

## Online Application Form for Teaching Positions

### Position: Assistant Professor

**Advertisement No.** T-01 (2016)  
**Application Number** 100286  
**Details of application fee** Transaction ID:147126664 Date:2016-05-21 19:25:45 Amount:750.00  
**Name of the Applicant** Saswat Sourav Mohapatra  
**Gender** Male  
**Date of Birth** 05/09/1980  
**Category** General  
**Differently Abled** no  
**Email:** saswat.mohapatra@outlook.com  
**Mobile No:** 7077200104  
**Father's Name** Hemendra Nath Mohapatra  
**Mother's Name** Susama Mohapatra  
**Marital Status:** Married  
**Aadhar No:**  
**Nationality:** Indian  
**Centre** Biochemistry and Microbial Sciences



#### Educational Qualifications

Name of Degree / Diploma / Certificate / Class	Course	Board / University	Grade / CGPA / Division	Percentage	Year of Passing	Subjects
High School Certificate Examination	10th	Board of Secondary Education, Odisha	1st	78.25	1995	English, Mathematics, Science, Social Sciences

ation						
Higher Secondary Examination	10+2	Council of Higher Secondary Education, Odisha	1st	60.67	1995	Physics, Chemistry, Biology, Mathematics, English
BSc	Bachelors	Fakir Mohan University, Balasore	1st	70.5	2000	Zoology (Hons), Chemistry, Botany
MSc	Masters	Orissa University of Agriculture and Technology, Bhubaneswar	1st/7.70	77.0	2003	Microbiology
PhD	Doctorate	Institute of Life Sciences/ Utkal University, Bhubaneswar	-	-	2010	Life Science
CSIR-UGC JRF	Junior Research Fellowship	CSIR-UGC	-	-	2003	Life Sciences
<b>Gaps in Education:</b>						

### Experience

Designation	Scale of Pay	Name & address of University / Institute	Organization / Institute	Period of Experience			Nature Of Work
				From Date	To Date	No. of Years/Months(as on last date of online form)	
Research Associate II	38000	Centre for DNA Fingerprinting and Diagnostics, Hyderabad	Central Government	07/12/2015	14/06/2016	0 Y, 6 M, 7 D	Research in Bacterial Genetics
Project Research Associate	22000	Centre for Cellular and Molecular Biology, Hyderabad	Central Government	06/04/2015	10/10/2015	0 Y, 6 M, 4 D	Research in the area of protein-protein interactions
Postdoctoral Fellow	2500 Euro	Interdisciplinary Research Institute, CNRS, France	Other	01/03/2012	30/09/2014	2 Y, 6 M, 29 D	Research in the area of bacterial cell cycle regulation and epigenetics
Postdoctoral Fellow	3000 USD	University of Kansas Medical Center, Kansas City, USA	Other	01/09/2009	05/01/2012	2 Y, 4 M, 4 D	Research in the area of bacterial signal transduction and transcriptional regulation
<b>Total period of experience</b>	<b>Years</b>	5	<b>Months</b>	11	<b>Days</b>	14	
<b>Gaps in Experience:</b>							

### Research Papers

		<b>Journal's Name</b>		<b>Vol./Page</b>	<b>Impact</b>
--	--	-----------------------	--	------------------	---------------

Authors	Title of the Paper	& Place of Publication	Publication & ISSN	No/Year	Factor
SS Mohapatra, CK Mantri, T Bhotra, DV Singh	Characteristics of <i>Vibrio cholerae</i> O1 isolated from water of the River Ganga, Varanasi, India	Indian Journal of Medical Microbiology, India	Wolters Kluwer India, 0255-0857	33/507/2015	0.88
M Shankar, SS Mohapatra, S Biswas, I Biswas	Gene regulation by the LiaSR two-component system in <i>Streptococcus mutans</i>	PLoS One, USA	Public Library of Science, 1932-6203	10/e0128083/2015	3.23
SS Mohapatra, A Fioravanti, EG Biondi	DNA methylation in <i>Caulobacter</i> and other Alphaproteobacteria during cell cycle progression	Trends in Microbiology, USA	Cell Press, 0966-842X	22/528/2014	9.18
Pini F, Frage B, Ferri L, De Nisco NJ, Mohapatra SS, Taddei L, Fioravanti A, Dewitte F, Galardini M, Brilli M, Villeret V, Bazzicalupo M, Mengoni A, Walker GC, Becker A, Biondi EG	The DivJ, CbrA and PleC system controls DivK phosphorylation and symbiosis in <i>Sinorhizobium meliloti</i>	Molecular Microbiology, USA	Wiley- Blackwell, 1365-2958	90/54/2013	4.41
Fioravanti A, Fumeaux C, Mohapatra SS, Bompard C, Brilli M, Frandi A, Castric V, Villeret V, Viollier PH, Biondi EG	DNA binding of the cell cycle transcriptional regulator GcrA depends on N6-adenosine methylation in <i>Caulobacter crescentus</i> and other Alphaproteobacteria	PLoS Genetics, USA	Public Library of Science, 1553-7390	9/e1003541/2013	7.52
Biswas I, Mohapatra SS	CovR alleviates transcriptional silencing by a nucleoid-associated histone-like protein in <i>Streptococcus mutans</i>	Journal of Bacteriology, USA	ASM Press, 0021-9193	194/2050/ 2012	2.80
SS Mohapatra, CK Mantri, MHU Turabe Fazil, DV Singh	<i>Vibrio cholerae</i> O1 biotype El Tor strains isolated in 1992 from Varanasi, India harboured El Tor CTX $\Phi$ and classical ctxB on the chromosome-I and classical CTX $\Phi$ and classical ctxB on the chromosome	Environmental microbiology reports, USA	Wiley, 1758-2229	3/783/2011	3.29
P Chatteraj,					

SS Mohapatra, JLUM Rao, I Biswas	Regulation of transcription by SMU. 1349, a TetR family regulator, in <i>Streptococcus mutans</i>	Journal of bacteriology, USA	ASM Press, 0021-9193	193/6605/2011	2.80
A Dmitriev, SS Mohapatra, P Chong, M Neely, S Biswas, I Biswas	CovR-controlled global regulation of gene expression in <i>Streptococcus mutans</i>	PLoS One, USA	Public Library of Science, 1932-6203	6/e20127/2011	3.23
CK Mantri, SS Mohapatra, DV Singh	Effect of storage and sodium chloride on excision of CTX $\Phi$ or pre-CTX $\Phi$ and CTX $\Phi$ from <i>Vibrio cholerae</i> O139 strains	Infection, Genetics and Evolution, USA	Elsevier, 1567-1348	10/925/2010	3.01
SS Mohapatra, CK Mantri, H Mohapatra, RR Colwell, DV Singh	Analysis of clonally related environmental <i>Vibrio cholerae</i> O1 El Tor isolated before 1992 from Varanasi, India reveals origin of SXT-ICEs belonging to O139 and O1 serogroups	Environmental microbiology reports, USA	Wiley, 1758-2229	2/50/2010	3.29
CK Mantri, SS Mohapatra, RR Colwell, DV Singh	Sequence analysis of <i>Vibrio cholerae</i> orfU and zot from pre-CTX $\Phi$ and CTX $\Phi$ reveals multiple origin of pre-CTX $\Phi$ and CTX $\Phi$	Environmental microbiology reports, USA	Wiley, 1758-2229	2/67/2010	3.29
SS Mohapatra, D Ramachandran, CK Mantri, RR Colwell, DV Singh	Determination of relationships among non-toxigenic <i>Vibrio cholerae</i> O1 biotype El Tor strains from housekeeping gene sequences and ribotype patterns	Research in microbiology, Paris	Elsevier, 0923-2508	160/57/2009	2.70
H Mohapatra, SS Mohapatra, CK Mantri, RR Colwell, DV Singh	<i>Vibrio cholerae</i> non-O1, non-O139 strains isolated before 1992 from Varanasi, India are multiple drug resistant, contain intSXT, dfr18 and aadA5 genes	Environmental microbiology, USA	Wiley, 1462-2920	10/866/2008	6.20
SS Mohapatra, D Ramachandran, CK Mantri, DV Singh	Characterization of the genetic background of <i>Vibrio cholerae</i> O1 biotype El Tor serotype Inaba strains isolated in Trivandrum, southern India	Journal of medical microbiology, UK	SGM, 0022-2615	56/260/2007	2.24
CK Mantri, SS Mohapatra, T Ramamurthy, R Ghosh, RR Colwell, DV Singh	Septaplex PCR assay for rapid identification of <i>Vibrio cholerae</i> including detection of virulence and intSXT genes	FEMS Microbiology Letters, UK	Wiley, 1574-6968	265/208/2006	2.04

#### Research Articles

--	--	--	--	--	--

Authors	Title of the Book	Title of the Article	Place of Publication	Publisher & ISBN	Page No
SS Mohapatra, I Biswas	Oral Microbial Ecology: Current Research and New Perspectives	Microbial community interactions of the cariogenic organism Streptococcus mutans	United Kingdom	Caister Academic Press, 978-1-908230-17-1	133-152
H Mohapatra, SS Mohapatra, CK Mantri, DV Singh	New Horizons in Biotechnology	Horizontal gene transfer and ICEs: a perspective with reference to SXT ICEs in Vibrio cholerae	India	Asiatech Publishing Inc, New Delhi, 8187680199	388-403

#### Research Projects

Title of Project	Completed / Ongoing	Funding Agency	As PI/CO-PI or Investigator	Amount of Grant	Duration
	completed				

Total Impact Factor as per SCI/SCOPUS	60.11
Total Impact Factor as per Google search	60.11
h-Index Factor as per SCOPUS	7
h-Index Factor as per Google search	8
i-10 Index Factor as per Google search	7

Seminars / Conferences / Workshops / Training programmes, attended	National (No.)	International (No.)	Total (No.)
	7	5	12

Seminars / Conferences / Workshops / Training programmes, organized	National (No.)	International (No.)	Total (No.)
	0	0	0

Research Guidance (No. of students guided)	M.Phil. / Equivalent (No.)	Ph.D. (No.)
Completed	0	0
Under supervision	0	0

#### Peer Recognition

Award/honours	Agency	Year
Travel Grant to attend EMBO Workshop on Stalked alpha-Proteobacteria and relatives, at Marburg, Germany	European Molecular Biology Organization (EMBO)	2014
Travel grant for 55th Wind River Conference on Prokaryotic Biology, Estes Park, USA	Wind River Conference Organisers	2011
National Scholarship	Government of India	1995

#### Referees

	Referee 1	Referee 2	Referee 3
			Dr. Indranil Biswas,

<b>Name &amp; complete postal addresses</b>	Dr. Durg V. Singh, Infectious Disease Biology, Institute of Life Sciences, Nalco Square, Bhubaneswar- 751023, India	Dr. Emanuele Biondi, LCB CNRS UMR 7283, 31 Chemin Joseph Aiguier, 13009 Marseille, France	Department of Microbiology, Molecular Genetics and Immunology, University of Kansas Medical Center, Kansas City, KS-66160, USA
<b>Email:</b>	durg.singh@gmail.com	ebiondi@imm.cnrs.fr	ibiswas@kumc.edu
<b>Phone (Landline) with STD Code:</b>	+91-674-2302754	+33-491-164-387	+1-913-588-7019
<b>Mobile Ph:</b>	0	0	0
<b>Fax:</b>	+91-674-2300728	0	+1-913-588-

#### Present Position

<b>Designation</b>	<b>Name of the University / Institution</b>	<b>Basic Pay(Rs.)</b>	<b>Grade Pay(Rs.)</b>	<b>Gross Pay / Total Salary p.m. (Rs.)</b>	<b>Increment date (Date/Month)</b>
Research Associate II	Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad	NA	NA	NA	NA

<b>Time required for joining if selected:</b>	one month
<b>Any Other Information/qualification relevant to the post applied for:</b>	
<b>Membership in Professional Bodies:</b>	yes
<b>Membership Details:</b>	1. Biotech Research Society, India (BRSI), Life Member 2. American Society for Microbiology (ASM), Annual Member Since 2009 3. American Association of Advancement of Science (AAAS), Annual Member, 2009-2015
<b>Have you ever been punished during your service or convicted by a court of law?</b>	no
<b>Do you have any case pending against you in any court of law?</b>	no
<b>Are you willing to accept the minimum initial pay in the grade?</b>	yes
<b>Total number of self-attested documents attached:</b>	35
<b>If selected how would you like to develop your Department/University and your area of interest:</b>	<p>Ever since my University days I have always been motivated for a career in academics, because it would provide me the opportunity for constant learning and sharing the knowledge with students. Therefore, I am interested for position that has scope for both teaching and research. Having spent more than ten years in academic research since my PhD followed by my postdoctoral stints abroad, now as I look forward to begin my independent academic career, Central University Punjab is an ideal place as its mission in education matches with my broader aim. With my research experience in the frontier areas of microbial research, I would like to integrate interdisciplinary areas of research into the curriculum as an Assistant Professor. Also I would like to introduce new subjects emphasizing Bacterial Signal Transduction Mechanisms, Bacterial Cell Cycle and Epigenetic regulation into the courses that has broad significance considering the continuous emergence of novel bacterial pathogens. In this regard, I have developed two research projects that would be submitted for extra-mural funding from DST-SERB as an Early Career Grant. These projects are developed focusing on finding novel antibacterial targets in the bacterial signal transduction systems and studying the role of DNA methylation in the progression of bacterial cell cycle. Both these projects have potential for translational research.</p>

#### Applicant's Name and Address for correspondence

	<b>Mailing Address</b>	<b>Permanent Address</b>
--	------------------------	--------------------------

<b>Name &amp; Complete Address with Pincode</b>	Sunhat, Badakhua Lane, Balasore- 756002, Odisha	Sunhat, Badakhua Lane, Balasore- 756002, Odisha
<b>Phone No. (landline)</b>	<b>Fax. No.</b>	
06782-250743		

Declaration:\* ☐

I, hereby declare that all the statements and entries made in this application are true, complete and correct to the best of my knowledge and belief. No information has been concealed. In the event of any information being found false or incorrect or ineligibility being detected in future at any stage, my candidature may be cancelled by the University.

The hard copy of the completed form with the required enclosures is to be sent by post.

Print

.....  
Signature

Date: .....

Place: .....