

# Curriculum Vitae



## KRISHNAPRASAD C

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PERSONAL PROFILE	Date of Birth: 21-July-1993	Email: kpchirakkil[at]gmail.com
	Nationality: Indian	Alt-Email: krishnaprasad_c[at]vssc.gov.in
	Language Proficiency: English and Malayalam	Mob: +91 9544572024 Off: +91 4712562144
INTERESTS	Space Physics, Ionospheric Physics, Martian Upper Atmosphere, Planetary Science, Astronomy	
EDUCATION	Ph.D (Physics), <i>[doing]</i> CUSAT Cochin University of Science and Technology, India (Space Physics - Martian Ionosphere) Research Guide: Dr. Smitha V. Thampi Research Centre: Space Physics Laboratory	Jun 2016 to present
	M.Sc. Physics, NIT Calicut National Institute of Technology Calicut, India	May 2015
	B.Sc. Physics, Govt. Victoria College, Palakkad University of Calicut, India (Physics with Mathematics and Chemistry)	May 2013
RESEARCH & EMPLOYMENT	JRF, SPL, VSSC, ISRO Jr. Research Fellow Ionosphere-Thermosphere-Magnetosphere-Physics Space Physics Laboratory Vikram Sarabhai Space Centre Indian Space Research Organisation Thiruvananthapuram - 695 022, India Supervisor: Dr. Smitha V. Thampi	Jun 2016 to present
	Teaching Assistant, IIT Palakkad Project Associate Department of Physics Indian Institute of Technology Palakkad, Palakkad Supervisor: Prof. S. Kasiviswanathan	Jul 2015 to Jun 2016

Visiting Student, RRI Bangalore

Jan 2015 to Jun 2015

Group of Astronomy and Astrophysics  
Raman Research Institute, Bangalore

Report Title: 1) A Critical Understanding of the Models for  
Classical Double Radio Galaxies

2) The Host Galaxy Characteristics of  
Bologna Sources Using SDSS

Supervisors: Prof. Lakshmi Saripalli & Prof. Ravi Subrahmanyan

Summer Research Fellow, IIT Madras

May 2014 to Jul 2014

Department of Physics  
Indian Institute of Technology Madras, Chennai

Report Title: Through the Realm of Groups, Space-Time and Gravity

Supervisors: Prof. Suresh Govindarajan & Prof. L. Sriramkumar

#### COMPUTER SKILLS

- Operating Systems  
Linux, Windows
- Languages and Scripts  
Python, MATLAB
- Computer Packages  
L<sup>A</sup>T<sub>E</sub>X, MS Excel, MS Word, MS PowerPoint
- Other softwares  
SPICE (NASA ancillary data toolkit)

#### PARTICIPATIONS

- Research Expedition onboard ORV Sagar Kanya (Cruise No. SK-345) from 16-Jan-2018 to 14-Feb-2018 as part of ICARB-2018 (Integrated Campaign for Aerosols, gases and Radiation Budget) experiment of ISRO-GBP over south eastern Arabian sea and equatorial Indian ocean. Jan-Feb 2018  
Installed and operated GNSS receiver for ionospheric studies.
- Space Expo as part of WSW-2017 at Nagercoil. Oct 2017
- Young Astronomers' Meet (YAM-2017) at IUCAA, Pune Sep 2017  
Talk title: Mass spectrometric studies of the response of Mars to an interplanetary coronal mass ejection.
- World Space Week 2016, VSSC-LPSC-IISU, ISRO. Oct 2016
- A National Workshop: Cosmology With The HI 21-cm Line Raman Research Institute. Jun 2015
- RRI Inhouse Meeting, Raman Research Institute. Apr 2015
- Neighbourhood Astronomy Meeting, Raman Research Institute. Mar 2015
- IAGRG 2015, Celebrating the Centenary Year of General Relativity Raman Research Institute. Mar 2015

- Winter School on Astroparticle Physics  
Cosmic Ray Laboratory of TIFR, Ooty (GRAPES-3)  
with Bose Institute, Kolkata. Dec 2014
- OPTICS'14: International Conference on Light, NIT Calicut. Mar 2014

#### AWARDS & ACHIEVEMENTS

- Junior Research Fellowship by ISRO. Jun 2016
- Qualified IGCAR written examination for JRF in Physics. Jun 2015
- Selected as Summer Research Fellow of Indian Academy of Sciences. Feb 2014
- National Institute Level Scholarship by KSWCFC. 2013-2015
- CREC Silver Jubilee Endowment Trust (SJET) Scholarship. 2013-2015
- Qualified IIT-JAM 2013. Apr 2013
- C. S. Ananthakrishna Iyer Memorial Endowment Award for B.Sc. 2012-2013
- Secured First Position in Space Physics Quiz and Space Technology Elocution conducted by GVC-PAA with IIST. Mar 2013
- Proficiency Prize for Outstanding Academic Performance in B.Sc. 2011-2012
- Kerala State Merit Scholarship by DCE. 2010-2013

#### REFERENCES

Dr. Smitha V. Thampi

Scientist SE  
ITMP, Space Physics Laboratory  
Vikram Sarabhai Space Centre  
Thiruvananthapuram

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