- “*Denoising for Signals & Images using Non-Standard Wavelet*” in National Conference on Information & Communication Technology (NCICT-2006) held at D.J.S.C.O.Engg, Mumbai, on 24-26 Feb 2006.
- “*Rural Development By Means Of Information Technology*” in Xth Annual Convention of ISTE (Maharashtra & Goa Section) held at MGM’s C.O.Engg, Nanded on 4-5 Mar 2006.
- “*Shared Congestion Detection in Network flows using Wavelet based approach*” in National Conference on Technology for Social Transformation & Emerging Trends in Electronics & Instrumentation (UTKARSH-07) held at VESIT, Mumbai on 12-13 Jan, 2007
- “*Performance evaluation of Wavelet Subcoading Schemes for an efficient 2-D Images*” in International Conference on Advances in Manufacturing and Technology Management (ICAMTM-2007) held at Parshvanath College Of Engg. Thane, on 18-19 Jan 2007.
- “*An Application Of Embedded System For The Development Of Wireless Security & Automation System*” in International Conference on Advances in Manufacturing and Technology Management (ICAMTM-2007) held at Parshvanath College Of Engg. Thane, on 18-19 Jan 2007.

Professional Bodies Association:

- Life Member of ISTE
- Member of IETE

Awards : Achieving “BEST TEACHER AWARD” for year 2006-07 in Parshvanath College Of Engg. Thane

Interaction with Professional Institutions :

- Attended Two week STTP on “Emerging Microelectronics & VLSI Technologies for Communication Systems” during 19th June to 30th June 2006 conducted by VCET, Vasai.
- Attended One Week STTP on “Software Simulation” on 12th Jan to 16th Jan 2008 in K.C.College Of Engg.,Thane

- Attended One day workshop on “ Advances in Microelectronics” conducted on 23rd Aug. 2003 in VCET, Vasai.
- Attended one day “Faculty Interaction Program on Elements of Microelectronics” conducted by Dept.of EXTC at VCET, Vasai on 15th July 2004.
- Attended One day Short-term course on “ Optical Fiber Communication” conducted on 14th Aug.2004 in VIT, Chembur, Mumbai.
- Attended One day National Level Workshop on “ Technical Writing & Presentation Skills” held in Parshvanath College Of Engg. Thane on 11th Dec.2004.
- Attended Two day National Level seminar on “ Broadband Communication- The Road Ahead” Organized by IETE Mumbai Center on 25th & 26th Feb.2005 at World Trade Center.
- Attended ISTE Two day workshop on “ VLSI Technology” on 7th & 8th July 2005 at Thakur College of Engg. & Tech., Mumbai.
- Attended Two day seminar on “ Challenges Ahead in Telecommunication” conducted by ISTE-DJSCE Chapter on 7th & 8th Oct, 2005 at D.J.S.C.O.Engg, Mumbai.
- Attended Two days National Level Workshop on “Faculty Development Program” under ISTE Chapter on 9th & 10th Jan 2007 at Parshvanath College of Engg, Thane.
- Attended One day Workshop on “ Multipurpose Lab Station & conducted various experimental setups” by Agilent Technologies & Fr.C.R.I.O.Tech, Vashi, Navi Mumbai on 12th Sep, 2007.
- Attended Two Week STTP on “Effective Communication Skills” under ISTE Chapter on 7th July to 17th July 2008 held at Parshvanath College of Engg, Thane.
- Attended Two Day Workshop on “MATLAB UTILISATION” on 15th & 16th Jan.2008 held in Parshvanath College of Engg.,Thane.
- Attended One Week STTP on “Software Simulation” on 12th Jan to 16th Jan 2008 in K.C.College Of Engg.,Thane.
- Attended One Week STTP on “Research Domain in Electronics & Telecommunication Engineering” on 7th July to 11th July 2014 in VESIT,Chambur,Mumbai.
- Attended one day Complimentary seminar on MATLAB & Simulink for Engineering Education on 9th Oct.2014.
- Attended One day workshop on “Internet Of Things” held in VJTI, Mumbai on 8th Jan.2016.

● Conference attended :

- Session Chair for National Level Paper Presentation & Project Model Exhibition NIRMITI- 2008 held at Priyadarshini Institute Of Engg. & Technology, Nagpur on 14rd & 15th March 2008.
- Session Chair for National Level Paper Presentation & Project Model Exhibition NIRMITI- 2009 held at Priyadarshini Institute Of Engg. & Technology, Nagpur on 13rd & 14th March 2009.
- Session Chairfor National Level Project Competition MINDS EYE - 09 held at St.Francis Institute Of Technology,Borivali,Mumbai on 13rd & 14th April 2009.
- Session Chair for National Level Technical Paper Presentation Competition “EVOLUTION 2K10” held at SSPM’s College of Engg,Kankavali on 5th & 6th March 2010.
- Session Chair for National Level Project & Poster Competition “Projx – 11” held at Sinhgad Academy of Engg.,Kondhwa,Pune on 2nd April ,2011.
- Session Chair for National Level Technical symposium WITchar11 held at Walchand Institute Of Technology, Solapur on 19rd & 20th March 2011.
- Session Chair for National Level Technical symposium VCET12 held at Vidhavardhini College of Engineering,Vasai,on 30th March 2012.
- Session Chair for National Conference on “Technical Advancement and Automatization in Engineering” held at Atharva College of Engineering ,Malad,Mumbai on 28th -29th Jan,2016.
- Session Chair for International Conference on “Innovative and Advanced Technologies in Engineering” held at Atharva College of Engineering ,Malad,Mumbai on 13th -14th Jan,2017.
- Session Chair for 2nd International Conference on “Innovative and Advanced Technologies in Engineering” held at Atharva College of Engineering ,Malad,Mumbai 21st - 23rd Marh,2018.

Others

:

1. Completed 8 week NPTEL course on “Analog Circuits” in Feb –Apr 2018.
 2. Member of syllabus revision committee of Electronics and Telecommunication, Mumbai University since 2013.
-