

RESUME

MANJUNATHA B C

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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

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Balakunta Halli(V and Post)
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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 Rajashekar. 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 , Tumakuru 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.

2. 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.C has 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.C has 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.C has 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)