Teachers Profile

Department of Physics,
Dhemaji College, Assam

Name	:	Mr. Amar Jyoti Saikia
Designation	:	Assistant Professor,
Teaching Department	:	Physics.
Area of Specialization	:	Nuclear Physics
Date of appointment	:	24/12/2019

Improvement of personal competence:
Qualification:

Examination Passed	Board/University	Year of Passing
H.S.L.C.	SEBA	2008
H.S.S.L.C	AHSEC	2010
B.Sc.	Cotton College, Gauhati University	2013
M.Sc.	Gauhati University	2015
SLET	Guwahati University	2016
PhD (Pursuing)	North Eastern Regional Institute of Science and Technology	--------

Details regarding refreshers (R.C)/orientation course (O.C): NIL

Seminar/Symposium/Workshop attended:

SL. No.	**University/College**	**Year**	**Topic**
1	The University of Burdwan, West Bengal	**Condensed Matter Days 2018**	Synthesis and electrical studies of $La_2Mo_2O_9$ by solution combustion method
2	NEHU	**AMEST-2019**	Effect of sintering temperature on structural and electrical properties of $La_2Mo_2O_9$.
3	Cotton College State	**GSES-2019**	Structural and electrical properties of La_2-

	University		$_xBi_xMo_{1.95}V_{0.05}O_{9-\delta}$ (x=0.3, 0.4)
4	ADP College, Nagaon	**COMSE-2k20**	Study of effect of Nb doping in $La_2Mo_2O_9$.
5	Dhemaji College	**2020**	One Week Online Faculty Development Programme on 'ASPECTS OF PEDAGOGICAL RE-DESIGN AND ONLINE TEACHING – LEARNING PROCESS'

Publications: Research Paper

a) Tripathy, D. Saikia, A. J. Pandey, A. (2018). Effect of simultaneous Ti and Nb doping on structure and ionic conductivity of $Bi_2V_{1-x}Ti_{x/2}Nb_{x/2}O_{5.5-\delta}$ ($0.1 \leq x \leq 0.25$) ceramics. Ionics 25, 2221-2230.

b) Tripathy, D. Saikia, A. J. Tado, G. T. Pandey, A. (2019). Dielectric study of Ti-doped $Bi_2VO_{5.5}$ solid electrolyte. Indian Journal of Physics 93, 845-859.

c) Saikia, A. J. Tripathy, D. Tado, G. T. Pandey, A. (2019). Effects of sintering temperature on structural and electrical properties of $La_2Mo_2O_9$ prepared via solution. Carbon – Science and Technology 11, 85-93.

d) Saikia, A. J. Tripathy, D. Tado, G. T. Pandey, A. (2019). Effect of V^{5+} substitution on structural and electrical properties of $La_2Mo_2O_9$. Physica B: Condensed Matter 570, 133-138.

e) Tripathy, D. Saikia, A. J. Tado, G. T. Pandey, A. (2019). Role of Al and Ti doping in modulating electrical properties of BIVOX system. Journal of Advanced Ceramics 8, 489-499.

f) Saikia, A. J. Mondal, P. S. & Pandey, A. (2020). Synthesis and characterization of Bi^{3+} and V^{5+} co-substituted $La_2Mo_2O_9$. Phase Transition 93, 197-206.

Other Publication if any: (Book chapters)

(a) Studies on NbV-doped BITIIVVOX-0.125 system– Diptimayee Tripathy, Gyati Tachang Tado, Amarjyoti Saikia, Arvind Pandey.

(b) Studies of the La2Mo2O9+ Bi4V2O11 Based Composite Compound – Gyati Tachang Tado, Diptimayee Tripathy,Amarjyoti Saikia, Arvind Pandey. [in the book **ADVANCES IN NUCLEAR PHYSICS AND CONDENSED MATTER.ISBN No.: 978-9388881203**]