

# Curriculum Vitae

1. Name	: Anand
2. Father Name	: Rohidas
3. Mother Name	: Padmini
4. Sex	: Male
5. Date of Birth	: 1 <sup>st</sup> June 1995
6. E.mail	: anandraaz077@gmail.com
7. Phone No	: +91-8151908526
8. Marital status	: Unmarried
9. Nationality	: Indian
10. Languages known	: Kannada, English and Hindi
11. Permanent address	: Dhannura H (Post) Bhalki (Tq) Bidar- 585413 (Dt) Karnataka, India
12. Correspondence address	: K.L.E.s Basavaprabhu Kore Arts Science and Commerce College Chikodi, Belagavi – 591201



## 14. Academic Qualifications

No.	Degree	Board/ University	Percentage	Class obtained	Year of passing
1	S.S.L.C.	K.S.E.EB	49.44	Third	2010
2	P.U.C.	D.P.U.E.	63.00	First	2012
3	B.Sc.	Gulbarga University	70.00	First	2015
4	M.Sc.	Gulbarga University	65.76	First	2017
5	CSIR-NET	CSIR-MHRD	30.00	-----	2017

## 15. Specialization: Condensed Matter Physics

## **16. Title of the M.Sc Project:**

**“SYNTHESIS AND CHARACTERIZATION OF BARIUM HEXAFERRITE”**

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## **17. Abstract of the Project:**

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Barium hexagonal ferrite ( $\text{BaFe}_{12}\text{O}_{19}$ ) has been synthesized by solid state reaction method. The prepared precursor calcined at temperature  $750^{\circ}\text{C}$  and characterized by FTIR, XRD and SEM. The X-ray diffraction analysis confirms the formation of the single phase of  $\text{BaFe}_{12}\text{O}_{19}$ . The results revealed that the particle size of barium ferrite powder is less than 30nm. The FTIR spectra show the absorption peaks of hexaferrite at the range  $300\text{cm}^{-1} - 600\text{cm}^{-1}$ . The SEM images of barium hexaferrite show the grain size of about 120nm.

## **18. Teaching Experience**

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- Working as Assistant Professor at KLE's Basavaprabhu Kore Arts Science and Commerce college Chikodi, Belagavi (2019-Till Today).

## **Reference:**

Dr. M. Prashantkumar  
Associate Professor of Physics  
Department of Physics  
Government Degree College  
Gulbarga, India  
E-mail:  
Cell No. 9449732210