

About SUMAN HAZARIKA

Current Designation : Chief Radiologist, Apollo Hospital, Guwahati, Assam.
Professor, Centre for Multidisciplinary studies & research, GCU, Assam

Educational background & Qualification ::

Medical School::

- Passed MD(1993-1996) in Radiology from Gauhati Medical College, under Gauhati University.
- Awarded PhD , (2013) , by Gauhati University for interdisciplinary research work between Medical & social science departments. Research domain : Governance in healthcare Technology.

Academic contributions in Radiological sciences ::

- Co editor in Chief : Journal of Gastro Abdominal Radiology (JGAR) – Journal of Indian society of gastroabdominal radiology , published by Thieme.
- Reviewer British Journal of Radiology, (British institute of radiology)
- Appointed reviewer of the Indian Journal of Radiology & Imaging (IJRI)
- Programme Co-ordinator (National) of Academic Initiative Radiology and Imaging, Teach the Teachers Radiology foundation.

Industry collaboration ::

- *Member of Gaussian Council, advisory body for developing low cost MRI Technology by General electric .*
- *Medial Adviser to Make in India low cost CT Design project for General electric.*
- Programme co-ordinator for the Annual course in Imaging Technology “Aspiretech” an initiative with GE healthcare .

Association with Medical technology research & contributor

Conference paper & developing research manuscripts

(Both are developed by PhD scholar from IIT , Guwahati -Developed by R Bhagawati, Deptt of Bioscience & Bioengineering, IIT , Guwahati)

- ✓ Precise Volumetric Quantification of blood in deformable solid organs : preliminary results based on a proof of concept scheme .
- ✓ HUVAO : a novel approach to CT Scan based hemoperitoneum estimation in non uniform anatomic space.

Graduate research in Health Technology

- ✓ Automated detection of cerebral microbleed ::Graduate project in Technology : Developed by Swetank Panwar, Supervision : Dr C N Gupta, BSBE, IIT , Guwahati

Academic Scientific Deliberations ::

- CT angiography of renal artery for donor evaluation, as Faculty & Invited speaker in Bangladesh National Radiology conference 2005.
- Malignancy in Renal fusion anomaly :: European society of Uro-radiology meet, Cairo(2006).
- Malignancy in Renal fusion anomaly :: Asia Ocenia conference of Radiology, Hongkong.(2006) * Biomed Imaging Interv J 2007; 3(1):e12-643
- CT evaluation of Cystic renal mass : Belgium ICIS conference 2007
- CT in acute renal Infection : Faculty lecture, 1st South Asian Radiology congress , Kathmandu , March 2007
- Revisiting role of small bowel barium series in diagnosis of GI tuberculosis : Educational exhibit in ESGAR, Istanbul 2008
- Acute pyelonephritis , Educational exhibit, AOCR, Seoul 2008
- Wilms tumor in Horse shoe kidney, PEDRAD.Rio de Jenerio 2009.
- Tc Ciprofloxacin imaging in Acute pyelonephritis, European society of uro-radiology, Athens.2009.
- Acute pyelonephritis predicting prognosis by CT , ESUR, Athens 2009
- Radiology of small bowel tumor, ICIS meeting Salzburg.2009.
- CT imaging of Acute renal infection for prognostication, Asian Abdominal Radiology congress, Beijing, 2011.
- CT Masterclass in renal infection, Radiology Conclave, Dhaca, 2017

Noteworthy Publications in Indexed Journals

Medical Sciences ::

- Radiological Quiz : Urodadiology : Circumcaval Ureter, IJRI 2002:1:125-126.
- Extensive skeletal manifestations in a case of primary hyperparathyroidism caused by parathyroid adenoma, IJRI 2002 12 : 2 : 267-270.
- Bilateral perirenal Lymphangiomatosis. Indian journal of Urology, Vol 22, no 1, pp73-74, 2006.
- Thyroid vignette . , Thyroid research and practice, vol5,no 3, pp90-91, 2008 Dec.
- 68Ga DOTATATE PET/CT of Synchronous Meningioma and Prolactinoma, .Clin Nucl Med 2015 Oct 12. Epub 2015 Oct 12.
- Evaluation of Tongue Cancer Using High-Resolution Sonography Comparison With Magnetic Resonance Imaging, Published August 7, 2015, doi: 10.7863/ultra.15.14.09001 JUM August 7, 2015 15.14.09001
- Pre-operative staging of carcinoma of tongue using Ultrasonography and Magnetic Resonance imaging, A J Diagn Imaging. 2017; 2(1): 8-13
- Acute Renal Infection in Adult, Part 1: An Overview of What the Radiologist Needs to Know. Journal of Gastrointestinal and Abdominal Radiology 2020; 03(02): 126-136, DOI: 10.1055/s-0039-1695656
- Acute Renal Infection in Adult, Part 2: Emphysematous Urinary Tract Infection—What the Radiologist Needs to Know. Journal of Gastrointestinal and Abdominal Radiology 2020; 03(02): 137-143, DOI: 10.1055/s-0039-3400338
- Diffusion-weighted and spectroscopic MRI super-resolution using sparse representations, Biomedical Signal Processing and Control, Volume 60, 2020, 101941, ISSN 1746-8094, <https://doi.org/10.1016/j.bspc.2020.101941>.

Social Science

- Governance of technology driven healthcare sector –a complex systemic perspective, Indian J Soc Dev , , Vol. 12, No 1 , 2012 . ISSN 09723692.
- Profit from Sickness-case of technology driven healthcare, Advances in applied sociology Vol 2. No 4. 2012 (Open access) Published Online March 2012 in SciRes , ISSN Print: 2165-4328, Scientific Research Publishing Inc., Irvine, USA. (<http://www.SciRP.org/journal/aasoci>),
- Healthcare Technology as domain of power ; the case of assisted reproductive technology, Intl. Rev. Comp. Sociology, Jan-june, 2012 issue, Serials publication, New Delhi, ISSN: 0975-1149
- Healthcare technology : A domain of inequality, Advances in applied sociology, Vol 3, No2, (open access) Published Online June 2013 in SciRes (<http://www.scirp.org/journal/aasoci>), ISSN Print: 2165-4328, scientific Research Publishing Inc., USA.

Published Book chapter ::

Volume : Recent Theories and Concepts in Applied Sociology: Volume I Edited by Gwen Smith,

Chapter2 :: Health technology ; Published by College Publishing House, 5 Penn Plaza, 19th Floor, New York, NY 10001, USA

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International academic Grants & other Awards (2007- Till date)

1. ICIS grants for annual course 2007-2009
2. ISCORN grant for annual meet 2007
3. ESGAR partial grant for paper presentation 2008
4. Nominated for Young Investigator award by Korean Society of Radiology 2009
5. Fellowship in Neuroradiology grant Bologna University 2010
6. Distinguished Clinical Tutor – 2018 Apollo health Education & Research Foundation (AHERF)