

Brief bio-data of Prof. Syed Arshad Hussain

Dr. S. A. Hussain is a Professor in the Department of Physics at Tripura University (A Central University), India. His major fields of research interests are –

- Organic memory for WROM, RAM, CRS applications towards sustainable organic electronics
- Brain-inspired computing / Neuromorphic device applications
- Optical switchable thin films for naked eye colorimetric sensors (bio-sensors / chemical sensors) applications
- Volta-metric sensors
- Fluorescence Resonance Energy Transfer (FRET) & its applications
- Nano-scale aggregates in ultra-thin films & their applications towards optoelectronics devices

He was a Postdoctoral Fellow of K.U. Leuven, Belgium during 2007 – 2008 and visited **12** countries for research / academic activities. He has undertaken several research projects (grant amount ~ **INR 516.7 lakhs**) funded by DST, CSIR, DAE, UGC etc.

Dr. Hussain has published more than **193** research papers in international journals, written four books and edited four books. Prof. Hussain has Six **(06) patents** granted in his credit.

He is involved with Editorial Board Member of various journals like Applied Clay Science (Elsevier; IF=5.8 (2013-22)), Heliyon (Elsevier; IF= 3.776 (2018-23)), Recent Patent in Nanotechnology (Bentham Science, IF=3.1 (2019 - till date)), Frontiers in Nanotechnology (Frontier, IF=3.8 (2023 – till date)), Discover Physics (Springer & Applied Nanoscience (Springer) (2025 – till date).

Dr. Hussain has already guided **thirteen (13)** Ph.D. scholars, **two (02)** post-docs and **three (03)** M. Phil. students. At present **one (01) post-doc** and **Six (06) PhD** students are working under his supervision.

He has organized several scientific events as convener / organizing secretary as follows:

International Conference: **04** (2013, 2017, 2020, 2024)

National Conference: **04** (2009, 2010, 2012, 2021)

Faculty Development Program (FDP): **04** (2020, 2021(2), 2022)

Refresher Course: **01** (2015)

Workshop: **02** (2018, 2019)

Lecture Program: **02** (2020, 2018, 2021)

Webinars: **05** (2020 (2), 2021(2))

Reunions / Alumni Meet: **03** (2007, 2012, 2021)

Publication statistics:

Patent: **06** (granted)

Publication in peer reviewed journals: **193**

Average impact factor: ~ **3.19** (Highest IF=**9.6**)

Full paper published in the proceedings: **23**

Edited / Authored books: **10**

Edited special issue in journals: **09**

h – index: **27** : *i10* – index: **76**

Total citations: **2561**

Paper presented in seminar/ conferences/symposia: **89**

(Invited lecture: **51** and Oral + Poster presentations: 38)

He earned several recognitions in professional area – few of them are – Jagdish Chandra Bose Award 2008-2009, TSCST, Govt. of Tripura; Young Scientist Research Award by DAE & DST, Govt of India, Visiting Scientist by K. U. Leuven, Belgium (2007-2008; 2011), Yamaguchi University, Japan (2013, 2018); Osaka University (2013, 2018, 2025). Fellow of International Association of Advanced Materials (IAAM) (2022), Board Member of IAAM (2024). Best Paper award in 96th ISCA, Felicitation by Asiatic Society of Bangladesh (2016) etc. In the year 2021 Tripura University felicitated Dr Hussain for his academic achievements with medal & certificate.

For further details:

<https://sahussaintu.wordpress.com/> (Personal website)

<https://tripurauniv.ac.in/site/index.php/en/faculty-physics-syed-arshad-hussain-en> (University website)

List of publications:

<https://sahussaintu.wordpress.com/publications/>

<https://scholar.google.com/citations?user=aFaX6hcAAAAJ&hl=en>



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