**Total Research Grant:** Rs. 422.82 lakhs  
(As PI: 109.06/ Coordinator or Asst. Coordinator: 283.5 / Others: 30.26)

**Ongoing Projects:**

**As Principal Investigator:**

**Project Title:** Photo-physical studies of some molecules in solution, bulk and ultrathin films in presence and absence of nano-clay: investigations of fluorescence resonance energy transfer and sensor application.

**Sanctioned amount:** Rs. 30.4 lakhs (2016 – 2019)  
**Funding agency:** DST, Govt of India (Ref. No. EMR/2014/000234; dt 17.03.2015)

**Project completed as Principal Investigator:**

1) **Project Title:** Fabrication and characterizations of ultrathin films obtained by molecular self assembly method through electrostatic interactions.

**Funding agency:** DST, Govt of India (Fast Track Scheme for Young Scientist) (Ref. No. SE/FTP/PS-54/2007)  
**Total grant:** Rs. 13.74 lakhs (2010 – 2014)

2) **Project Title:** Investigations of molecular organization in nano-dimensional organo-clay mono- and multilayer hybrid films fabricated by Langmuir-Blodgett and Layer-by- Layer Self assembled technique.

**Funding agency:** CSIR, Govt of India (Ref. 03(1146)/09/EMR-II dt 12/11/2009).  
**Total grant:** Rs. 22 lakhs (2009 – 2014)

3) **Project Title:** Investigations of the organizations and morphology of nano-dimensional organo-clay hybrid Langmuir-Blodgett (LB) films.

**Funding agency:** DAE, Govt of India (DAE Young Scientist Research Award -2009) (Ref. No. 2009/20/37/8/BRNS/3328 dt 9/3/2010)  
**Total grant:** Rs. 15.33 lakhs (2010 – 2013)

4) **Project Title:** Photophysical studies of organized molecular assemblies in Langmuir-Blodgett Films.

**Funding agency:** UGC, Govt of India (minor research project)  
**Total grant:** Rs. 0.35 lakhs (2004-2005)
**As Co-Principal Investigator:**

1) **Project Title:** Morphological and photophysical investigations of Langmuir and Langmuir-Blodgett films  
**Funding agency:** DST, Govt of India (Ref No: SR/S2/LOP-19/07)  
**Total grant:** Rs. 19.64 lakhs (2008-2012)

2) **Project Title:** Photophysical investigation of stable Langmuir-Blodgett films of organic, polymeric and water soluble materials  
**Funding agency:** CSIR, Govt of India (Ref. Ref. No.03 (1080)/06/EMR-II)  
**Total grant:** Rs. 7.5 lakhs (2007-2010)

**As Program Coordinator / Deputy Coordinator:**

**Project Title:** Financial support under “Fund for Improvement of S&T infrastructure in universities & higher educational institutions (FIST)”.

**Funding agency:** DST, Govt. of India (Ref. No. SR/FST/PSI-191/2014)  
Sanctioned amount: Rs. 175 lakhs (2014-2019)

**Project Title:** “Financial support under Special Assistance Program of UGC” with thrust area “Thin film and Nanoscience”.

**Funding agency:** UGC, Govt. of India (Ref No F.530/23/DRS-I/2018 (SAP-I) dated 24.04.2018)  
Sanctioned amount: Rs. 108.50 lakhs (2016-2021)

**Funding received for other purposes**

Faculty Development Program (FDP) under the scheme AICTE Training And Learning (ATAL) Academy Faculty Development Program (FDP) on Progress in Novel two Dimensional Material organized by Department of Physics, Tripura University during 04-08, October., 2021.  
**Funding Agency:** AICTE, Govt. of India  
Ref. No. 01/AICTE/ATAL-HQ/2021-22/1614168301 date 15.06.2021  
Sanctioned amount: Rs. 0.93 lakhs  
PI: Dr. Syed Arshad Hussain

Faculty Development Program (FDP) under the scheme AICTE Training And Learning (ATAL) Academy Faculty Development Program (FDP) on Fundamentals of Novel Material organized by Department of Physics, Tripura University during 24-28, August., 2021.  
**Funding Agency:** AICTE, Govt. of India  
Ref. No. 01/AICTE/ATAL-HQ/2021-22/1613713379 date 15.06.2021  
Sanctioned amount: Rs. 0.93 lakhs  
PI: Dr. Syed Arshad Hussain

List of research funding / grant obtained by Dr. Syed Arshad Hussain
Faculty Development Program (FDP) under the scheme AICTE Training and Learning (ATAL)
Academy Faculty Development Program (FDP) on “Sensor Technology” during 21-25 September,
2020 held at Department of Physics, Tripura University (A Central University)
Funding Agency: AICTE, Govt. of India
Ref. No. 01/AICTE/ATAL-HQ/2020-21/1583935067 dated 12.08.2020
Sanctioned amount: Rs. 0.93 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Third International Conference on Material Science (ICMS2020) during 04-
06 March, 2020 held at Dept. of Physics, TU
Funding Agency: UGC, Govt. of India
Ref. No. No F.530/23/DRS-I/2018 (SAP-I) dated 24th April, 2018
Sanctioned amount: Rs. 2 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Third International Conference on Material Science (ICMS2020) during 04-
06 March, 2020 held at Dept. of Physics, TU
Funding Agency: SERB-DST, Govt. of India
Ref. No. SSY/2019/001030 dated 04 November, 2019
Sanctioned amount: Rs. 1.5 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Third International Conference on Material Science (ICMS2020) during 04-
06 March, 2020 held at Dept. of Physics, TU
Funding Agency: DRDO, Govt. of India
Sanctioned amount: Rs. 0.80 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Third International Conference on Material Science (ICMS2020) during 04-
06 March, 2020 held at Dept. of Physics, TU
Funding Agency: INSA, Govt. of India
Ref. No. SP/C-Feb-52/2-19-20 dated 27 Feb., 2020
Sanctioned amount: Rs. 0.50 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Science Academy’s three-day workshop on “Thin Films & Nanomaterials:
Principles and Applications” during 26 to 28 March, 2018
Funding Agency: Joint Science Education Panel, Indian National Science Academy, Govt. of India
Ref. No. IASc/SEP/LW/March/2018 dated 2nd February, 2018
Sanctioned amount: Rs. 2.05 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Second International Conference on Material Science (ICMS2017) during
16-18, Feb. 2017 held at Dept. of Physics, TU
Funding Agency: SERB-DST, Govt. of India
Ref. No. SB/SS/1129/16-17 dated 21 November, 2016
Sanctioned amount: Rs. 1.5 lakhs
PI: Dr. Syed Arshad Hussain

List of research funding / grant obtained by Dr. Syed Arshad Hussain
Funding for organizing Second International Conference on Material Science (ICMS2017) during 16-18, Feb. 2017 held at Dept. of Physics, TU
Funding Agency: DRDO, Govt. of India
Ref. No. ERIP/ER 16-17/C/181 dated 30 Jan., 2017
Sanctioned amount: Rs. 1.0 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Second International Conference on Material Science (ICMS2017) during 16-18, Feb. 2017 held at Dept. of Physics, TU
Funding Agency: CSIR, Govt. of India
Ref. No. SYM/8845/16-HRD Dated 28 Sept., 2016
Sanctioned amount: Rs. 0.50 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Second International Conference on Material Science (ICMS2017) during 16-18, Feb. 2017 held at Dept. of Physics, TU
Funding Agency: INSA, Govt. of India
Sanctioned amount: Rs. 0.30 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Second International Conference on Material Science (ICMS2017) during 16-18, Feb. 2017 held at Dept. of Physics, TU
Funding Agency: BRNS, Govt. of India
Ref. No. 2016063700SYMP03246-BRNS Dated 06 Oct., 2016
Sanctioned amount: Rs. 1.0 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing Science Academies’ Refresher Course on “Thin films and Nanoscience” during 4 – 18 th May, 2015
Funding Agency: Joint Science Education Panel, Indian National Science Academy, Govt. of India
Sanctioned amount: Rs. 6,36,750 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: BRNS, Govt. of India
Ref. SYM/7309/12-HRD, July, 27, 2012
Sanctioned amount: Rs. 2.0 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: CSIR, Govt. of India
Ref. SYM/7309/12-HRD, July, 27, 2012
Sanctioned amount: Rs. 2.0 lakhs
PI: Dr. Syed Arshad Hussain
Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: DBT, Govt. of India
Ref. DBT/CTEP/01/20120584 Dated 18 July, 2012
Sanctioned amount: Rs. 2.0 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: DRDO, Govt. of India
Ref. ERIP/ER12 – 13/C/313 dated 19 Dec 2012
Sanctioned amount: Rs. 0.75 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: DST, Govt. of India
Ref. SERB/F/4426/2012-13 dated 07.11.2012 & SR/SS/882/12-13; Dated :16/11/2012
Sanctioned amount: Rs. 2.0 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: INSA, Govt. of India
Ref. No SP/C-42/2012/1657 dated 04.10.2012
Sanctioned amount: Rs. 0.40 lakhs
PI: Dr. Syed Arshad Hussain

Funding for organizing First International Conference on Material Science (ICMS2013) during 21-23, Feb. 2013 held at Dept. of Physics, TU
Funding Agency: MoES, Govt. of India
Ref. No MoES/SSWC/74/2011/PC5
Sanctioned amount: Rs. 0.80 lakhs
PI: Dr. Syed Arshad Hussain

List of research funding / grant obtained by Dr. Syed Arshad Hussain