

Brief CV

Personal Details



Name	Dr. MOHD.ARFAT
Present Designation	Assistant Professor & Course Co-Ordinator
Department	Medical Radiology & Imaging Technology
Academic/ Teaching Experience	More than 08 Years (UG& PG Level)
Faculty	Faculty of Nursing Sciences & Allied Health
University Name	Jamia Hamdard University, New Delhi
Contact Number & Email Id	7617667601 & 8765651741 arfat.radiology@gmail.com

Academic Details

Academic Qualification	PhD in Radio-Imaging Technology, M.sc in RIT
International/ National Achievement	1. Received Life Time Membership from International Society for Magnetic Resonance in Medicine (ISMRM), USA. 2. Received Associate Member from European Society of Radiology 3. Received Life Time Member from Indian Academic and Research Association (IARA)
Fellow	Fellow of UPYA Foundation for Multidisciplinary Sciences UF/HFM/UP/053
MOOC Courses	1. MOOC Course on “MRI Fundamentals” from Korea Advanced Institute of Science & Technology (KAIST) 2. MOOC Course on “Functional MRI (f-MRI) from JOHN HOPKINS UNIVERSITY & University of Colorado Boulder.

Publication/Research Experience		
1	Research Paper Publications	20 Published (Annexure-A)
2	Articles Publication	08 Published (Annexure-B)
3	Book Publication/Book Chapters Edited Books	01 Published-as Solo Author / Book Chapter 02 02 (Annexure-C)
4	Patent/ Copy Right	01 (Annexure-D)
5	Paper Presentations in Conferences	18
6	Awards	05 (Annexure-E)
❖ Conference/workshop Attended (Offline)		
7	National	31
8	International	03
❖ Conference/workshop Attended (Online)		
9	National E- Conference/Seminars/CMEs/Webinars	18
10	Covid-19 Training Course/Programs	03
12	Medical Radio-Imaging Courses/ Training	14
13	MOOC Courses From International Universities	02
14	International/National Professional Bodies Membership	10
15	Faculty Development Programs/Bio- Medical Research Course	03
16	Organized Conferences/Workshops/CME	02
17	SCIENTIFIC SESSION CHAIRING	05 (in Different conferences)
18	Reviewer board member	04 National Journals
19	Board of Studies (BOS) member	BOS member of Department of Para Medical & Health Sciences, Faculty of Medicine Parul University, Vadodara.
20	U.P. State Medical Faculty (Inspector)	Appointed as a Inspector of U.P. State Medical Faculty Lucknow for inspection of different Para Medical /Nursing Colleges.
21	Appreciation	Appreciated by Vice-Chancellor of Uttar Pradesh University of Medical Sciences and Medical Superintendent of UPUMS,Saifai-Etawah

Important Academic Assignments/Responsibilities

- **Set questions paper & Entrance Exam MCQs of different University for Bachelor and Diploma Courses of Medical Radio-Imaging Technology (Bsc. In Medical Radio-Imaging Technology, Diploma in X-ray techniques, Diploma in MRI Techniques, Diploma in CT scan Techniques).**
- **Supervisor of Thesis for Master Level in the Subject of Medical Radiology & Imaging**
- **Conducted Practical & Viva-voce examination of Para Medical courses of different Universities.**
- **Nominated as Board of Studies (BOS) & Expert member in the subject of Medical Radiological & Imaging technology of different Universities.**
- **Organized many Conferences/Seminars/CME as an Organizing secretary/Scientific Committee member/Advisory board member.**

Published Research Papers Details (Total 21) (ANNEXURE-A)

- 1- **S. Srivastava, Mohd. Arfat, S. Pachar, R. Krishna Yellapragada and P. Jyotiyana, "Pre-Processing Investigation For Brain Abnormality Detection And Analysis Through MRI of Brain," 2023 1st International Conference on Innovations in High Speed Communication and Signal Processing (IHCSP), BHOPAL, India, 2023, pp. 418-422, <https://doi.org/10.1109/IHCSP56702.2023.10127204>.**
- 2- **Mohd. Arfat et al "A Cross-Sectional Survey On An Insight Into The Current Perceptions Of Indian Radiologists, Radiographers, Radiology Trainee & Medical Imaging Students On The Future Impact Of Artificial Intelligence (AI) On The Profession" PNR 14 (02), 2023, 1686-1699.**
- 3- **Mohd. Arfat et al "A Retrospective Cross-sectional Study to Estimate the Dose Length Product (DLP) Using Multi-slice Computed Tomography of CT Head based on Sex and Body weight in North India" Eur.Chem.Bull. 2023 Vol 12 (1) 5146-5166.**
- 4- **Mohd. Arfat et al "Outcome Analysis in Cases of Low Back Pain by Fat Saturation Techniques of Magnetic Resonance Imaging:- A Cross-sectional Rural Hospital Based Study" Eur.Chem.Bull. 2023 Vol 12 (1) 1272-1285.**

- 5- **Mohd. Arfat** et al “Estimation of Dose Length Product (DLP) Using MSCT for CT Abdomen –pelvis based on sex and body weight in north India” *Neuroquantology* 2022 Vol 20 (22) 2191-2204.
- 6- **Mohd. Arfat** et al “To Assess The Effectiveness Of The Traditional Teaching Method Versus The Digital Education System in Imparting Knowledge of Cardio-Pulmonary System Resuscitation Among Students in Schools” *Journal of Pharmaceuticals and Negative Results* 13 (08), 2022, 4463-4464 DOI: 10.47750/pnr.2022.13.S08.572
- 7- **Mohd. Arfat*** et al “A Questionnaire Survey Of Radiation Hazards and Protection Among Medical And Imaging Technology Students *Int J Recent Sci Res.* 13(03), pp. 526-529.
- 8- **Mohd. Arfat*** et al Morphological Evaluation of Cervical Facet Joint Arthrosis & Correlation with age in patient of Neck pain by CT scan *Journal of Xi’an Shiyou University, Natural Science Edition* ISSN : 1673-064X <http://xisdxjxsu.asia> VOLUME 19 ISSUE 01 January 2023 187-197.
- 9- **Mohd. Arfat*** et al Cranial CT scan Evaluation of Morphological Variation of Bony Pattern & Location of Pterion in the Indore male population for a Lateral Neurological Approach *Journal of Xi’an Shiyou University, Natural Science Edition* ISSN : 1673-064X <http://xisdxjxsu.asia> VOLUME 18 ISSUE 12 December 2022 95-104
- 10- **Dr.Mohd.Arfat*** **Magnetic Resonance Elastography- Techniques & Clinical Applications-An Overview** *Journal of Xi’an Shiyou University, Natural Science Edition* ISSN : 1673-064X <http://xisdxjxsu.asia> VOLUME 18 ISSUE 10 October 2022 174-186.
- 11- **Dr.Mohd.Arfat*** et al “Evaluation Of Radiologic Technology Education Programs -A Review Article” *International Journal of Early Childhood Special Education (INT-JECSE)* ISSN: 1308-5581 Vol 14, Issue 07 2022 DOI:10.9756/INTJECSE/V14I7.16.
- 12- **Dr.Mohd.Arfat**, V.K.Chakravarti, DR.Y.C.Yadav et al A Study on the Role of Contrast Hysterosalpingography as a Test for Tubal Patency in the Assessment of Infertility *Int. J. Adv. Res.* 10(10), 267-271 DOI:10.21474/IJAR01/15487.
- 13- **Dr.Mohd.Arfat*** Akansha Singh et al “A study of The Literature On Management Strategies For Radiology Services” *Neuro Quant logy* 2022; 20 (13): 417-419
- 14- **Dr.Mohd. Arfat*** Imtiyaz Ansari, Conventional Radiography- A comparison with Computed Radiography (CR) *Journal of Xi’an Shiyou University, Natural Science Edition* ISSN : 1673-064X <http://xisdxjxsu.asia> VOLUME 18 ISSUE 9 September 2022 338-34.

- 15- Dr. Mohd. Arfat¹**, Dr. Kailash Kumar Mittal^{2*}, Dr. A.P. Verma³, Dr. Sumit Anand⁴ and Gaurav Dubey “Radiologic and Clinical Characteristics of Mucormycosis in Post Covid-19 Patients” *OMICS J Radiol* 2021, 10:12 355.
- 16- Dr. Kailash Kumar Mittal.**, **Dr. Mohd. Arfat*** Clinico-Radiological Profile of Brain Space Occupying Lesion Imaged with MRI and Spectroscopy in a Rural Center **IJMSCR** 2021 May-June Volume 4 Issue 3 967-972.
- 17- Mohd Arfat***, Zahiruddin MD, Yadav YC, Brig T Prabhakar VSM and Gupta AK Evaluation of Epidemiological Trends and Severity of Traumatic Brain Injury Using Multi-Detector Computed Tomography Scanner in Uttar Pradesh University of Medical Sciences Hospital *OMICS J Radiol* 2017, 6:1 254.
- 18- Ragni Kumari**, Gaurav Dubey, Neha Dubey, **Dr. Mohd. Arfat**, MD. Masihuzzaman, Nitesh Pradhan, Jamshed Ali, Dr. Ahateshaam Ansari, Luxmi Singh, Rajiv Janardhanan Strategies Adapted For Patient-Oriented Care And Satisfaction During The Covid-19 Pandemic: An Overview *Journal of Drugs and Cell Therapies in Haematology* (ISSN: 2281-4876) Volume 10 Issue 1 (2021).
- 19- Mohd Arfat^{1*}**, A.P.Verma, Arvind Shukla , Kailash K.Mittal Emerging Trends of Traumatic Brain Injury (TBI) in Western U.P India: Diagnosis and Rehabilitation , *IJRMS R.* 2019; 7(6): 2356-2361
- 20- Mohd. Arfat^{1*}**, Dr. Yogesh Chand Yadav², Dr. Adesh kumar³ , Dr. A.K.Gupta⁴ CLINICAL APPLICATIONS OF MAGNETIC RESONANCE IMAGING (MRI) IN EPILEPSY DISORDER, © 2018 IJCRT | Volume 6, Issue 2 April 2018 | ISSN: 2320-2882.
- 21- Mohd. Arfat^{1*}**, Dr. A.K. Gupta², Dr. (Maj.) S.C. Godara³ and Dr. Yogesh Chand yadav Emerging Trends Using Various Technological Advancements In Traumatic Brain Injury (TBI) In Western U.P. **WJPMR**, 2017,3(5), 121-126.

Published Articles Details (ANNEXURE-B)

- 1- **Dr.Mohd Arfat***, Article title “ **Role of Artificial Intelligence (AI) in Medical Radiology & Imaging**” published in ‘**Radiographer’s Journal**’ as **first author** which is affiliated to International Society of Radiographers & Radiological Technologists(ISRRT) in MAY 2023 issue.
- 2- **Dr.Mohd Arfat***, Article title “ **MR Elastography-A Diagnostic Tool**” published in ‘**A.L.A.R.A. Informative Pages**’ as **first author** which is India’s first Radiographers Magazine (ISSN 2319-6173) in August 2022 issue.
- 3- **Mohd Arfat***, Article title “ **Gamma Camera**” published in ‘**A.L.A.R.A. Informative Pages**’ as **first author** which is India’s first Radiographers Magazine (ISSN 2319-6173) in October 2018 issue.
- 4- **Mohd Arfat***, Article title “ **Radiation in day to day life and Role of Radiographer**” published in ‘**A.L.A.R.A. Informative Pages**’ as **first author** which is India’s first Radiographers Magazine (ISSN 2319-6173) in October 2016 issue.
- 5- **Mohd Arfat***,Article title “**ROLE OF FNAC IN EARLY DETECTIONS OF BREAST LESIONS**” published in Journal Of Medical Laboratory Technology Of India (AIMLTA CHRONICLE) ISSN 2349-1302 in June 2016 issue.
- 6- **Mohd Arfat***, Article title “**Magnetic Resonance Spectroscopy**” published in ‘**A.L.A.R.A. Informative Pages**’ as a **first author** which is India’s first Radiographers Magazine (ISSN 2319-6173) in MAY 2016 issue.
- 7- **Mohd Arfat***,Article title “ **FILM DOSIMETRY**” published in ‘**A.L.A.R.A. Informative Pages**’as co-author which is India’s first Radiographers Magazine (ISSN 2319-6173) in January 2016 issue.
- 8- **Mohd Arfat***, Article title “**Charles A. Mistretta- An Innovative Life**” published in ‘**A.L.A.R.A. Informative Pages**’ as a **first author** which is India’s first Radiographers Magazine (ISSN 2319-6173) in January 2017 issue.

Published Book / Book Chapter Details (ANNEXURE-C)

S. No	Book/Chapter Name	Publisher Name	Author Name	Status
1-	“Basic Concept and Protocol of Computed Tomography (CT Scan) – A Practical Approach”	Educational Publishing House, New Delhi-India	Dr. Mohd. Arfat	Published ISBN 978-93-88105-56-9
2-	“Basic Radiological Anatomy”	Scientific International Publisher-New Delhi Book Name- “Concise Anatomy and Physiology”	Dr. Mohd. Arfat	Published ISBN 978-9381714-71-3 Page Number 53-71
3-	“Impact of Novel Corona virus Disease (COVID-19) in India”	Bharti Publication New Delhi Book Name- “Path-Breaking Research & Advances in Health Care,Pharmacy,Dental & Medical Sciences”	Dr. Mohd. Arfat	Published ISBN 978-93-94779-46-4 Page No 109-121 Chapter 13

Edited Books details

S. No	Book Name	Publisher Name	Chief Editor	Status
1-	Modern Trends In Multidisciplinary Subjects, Vol-1	Red Shine Publication-Multinational (UK,Sweden,India)	Dr. Mohd. Arfat	Published ISBN 978-93-95456-62-3
2-	Advance Research in Medical and Life Sciences	MSKES Publications-India	Dr. Mohd. Arfat	Published ISBN 978-93-91248-46-8

Patent/Copy-Right Details (ANNEXURE-D)

- Titled “**Medicine dispensing Packages and containers for the transport or handling of goods**” design no. 350708-001.

Academic Awards Details (ANNEXURE-E)

- Recognized by “**IRSD Prominent Young Scientist Award 2023**” at 10th International Conference on Interdisciplinary Research for Sustainable Development (IRSD) held on 30th May 2023 at Jamia Hamdard-New Delhi.
- Recognized by “**Award for Outstanding Achievement in Allied Health Science**” in National Conference on Advancement in Interdisciplinary Research (NCAIR-2022) organized by Science Tech Institute & Amiruddaula Islamia Degree College, Lucknow on 31st July 2022.
- Recognized by **Best Young Researcher Award (2017), Grace India Educational Charitable Trust** on 7th October, 2017 at New Delhi.
- Recognized by **Research Excellence Award** by the Institute of Scholars (InSc), Karnataka in 2020.
- Recognized by **Young Scientist award (2016)**, The Society of Biomedical laboratory Scientists (SBMLS), India, 2nd Annual Scholar’s Science Meet of SBMLS on 16th Dec 2016 at Gandhi Peace Foundation, New Delhi.

Dr. Mohd. Arfat