



HEBER ANALYTICAL INSTRUMENTATION FACILITY (HAIF)

BISHOP HEBER COLLEGE (Autonomous)

(Affiliated to Bharathidasan University)

Nationally reaccruited with 'A' Grade by NAAC with a CGPA of 3.58 out of 4

Recognized by UGC as 'College of Excellence' | 'Star College' Status by DBT

DST-FIST Sponsored College under 'College as a Whole' Scheme

Tiruchirappalli - 620 017



ACTIVITY REPORT - (2018-2019)

1. Hands on Training Program organized

S.No	Date	Title of the Program	Resource person	Number of Participants
1.	10.08.2018 to 29.09.2018	Two days Hands on Training In Advanced Research Instrumentation series	1. Dr. J. Princy Merlin, Associate Professor of Chemistry at Bishop Heber College 2. Dr. K. Vijayalaksmi, Assistant Professor, Department of Physics, Bishop Heber College 3. Dr. G. Solaraj, Technical officer, HAIF, Bishop Heber College 4. Mr. G. Manoji, Technical Assistant, HAIF, Bishop Heber College	39
2.	21.12.2018 to 13.02.2019	One days Hands on Training In Advanced Research Instrumentation series	1. Dr. K. Vijayalaksmi, Assistant Professor, Department of Physics, Bishop Heber College 2. Dr. Sathyan, Assistant Professor of Chemistry, Bishop Heber College 3. Dr. G. Solaraj, Technical officer, HAIF, Bishop Heber College 4. Mr. G. Manoji, Technical Assistant, HAIF, Bishop Heber College	135



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2. Demonstration program

S.No	Date	Demonstration Program on	Number of Participants
1.	16-07-2018 and 08-12-2018	Gas Chromatography - Mass Spectrometer	99
2.	24-07-2018 and 08-12-2018	UV - Visible Spectrophotometer	91
3.	13-08-2018 and 08-12-2018	Spectro Fluorophotometer (PL)	63
4	21-08-2018 and 08-12-2018	Electrochemical Analyzer (CV)	91

3. Summer Internship program

S.No	Date	Name and address	Project topic	Project supervisor
1.	13.05.2019 to 13.06.2019	E. Dinesh, Dept of Physics, D.G. Vaishnav College, Chennai	Fabrication of Fe/Sn Thin films for super capacitor device application	Dr. K. Vijayalakshmi, Assistant Professor, Department of Physics, Bishop Heber College.
2.	13.05.2019 to 13.06.2019	R. Arunkumar, Dept of Physics, D.G. Vaishnav College, Chennai	Synthesis, UV and Photo Luminescence of CuKCl ₃ Perovskite crystals	Dr. M.B. Jessie raj, Assistant Professor, Department of Physics, Bishop Heber College.