SANJAY KUMAR GUPTA

Research Scholar, Department of CSE,
Indian Institute of Technology (BHU), Varanasi, India,
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Objective: Securing a challenging position as well as contributing significantly to organizations by harnessing the skills of Machine Learning and Deep Learning under Image and Video Processing.

EDUCATION

- **Ph.D** from Indian Institute of Technology (Banaras Hindu University), Varanasi, India, (Status: Thesis Submitted on 2022).
  Discipline: CSE Engineering
  Specialization: Image Deblurring, Gait Recognition under Image and Video Processing
  Research Area: Image and Video Processing, Pattern Recognition, Deep-learning, Machine-learning
- **M.Tech.** in Systems Management (Specialized with Information Technology) from DAVV-Indore (MP), Passed in 2015 with 70.76 percentage
- **B.Tech.** in Information Technology from REC Bhopal (MP) (affiliated to RGPV), Passed in 2011 with 71.63 percentage
- **XIIth**: MP Board, Passed in 2007 with 74.76 percentage
- **Xth**: MP Board, Passed in 2005 with 64.60 percentage

PUBLICATIONS

JOURNALS

- **Sanjay Kumar Gupta, Pratik Chattopadhyay, "*Exploiting Pose Dynamics for Human Recognition from Their Gait Signature*" Multimedia Tools and Applications (Accepted and Published in October 2020) (SCI paper with Impact Factor of 2.313), DOI: https://doi.org/10.1007/s11042-020-10071-9**

- **Sanjay Kumar Gupta, Pratik Chattopadhyay "*Gait Recognition in the Presence of Co-variate Conditions*" Neurocomputing (Accepted in 1st of May 2021) (SCI paper with Impact Factor of 4.438), DOI: https://doi.org/10.1016/j.neucom.2021.04.113**

- **Sanjay Kumar Gupta, "*Reduction of Covariate Factors from Silhouette Image for Robust Gait Recognition*" Multimedia Tools and Applications (Accepted in April 2021) (SCI paper with Impact Factor of 2.757), DOI: https://doi.org/10.1007/s11042-021-10941-w**

CONFERENCES

Sanjay Kumar Gupta, Gaurav Mahesh Sultaniya, Pratik Chattopadhyay, *"An Efficient Descriptor for Gait Recognition using Spatio-Temporal Cues "* International Conference on Emerging Technology in Modelling and Graphics, Springer Singapore, 85-97, 2019

Research Service as a Reviewer to:

- ***IEEE Transactions on Image Processing*** (https://publons.com/researcher/3742740/sanjay-kumar-gupta/)
- ***IEEE Transactions on Circuits and Systems for Video Technology*** (https://publons.com/researcher/3742740/sanjay-kumar-gupta/)
- ***Pattern Recognition Elsevier*** (https://drive.google.com/file/d/1zbLu98HFuqIP1ITxfbYDk7GshxbnaW21/view?usp=sharing)

WORKSHOPS AND CONFERENCES ATTENDED

- IEMGRAPH-2018 (conference)
- ICVGIP-2018 (conference)
- IWML-2018 (workshop)
- CEP and QIP sort term course on Machine Learning in Image and Video Analytics (organized in IIT BHU)

EXPERIENCE

- Works on Image Deblurring for a period of 6 months as internship after PhD thesis submission at Samsung R&D, Bangalore, India

- 14 months research experience of DST sponsored project of text summarization from Department of CSE IIT BHU, project implemented with JAVA, JavaScript and HTML.
- Teaching Assistant at IIT (BHU) over the period of PhD

SKILLS

- C/C++, JAVA
- MATLAB, Python

ACHIEVEMENTS

- GATE-2016 qualification

EXTRACURRICULAR ACTIVITIES

- IWML-2018 (workshop) Certificate of Volunteer
- CEP and QIP sort term course on Machine Learning in Image and Video Analytics (organized in IIT BHU) Certificate of Volunteer

PERSONAL INFORMATION

Father's Name: Ram Prasad Gupta
Mother's Name: Shyam Kali Gupta
Date of Birth: 17/02/1988
Address: Son of Ram Prasad Gupta, Gandhi Chauhatta, Main market Gurh, District-REWA, Madhya Pradesh
Nationality: Indian
Language Known: Hindi, English
Google Link: https://sites.google.com/view/sanjay-kumar-gupta-iit-bhu
GitHub Link: https://github.com/rspvsanjay
LinkedIn Profile Link: https://www.linkedin.com/in/sanjay-kumar-gupta-a4b7702b/

REFERENCES

Name: Dr. Pratik Chattopadhyay (PhD Supervisor)
Designation: Assistant Professor at Department of Computer Science and Engineering, Indian Institute of Technology (BHU) Varanasi-221005
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Name: Dr. Kishor P. Sarawadekar (PhD RPEC committee member)
Designation: Assistant Professor at Department of Electronics Engineering, Indian Institute of Technology (BHU) Varanasi-221005
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Name: Dr. V.B Gupta (M.Tech Supervisor)

Designation: Head& Professor at School of Data Science and Forecasting, DAVV, Indore (MP)
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