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|--|------------------|---|--------------|----------------------------|--------------------------------------|---|
| <b>Title</b>   | <b>Mr.</b>       | <b>Mohit</b>  | <b>Kumar</b> |                            |                                      | <b>Photograph</b>   |
| <b>Designation</b>   |                  | <b>Guest Faculty</b>                                |              |                            |                                      |  |
| <b>Department</b>  |                  | <b>Electronics &amp; Communication Department</b>   |              |                            |                                      |   |
| <b>Address</b>   | <b>Campus</b>    | <b>E.C. E Department FET MJPRU, Bareilly-243006</b> |              |                            |                                      |   |
|  | <b>Residence</b> | <b>Jogi Nawada, Gurudwara Gali, Bareilly-243006</b> |              |                            |                                      |   |
| <b>Mobile No.</b>  |                  | <b>+91-7906697396</b>                               |              |                            |                                      |   |
| <b>Email ID</b>  |                  | <b>Personal</b>                                     |              | <b>mohitec19@gmail.com</b> |                                      |   |
| <b>Educational Qualifications (Graduation Onwards)</b>   |                  |   |              |                            |                                      |   |
| <b>Course/Degree</b>   |                  | <b>Institution</b>                                  |              | <b>Year</b>                | <b>Details/Thesis Topic/Subjects</b> |   |
| B.Tech   |                  | IET, MJP Rohilkhand University, Bareilly            |              | 2010                       | Electronics and Communication        |   |
| M.Tech   |                  | SLIET, Sangrur, Punjab                              |              | 2013                       | Electronics and Communication        |   |
| <b>Career Profile</b>  |                  |   |              |                            |                                      |   |
| <b>Organization / Institution</b>  |                  |   |              | <b>Designation</b>         | <b>Duration</b>                      | <b>Nature of Duties</b>   |
| Electronics and Communication Engineering<br>F.E.T, M.J.P.R.U, Bareilly  |                  |   |              | Guest Faculty              | 13/09/2010 to 30/06/2011             | Teaching  |
| Electronics and Communication Engineering<br>Shri Ram Murti Smarak Women's College of Engineering and Technology, Bareilly |                  |   |              | Assistant Professor        | 01/07/2013 to 18/05/2015             | Teaching  |
| Electronics and Communication Engineering.<br>F.E.T, M.J.P.R.U, Bareilly   |                  |   |              | Guest Faculty              | 01/08/2015 to 15/06/2016             | Teaching  |
| Electronics and Communication Engineering.<br>F.E.T, M.J.P.R.U, Bareilly   |                  |   |              | Guest Faculty              | 02/08/2016 to 15/06/2017             | Teaching  |
| Electronics and Communication Engineering.<br>F.E.T, M.J.P.R.U, Bareilly   |                  |   |              | Guest Faculty              | 10/08/2017 to 15/06/2018             | Teaching  |
| Electronics and Communication<br>F.E.T, M.J.P.R.U, Bareilly  |                  |   |              | Guest Faculty              | 12/10/2022 to Till Date              | Teaching  |
| <b>Research Interests / Specialization</b>   |                  |   |              |                            |                                      |   |
| Digital Image Processing, Signal and System, Communication System  |                  |   |              |                            |                                      |   |
| <b>Research Experience in Years</b>  |                  |   |              |                            |                                      |   |
| <b>No of Research Scholars Successfully Guided –</b>   |                  |   |              |                            |                                      |   |
| <b>Teaching Experience (Subjects/Courses Taught)</b>   |                  |   |              |                            |                                      |   |
| 06 Years of Teaching Experience  |                  |   |              |                            |                                      |   |
| Digital Electronics, Signal and System, Analog Communication, Digital Communication, Digital Signal Processing             |                  |   |              |                            |                                      |   |
| <b>Honours / Awards &amp; Fellowship FOR OUTSTANDING WORK</b>  |                  |   |              |                            |                                      |   |
| <b>Details of Publications /Academic Activities</b>  |                  |   |              |                            |                                      |   |
| <b>(a) Authored Books/ Monographs</b>  |                  |   |              |                            |                                      |   |

| <b>(b) Edited Books</b>   |              |                  |             |                |                  |
|---|--------------|------------------|-------------|----------------|------------------|
| <b>Year of Publication</b>  | <b>Title</b> | <b>Publisher</b> | <b>ISBN</b> | <b>DOI No.</b> | <b>Citations</b> |
|   |              |                  |             |                |                  |
| <b>(c) Papers Published in UGC Care Listed /Indexed/ Peer Reviewed Journals</b>   |              |                  |             |                |                  |
| <ol style="list-style-type: none"> <li>1. Paper entitled <b>“Optimization of Image Recognition: Fingerprint Matching”</b> in International Journal of Modern Engineering Research Vol. 5, Issue 11, Nov 2015.</li> <li>2. Paper entitled <b>“Analysis of MOS Capacitor Loaded Annular Ring Microstrip Antenna”</b> in International Journal of Modern Engineering Research Vol. 4, Issue 5, May 2014.</li> <li>3. Paper entitled <b>“A Neural-Wavelet Based Image Classification for Feature Extraction of a Multispectral Remote Sensing Data”</b> in International Journal of Advanced Research in Computer and Communication Engineering Vol. 2, Issue 7, July 2013.</li> </ol>  |              |                  |             |                |                  |
| <b>(d) Seminars/Conferences/Workshops Organized</b>   |              |                  |             |                |                  |
| <ol style="list-style-type: none"> <li>1. <b>Co-ordinate and Conducted a workshop for C language</b> on 6 March 2014 held at SRMSWCET Bareilly, Organized with help from the spoken tutorial project, developed at IIT Bombay.</li> </ol>   |              |                  |             |                |                  |
| <b>(e) Seminar/Conference Presentations International/National Conferences</b>  |              |                  |             |                |                  |
| <b>International Conferences</b>  |              |                  |             |                |                  |
| <ol style="list-style-type: none"> <li>1. Presented Technical Paper entitled <b>“A Neural Approach For Feature Extraction of a Multispectral Image”</b> in International Conference on “RTNB-2013”, 26<sup>th</sup>-28<sup>th</sup> Apr, 2013 organized by Subharti Institute of Technology and Engineering.</li> <li>2. Presented Technical Paper entitled <b>“Modeling of Agricultural Yield through Remote Sensing Data and Expert Knowledge Base”</b> in International Conference on “RTEECE”, 29<sup>th</sup>-30<sup>th</sup> Sep, 2012 organized by Krishi Sanskriti at JNU New Delhi (UP).</li> </ol>  |              |                  |             |                |                  |
| <b>National Conferences</b>   |              |                  |             |                |                  |
| <ol style="list-style-type: none"> <li>1. Paper entitled <b>“Detection of Dead Tissues Using Artificial Neural Network”</b> in National conference on “Advancements in Engineering Materials”, Feb 24<sup>th</sup>-25<sup>th</sup>, 2016 organized by Deptt. of Mechanical Engineering, F.E.T.M.J.P. Rohilkhand University, Bareilly (UP), ISBN: 978-93-82972-12-9.</li> <li>2. Paper entitled <b>“No-Reference Image Quality Assessment Using Blind Image Quality Indices”</b> in National Conference on “RAST-2015”, 22-23<sup>rd</sup> Aug, 2015 organized by S.I.T. Pithoragarh, Uttarakhand.</li> <li>3. Paper entitled <b>“A Crop Yield Estimation Model for Agricultural Land”</b> in National Conference on “ARTEC-2015”, 25<sup>th</sup> April, 2015 organized by Deptt. of ECE, S.R.M.S.W.C.E.T. Bareilly(U.P.).</li> <li>4. Paper entitled <b>“Flood Affected Area Detection Using MATLAB”</b> in National Conference on “ARTEC-2015”, 25<sup>th</sup> April, 2015 organized by Deptt. of ECE, S.R.M.S.W.C.E.T. Bareilly (U.P.)</li> <li>5. Paper entitled <b>“Optimizing Satellite Communications with Adaptive and Phased Array Antennas”</b> in National Seminar on “Software Applications in Engineering and Technology”, 17<sup>th</sup> Feb, 2012 organized by I.E.T.M.J.P. Rohilkhand University, Bareilly (UP).</li> <li>6. Paper entitled <b>“Agriculture Land Estimation from Satellite Image”</b> in “National Conference on Communication and Networking” 03<sup>rd</sup>-04<sup>th</sup> Feb, 2012 organized by Deptt. of ECE, SLIET Longowal Punjab.</li> <li>7. Paper entitled <b>“An Approach to Terahertz Communication”</b> Proceeding of National conference on “Advancements and Futuristic Trends in Material Science”, March 26<sup>th</sup>-27<sup>th</sup>, 2011 organized by Deptt. of Applied Physics, F.E.T.M.J.P. Rohilkhand University, Bareilly (UP).</li> </ol> |              |                  |             |                |                  |

#### **(f) Participated In Activities**

1. Participated in IEEE International Symposium on “**Internet of Things: Smart Innovation & Usages**” from 22.04.16 to 23.04.16 organized by F.E.T.M.J.P. Rohilkhand University, Bareilly.
2. Participated in National Workshop on “**Innovation Research on Material in Science and Engineering**” under FDP sponsored by World Bank under TEQIP II organized by F.E.T.M.J.P. Rohilkhand University, Bareilly, from 17.04.2016 to 22.04.2016.
3. Participated in one week short term course/workshop on “**Microwave & Wireless Communication**” organized by Deptt. of EC, M.J.P. Rohilkhand University, Bareilly from 29.03.2016 to 03.04.2016
4. Participated in FDP on “**Ambient Air Quality and Stack Monitoring**” organized by Deptt. Of Chemical Engineering, F.E.T.M.J.P. Rohilkhand University, Bareilly, under TEQIP-II Scheme from 08.02.2016 to 10.02.2016.
5. Participated in Symposium on “**Wavelet and Its Applications in Engineering Problems**” organized by F.E.T.M.J.P. Rohilkhand University, Bareilly, under TEQIP-II Scheme from 20.12.2015 to 21.12.2015
6. Participated in **Training Session** organized by U.P.T.U. Lucknow in collaboration with IIT Bombay on **Spoken Tutorial Project** (Under National Mission on Education through ICT, MHRD, Govt. of India) dated on 27/02/2015.
7. Participated in **AICTE recognized Short Term Course on VLSI System Design through ICT** from 10/11/14 to 14/11/14 at Deptt. Of ECE, SRMSWCET Bareilly organized by NITTTR Chandigarh.

Mohit Kumar  
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