Chandrakant Ojha

Curriculum Vitae

Work hard, remain cool and enjoy every moment

Education

2012–2013	**Intermediate Education**, *Kendriya Vidyalaya Danapur Cantt*, *93 %*.
2014–2016	**Undergraduate(3rd Year) Education**, *Indian Institute of Information technology, Sricity*, Chittoor, *GPA − 8.22*.

Technical Strength

Computer Language	*C/C++,Python, MATLAB, MIPS, Embedded C*
Software Tools	Opencv, HTML & CSS, LaTeX, XILINX, Web2py

Experience

May 2015 - July 2015	**IIIT Sricity, Chittoor**, Undergraduate(1st Year) Research (during summer). Designed and developed multi-modal robot which has multiple control mechanisms for surveillance purpose. Published paper "Capturing the spied image-video data using a flexi-controlled spy-robot." 2015 Third International Conference on Image Information Processing (ICIIP). IEEE, 2015.
June 2016 - July 2016	**ISI Kolkata**, Undergraduate (2nd Year) Summer Training Programme . Introduction to Computer Vision, Image & Video Processing, Image analysis and Machine Learning. At the end, completed the project on the topic 'Action Recognition from One Example'.

Projects

Oct 2016 - Nov 2016	**Image Matching**. Used LIOP descriptor to extract feature of images. I have applied key-point based image matching technique to increase the accuracy This technique takes care of angle of rotation, illumination and scalability issues.
June 2016 - July 2016	**Action Recognition from One Example**. The objective of the paper is to detect action of interests in a 'target' videos similar to an action being performed in a 'query' video (for instance a hand waving motion). The proposed model is unsupervised, does not require learning, segmentation, or motion estimation.

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Feb 2016- May 2016	**Walking Stick for Blind Person**. Designed a smart walking stick that alerts visually-impaired people over obstacles in front could help them in walking with less accident and which can determine the optimal route to be taken.
Sep 2015 - Nov 2015	**Web portal: Polling System**. Used Web2py framework to design software that is capable of recording opinion of people for different categories like opinion about staffs, professors, institute works, mess foods and vote for CR etc.

Courses

Core	*C-programming & Data Structures, Algorithm, Digital Image Processing, Computer Vision , Artificial Intelligence, Computer Organization & Architecture, Software Engineering*
Mathematics	*Discrete Mathematics, Group Theory, Linear Algebra, Probability, Complex Numbers, Convex Optimization (ongoing)*

Communication Skills

English, Hindi

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