


1	NAME	ASCHARYA KUMAR KAR	
2	Designation	Lecturer	
3	Contact Address	Department of Physics, Nayagarh Autonomous college, Nayagarh, Odisha, Pin-752069	
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5	Email	ascharya.kkar@gmail.com	
6	Qualification	M.Sc. in Physics (2014) Utkal University, Vani Vihar, BBSR	
7	Specialization	Particle Physics	
8	Teaching Experiences	<ul style="list-style-type: none"> ➤ Lecturer at People's college, Buguda, Ganjam. (Oct 2016 to Oct 2018) ➤ Lecturer at Nayagarh Auto. College, Nayagarh. (Nov. 2018 continuing.....) 	
9	Research Experiences	<ul style="list-style-type: none"> ➤ JRF at School of Earth, Ocean and Climate sciences, IIT Bhubaneswar (June 2015 to Sept 2016) ➤ JRF at School of applied Sciences (Physics), KIIT University (Sept 2019 Continuing....) 	
10	Research Areas	Nano Composite materials, Nano structured photoelectron chemical cells, Solar Cell.	
11	Subject Teaching	Quantum Mechanics, Statistical mechanics, Nuclear & particle physics.	
12	Skills	Basic Programming with FORTRAN and MATLAB	

13	Honours & Awards / Achievements	<ul style="list-style-type: none"> ➤ CSIR-NET (JRF)-2015, CSIR-NET (LS)-2016, CSIR-NET (JRF)-2017 ➤ GATE-2014 (PHYSICS), GATE-2015 (PHYSICS), GATE-2018 (PHYSICS) ➤ NGPE-2011 (By IAPT) ➤ PG merit scholarship for Basic sciences (2012-2014), DST, Odisha ➤ Post metric scholarship-2011, Odisha
14	Refresher/ Orientation course/ Short term course	<ul style="list-style-type: none"> ➤ Refresher programme in Physics, IIT(ISM) Dhanbad (May 25 – June 14, 2017) ➤ Refresher programme in Physics, IIT(ISM) Dhanbad (May 29 – June 18, 2018) ➤ Academic Training Programme, Utkal University, Vani Vihar, BBSR (Nov 13 – Nov 19, 2019)
15	Seminar/Workshop/Conferences	<ul style="list-style-type: none"> ➤ International workshop on Advance Materials, NIST Berhampur . (Dec 19 – Dec 21, 2017) ➤ Annual conference of Orissa Chemical Society & National Seminar on Recent Advances in Functional Nano Materials, NIST Berhampur. (Dec 23 – Dec 24, 2018)
16	Invited Talks	<ul style="list-style-type: none"> ➤ “Nanoscience and Nanotechnology”, Model Degree College, Nayagarh (20th Feb 2019) ➤ “Nanotechnology & its application in our daily life”, R.S. Mahavidyalaya, Odagaon (28th Feb 2019)
17	Publications	<ul style="list-style-type: none"> ➤ International Journals: 1 ➤ National Journals: Nil

Publications:

1. Duryodhan Sahu, **Ascharya Kumar Kar**, A.K. Pattanaik, P.S. rama Sreekanth, Nitesh Dhar Badgayan, **"Synthesis and applications of thieno[3,4-c] pyrrole-4,6-dione based linear to star-burst novel D-A conjugated oligomers for organic photovoltaics"**, S N applied Sciences (2019), 1:29