Sensor Noise Identification + Image Fingerprinting -> Testing & Verification Using Radon Transform involving Java + Python -> Image Processing & Informatics R&D Framework.

[Exploring Image Finger Printing Using ImageJ + JikesRVM + AI + Java + Python]

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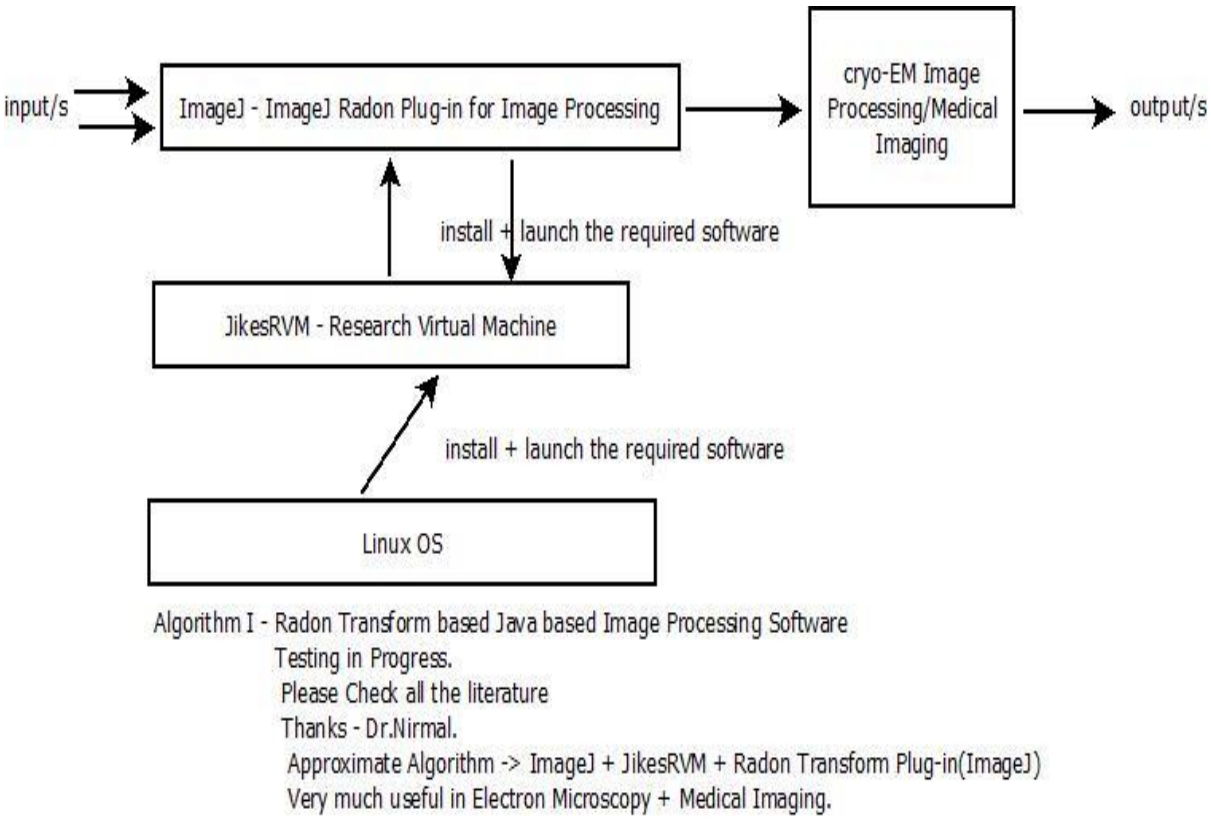
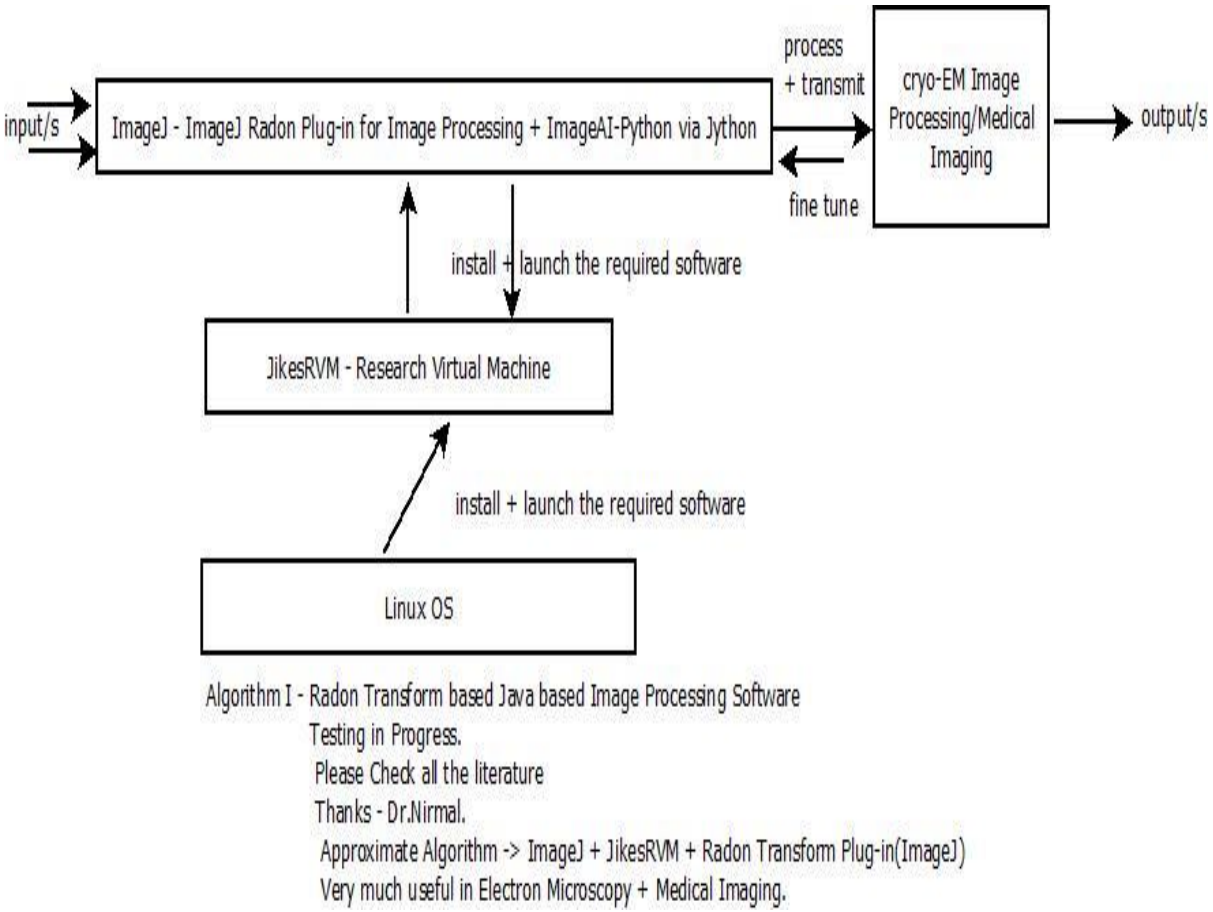
[I] Our Simple Derived Test BED from our Previous Image Processing Projects :



Algorithm I - Radon Transform based Java based Image Processing Software
Testing in Progress.
Please Check all the literature
Thanks - Dr.Nirmal.
Approximate Algorithm -> ImageJ + JikesRVM + Radon Transform Plug-in(ImageJ)
Very much useful in Electron Microscopy + Medical Imaging.

[Figure I – Algorithm I – Java based Imaging]



[Figure II – Algorithm II – Java + Python based Imaging]

[II] Acknowledgement/s :

Sincere Thanks to all my Mentors + Collaborators + Friends. Non-Profit R&D. Inspire Others.

[III] Important References :

[a] https://link.springer.com/content/pdf/10.1007%2F978-3-642-15992-3_15.pdf

[b] https://imagej.nih.gov/ij/plugins/radon-transform.html

[c] https://github.com/tejdnk-2019-ShortNotes – important references are mentioned.

[d] https://www.vixra.org/pdf/1803.0124v1.pdf – ImageJ + Helmholtz Equation + cryo-EM Images.

[e] https://info.nvidia.com/ai-cryoem-data-selection-reg-page?ncid=em-ded-n3-83180

[f] https://rxiv.org/pdf/1812.0454v1.pdf - ImageAI-Python Tool + ImageJ + Jython Plug-in.

[THE END]