# RESUME

# MANJUNATHA B C Email: manjubc44@gmail.com

**PERSONAL DETAILS**

#### Name : Manjunatha B C

#### Date of Birth : 20.06.1985

**Father's Name**  : Channappa

**Mother's Name :** Sharadamma

**Sex :** Male

**ADDRESS FOR COMMUNICATION**

|  |
| --- |
| Manjunatha B C S/O Channappa  Balakunta Halli( V and Post)  Manchenahalli Via  Chickballapur (T & D)  Pin:562101  Phone: 9686354149 |

**EDUCATIONAL QUALIFICATIONS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree/Examination** | **Board/ University** | **Year of Passing** | Percentage |
| (Ph D) | Visvesvaraya Technological University | 2015 (Registered ) | - |
| M.Sc. (Nuclear Physics and particle Physics) | Bangalore University | 2008 | 68.10 |
| B.Sc. (Physics, Chemistry, Mathematics) | Bangalore University | 2006 | 67.31 |
| SSLC | Karnataka SSLC Board | 2001 | 72.16 |

**Area of Research :** Material Science.

Title of Research work : Structural, Electrical and Magnetic properties of

various substituted Hexa Ferrites at Nano level

**Research Publications :** In Reputed Journals 04

**:** In Symposia/Seminar 06

**Research Experience : 4 Years**  as **research scholar** in the Department

of Physics, S J C Institute of technology, Chickballapur 562101

**Teaching Experience : 12 Years till date**

**EXPERIENCE**

Worked as **Research Scholar** in the Department of Physics , S J C Institute of technology, Chickballapur 562101 under the guidance of Dr. K M Rajashekara. Thorough experience in the following aspects:

Synthesis of Nano Hexa ferrites by sol-gel Auto combustion Method.

* Structural Characterization by using XRD Techniques.
* Electrical Characterization by using LCR meter.
* Magnetic Characterization by using VSM.

AWARDS AND FELLOWSHIPS

Best Paper Presentation Award at the National conference on “ trends in advanced materials and their applications” held at department of studies and Research in physics , Tumakur university , Tumakuru on 30th November 2017.

LIST OF PUBLICATIONS

**Journals**

1. Manjunatha.B.C, Rajashekar.K.M, C.S.Prakash., Structural properties of Al and Cr doped M-

type Nano Hexaferrites**. *International Journal of Advanced Research Trends in Engineering***

***and Technology,* Vol 4, 212-216, 2018.**

1. Manjunatha B C, Rajashekara K M, C S Prakash., Structural properties of substituted calcium hexagonal nano ferrites, ISST Journal of Applied Physics, Vol. 9 ( 1), 13-15, 2018.

**Research papers presented in conference/Symposia /Seminars**

* Rajashekara K M, Prakash V, **Manjunatha B C** and Narayana Y. The natural radioactivity measurements in soil and Sediments by gamma ray spectrometer. IN: National workshop on Challenges in Research & Technology in the Coming Decade CRT-2013 to be held at SDMIT, Ujjire during 27.09.2013 to 28.09.2013.
* Manjunatha B C, Rajashekar.K M, C S Prakash., Study of structural properties of Aluminum and Chromium substituted Calcium Nano Hexaferrites. In: National conference on “Trends in advanced Materials and their application” (TAMA-2017) held at Tumakur University, Tumakur on 30th November 2017.
* Manjunatha.B.C, Rajashekar.K.M and C.S.Prakash., Structural behavior of M-type substituted Calcium hexaferrites at nano level. In: International conference on “Recent Advances in Materials Science and Biophysics (RAMSB)-2018” held at Department of Studies in Physics Mangalore University during January 23-25, 2018.
* Manjunatha B C, Rajashekara K M**,** C S Prakash., Morphological study of transition metal ion Substituted Calcium hexagonal nano ferrites synthesized by solution combustion method In: National Conference on Radiation Physics and its application in material science and medicine, Govt Collage for Women, Kolar during 6th April 2018.
* Manjunatha .B.Chas presented paper “Entitled study of structural properties of substituted calcium Nano hexaferrites” in international Conference on “ Innovations and challenges in Science and Technology (ICICST-2019) held during 19th- 23rd December ,2019, at Don Basco Institute of technology Bangalore
* Manjunatha .B.Chas presented paper Entitled "synthesis and characterization of hexagonal calcium aluminates” in international conference on materials for Environment , Sustainable Society and Global Empowerment-2019(Massage -2019) held during 19th- 20th December ,2019, at VTU Regional center muddenahalli, chickballapur.
* Manjunatha .B.Chas presented paper Entitled "Electrical Resistivity studies of doped chromium spinal ferrites at S J C Institute of Technology, chickballapur.

**Workshop/ Symposium/Seminar/Conference attended**

* Two days Faculty Enablement program on “Fundamentals of effective teaching” held at SJC Institute of Technology, Chickballapur on February 18 and 25, 2012.
* One day Workshop on “Research aspirants on material science and its application” held at Reva Institute of Technology on 13.10.2012
* National workshop on “Advanced Material research for Device applications” held at NMAM Institute of Technology during July 25 -26, 2013.
* One day workshop on “Principles of pedagogy for effective instructions dissemination” held at SJC Institute of Technology, Chickballapur on 19th July 2014.
* One day workshop on ‘Faculty Development Program (FDP) On “Teaching Skills in Engineering Education Institutions” held at SJC Institute of Technology, Chickballapur on 21st January 2015.
* One day workshop on “Nano materials and its characterization” held at VTU Regional office,

Bangalore on 14th Dec 2015.

* Two days Faculty Enablement program on “Engineering Pedagogy” held at SJC Institute of Technology, Chickballapur on December 15 - 16, 2016.
* Three days Faculty Development Program (FDP) on “Scientific knowledge and skill conversion training program” held at SJC Institute of Technology, Chickballapur on June 28- 30, 2017.
* Attended supporting standards of ISO 50001:2018- Empowering the energy auditors at ASHARE Region at large organizer on 07th May2020.
* Attended FDP on “contemporary Tools and Techniques for teachers and Researchers in Higher education experience of using vital class room at Cambrige IT Bangalore on 9th May2020.
* Workshop on Lesson from god in the Boardroom at ISBR College Bangalore on 05th May2020.
* Web conference on science , Engineering and Technology (IWCSET-2020) at NAGAPUR UNIVERSITY on 15TH AND 16TH May 2020.
* International webinar on Material Science (IWMS-2020) at National college Bangalore on 28 may 2020.
* ONLINE CERTIFICATE COURSE COMPLETED ON Intellectual Property rights and Innovation , the programme was conducted by Karnataka State Council for Science And Technology(KSCST)at IISc Bangalore on 29 th and 30th April 2020
* “ E-Quiz on Environmental Days at DSATM on 05TH June 2020
* Online Quize on NBA and OBE”at SJCIT on 3rd June 2020.

The above particulars furnished by me are true and correct to the best of my knowledge.

(Manjunatha B C)