



Ashti Taluka Shikshan Prasarak Mandal's
Adv. B.D. HAMBARDE MAHAVIDYALAYA

Ashti, Tq. Ashti, Dist. Beed (Pin 414203) ☎ 282532, 282101

NAAC "B⁺⁺" GRADE

President Er. K.B. Hambarde

Principal Dr. S.R. Nimbore

No. ABDHMA / 2020 - 2021 / 383

Date 19/03/2024

**Number of teachers provided with financial support to attend Conference,
Seminar and Workshops by college for Academic Year 2020-21**

Sr. No.	Name of Teacher	Department	Level of Conferences, Seminars and Workshops	Fees	Sign
1	Dr. S.R. Nimbore	Physics	International Webinar	5000	
2	Dr. S. G. Gopane	Commerce	International Webinar	600	
3	Prof. J. M. Pathan	Hindi	International Webinar	500	
4	Prof. M. C. Talware	English	International Webinar	500	
5	Dr. R. T. Sontakke	Marathi	International Webinar	600	
6	Prof. D. P. Mundhe	Sociology	International Webinar	500	
7	Dr. A. B. Shinde	English	International Webinar	600	
8	Prof. S. M. Khude	Hindi	International Webinar	500	
9	Dr. S. A. Mutkule	Librarian	International Webinar	500	
10	Dr. S. A. Wangujare	Physical Education	International Webinar	500	
11	Dr. B. S. Waghmare	Public Administration	International Webinar	600	



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Date 19 / 03 / 2021

12	Dr. S. M. Wandhare	History	International Webinar	600	
13	Dr. B. N. Mutkule	Commerce	International Webinar	500	
14	Prof. N. N. Nanwate	Economics	International Webinar	500	
15	Dr. M. K. Shirsath	Commerce	International Webinar	600	
16	Dr. R. S. Satbhai	History	International Webinar	600	
17	Prof. R. E. Bharudkar	Political Science	International Webinar	600	
			Total Rs.	13800	

Principal

Adv. B.D. Hambarde Mahavidyalaya
Ashti, Tal. Ashti, Dist. Beed



KOTECHA & CO.

PROP. KALYAN N. KOTECHA,
CHARTERED ACCOUNTANT,
SUBHASH ROAD, BEED-431 122.

PHONE NO. (02442) 222567

MOBILE NO. 9422242811

AUDIT OBSERVATION

To,
The Principal,
Adv. B.D. Hambarde Mahavidyalay
(Senior College), Ashti.
Tq. Ashti Dist. Beed.

Subject :- Audit of the accounts of Adv. B.D. Hambarde Mahavidyalay (Senior College), Ashti, Tq. Ashti, Dist. Beed. for the year ended on 31st March 2021.

Dear Sir/Madam,

We have duly completed the audit of account of your **Adv. B.D. Hambarde Mahavidyalay (Senior College), Ashti Tq. Ashti Dist. Beed** for the year ended on **31st March 2021** and have great pleasure in enclosing herewith the financial statements i.e. Balance Sheet, Income and Expenditure Account & Receipt and Payment Accounts and necessary Annexure thereof for the period under audit. We have to observe with respect to the above audit as under.

1) MAINTENANCE OF THE RECORD :

The books of account and other records of the college were found satisfactory. All the payments vouchers with some exception, Bank transaction etc. have found correct and they are duly tallying with the books of accounts.

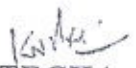
2) GENERAL :

Our thanks are due to the Principal of the college & the office staff for giving us excellent cooperation during the conduct of our audit and assuring you of our best services and prompt attention at all times in future.

Yours Faithfully,

Place : Beed.
Dated: 25/07/2021.


Principal
Adv.B.D.Hambarde Mahavidyalaya
Ashti, Tal. Ashti, Dist. Beed


KALYAN N. KOTECHA,
KOTECHA & CO.,
Chartered Accountants,
Beed.

RECEIPTS		RS. PS.	RS. PS.	PAYMENT		RS. PS.	RS. PS.
Balance B/F			32919884.70	Balance B/F			0.00
To. 7)	OTHER MISC. RECEIPTS OF THE MAINTENANCE OF THE COLLEGE			By. 10)	EQUIPMENTS		
a)	Any charges collected from the students for special services (i.e. Cycle stand char.)			a)	Replacement & Purchase of Furniture & dead stock	158520.00	
b)	Fees for Extra cultural activities (college excursions, tours etc.)			b)	Xerox Machine Purchase	395000.00	
1)	Students association a forum	0.00		c)	Purchase of Tea & Coffee Machine	15000.00	
2)	Magazine	22495.00		d)	TIN Shed, Stage & Washroom Exp.	1081945.00	
3)	Gathering	0.00		e)	Library Equipments	7722.00	
4)	Gymkhana	23429.00		f)	Web Camera	0.00	
5)	Cultural activities	0.00					1658187.00
c)	Any other Misc. Receipt for the maintenance of the college.			By. 11)	CURRENT LABORATORY EXP.		
1)	Cost of Materials	0.00		a)	Chemistry Lab.	0.00	
2)	Youth Festival Fees	0.00		b)	Physics Lab.	0.00	
3)	Medical Fees	0.00		c)	Zoology Lab.	0.00	
4)	Research Development Fees	13000.00		d)	Musical Lab.	0.00	
5)	Stud. Insurance Fees	5465.00					0.00
6)	Cycle Stand Fees	0.00		By. 12)	CAPITAL EXPENSES :-		
7)	Study Tour Fees	38610.00		a)	Const. of Lab. Build (UGC. 8th plan)	0.00	
8)	Sale of Prospectus	0.00		b)	Electric Installation	0.00	
9)	Identify cards	5840.50					0.00
10)	Conference & Seminar Fees	0.00		By. 13)	EXTRA CULTURAL ACTI. :-		
11)	Sale of Raddi	0.00			(i.e. annual social gatering college excursions & tours etc. to be shown separately by neads)		
12)	College Exam Fees	0.00		a)	Gathering	0.00	
13)	Institute Maintenance Charges Recd.	35530.00		b)	Prospectus	0.00	
14)	Misc. Fees	0.00		c)	Function & Festival Exp.	3400.00	
15)	Xerox Income	0.00		d)	Conference & Seminar Exp.	13800.00	
16)	Other Fees	10952.50		e)	Harbisites Exp. (Tannashak)	1750.00	
17)	Bank Interest	0.00		f)	Typing Exam. Center Charges	0.00	
			155322.00	g)	Online Faculty Dev. Parti. Fees	12000.00	
	TOTAL RECURRING RECEIPTS :- NON RECURRING OR INDIRECT RECEIPTS		33075206.70	h)	Student Associate Exp.	15275.00	
				i)	Univ. Exam. Centre Exp.	0.00	
To. 8)	BUILDING GRANTS :			j)	Magazine Exp.	100.00	
a)	UGC Const. of Class Room under 7th plant Grant	0.00		k)	Gymkhana	7900.00	
b)	UGC Grant 8th plan (Const. of Library Buld.)	0.00		l)	Online National Seminar Exp.	3570.00	
			0.00	m)	IQAC Certi. 40 Days Online Workshop Exp.	3600.00	
To. 9)	EQUIPMENT GRANTS :			n)	Marathi Online Seminar Exp.	5966.00	
a)	UGC Grant for establishment of internet facility	0.00		o)	English Quiz Online Exam. Exp.	1000.00	
b)	10 th plan U.G.C. grant for	0.00		p)	Online Covid-19 Quiz Exp.	1000.00	
c)	Books Journals & Equipments	0.00		q)	3 Days History Seminar Exp.	124000.00	
			0.00	r)	State Level 1Day Online Workshop	2350.00	
				s)	Student Welfare Exp.	10050.00	
				t)	Stud. Youth festival	0.00	
							205761.00
				By. 14)	SCHOLARSHIP & PRIZES :-		
				a)	G.O.I. Scholarship to senior College	0.00	
				b)	G.O.I. Scholarship from Junior College	0.00	
				c)	G.O.I. Scholarship from MCVC Std.	0.00	
				d)	G.O.I. Stud. Excess Fees	0.00	
							0.00
	Balance C/F		0.00		Balance C/F		1863948.00

CONTD...4


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Adv.B.D.Hambarde Mahavidyalaya
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PAPER • OPEN ACCESS

Low-temperature synthesis, structural characteristic of magnesium ferrite

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spinel ferrite [6], garnet [7] and hexagonal ferrite [8]. They can be easily synthesised by various preparative techniques like ceramic [9], chemical co-precipitation [10], hydrothermal [11], sol-gel [12] etc.. Currently, nanocrystalline spinel ferrite [13] has attracted the attention of various researchers due to their nanoscale dimensions [14], high chemical stability [15], and large surface to volume ratio [16], better homogeneity and easy preparation [17]. The nanocrystalline spinel ferrite finds application in the field of sensors [18], catalyst [19], drug delivery [20], water purification [21]. The spinel ferrites are characterised by the formula $MgFe_2O_4$ in which M represent divalent metal ion like Mg^{2+} , Co^{2+} , Ni^{2+} , Zn^{2+} , Fe^{2+} , Mn^{2+} , etc. The structure of spinel ferrite is cubic spinel which space group fd_3m . The spinel lattice consists of two sites i.e. tetrahedral (A)-site and octahedral [B]-site. These two sites can occupy cations of different size elements bringing wide variation in electrical and magnetic properties. The synthesis method also plays an important role in governing the properties of spinel ferrite. The wet chemical methods in particular sol-gel auto-combustion method are a unique method which possess nanoscale powder of high quality. Among the various spinel ferrite, magnesium ferrite $MgFe_2O_4$ [22] is a well-known ferrite and is rarely studied. It possesses partially inverse structure which depends on synthesis method and synthesis conditions. In the literature very few reports are available for the synthesis and characterisation of $MgFe_2O_4$ [23]. Considering the importance of $MgFe_2O_4$ in various technological applications, it was decided to study the nanocrystalline magnesium ferrite and to evaluate their structural properties. In this paper we report our results on the synthesis and structural characterizations of magnesium ferrite.

2. Experimental

2.1 Raw Materials

Nanocrystalline spinel structured Mg-ferrite ($MgFe_2O_4$) has been prepared by sol-gel auto-combustion method using citric acid as a fuel. AR grade magnesium nitrate ($Mg(NO_3)_2$), ferric nitrate ($Fe(NO_3)_3 \cdot 9H_2O$) and citric acid ($C_6H_8O_7$) were used for the synthesis. As a part of synthesis method, an anhydrous Ammonia compound of nitrogen and hydrogen with the formula NH_3 was considered for maintaining pH of the solution.

2.2 Synthesis Method

In this wet chemical particular sol-gel auto-combustion method, metal nitrate to citric acid ratio was taken as 1:3. This was done by mixing of ($Mg(NO_3)_2$) granules in to double distilled water and clear solution of magnesium nitrate was formed. Similarly, ($Fe(NO_3)_3 \cdot 9H_2O$) granules was mixed in a double distilled water and second solution of ferric nitrate was obtained. Citric acid [24] was formed by adding the ($C_6H_8O_7$) granules in double distilled water and we consider this as a fuel for the sol-gel auto-combustion reaction. Ferric nitrate and magnesium nitrate solutions were mixed together and a third solution of citric acid was added in proportion maintaining metal nitrate to fuel ratio of 1:3. The mixed solution was stirred and heated continuously on hot-plate magnetic stirrer at $70^\circ C$ for the slow evaporation of excess water, which makes the proper reaction to be done within the mixed solution state. Meanwhile, Ammonia [25] was used to maintain the pH of the solution at 8, and it was added drop by drop with the help of burette in the mixed solution placed on hot-plate magnetic stirrer. Over the constant stirring and heating, the transparent sol was obtained which was further heated to $110^\circ C$ for accelerating the chemical reaction within the metal nitrates. The concluding part of the sol-gel takes place at a particular temperature and citrate-nitrate gel reaction takes place. An auto-combustion starts with a final ignition state and a dry-gel form of all constituents starts burning by itself. This will give us a powder form of Mg-ferrite which was characterised thereafter.

$$t = \frac{\kappa\lambda}{\beta\cos\theta} \quad (1)$$

The crystallite size (t) of magnesium ferrite (MgFe_2O_4) sample was found to be 22 nanometre, thus confirming the nanocrystalline nature.

4.3 Lattice constant (a) Å

The lattice constant (a) of MgFe_2O_4 was calculated by the following relation in eq. [22];

$$a = d_{hkl}(h^2 + k^2 + l^2)^{\frac{1}{2}} \quad (2)$$

The lattice constant (a) was obtained to be 8.341 Å, which is in good agreement with the literature value.

Table 2. lattice parameter a (Å), X-ray density d_x (g/cm^3), Volume V , and molecular weight gm/mol of nanocrystalline MgFe_2O_4

Composition x	a (Å)	d_x (g/cm^3)	V (Å ³)	Mol. Wt. gm/mol
0.0	8.3413	4.5770	580.4	199.9590

4.4 X-ray density (d_x)

The X-ray density (d_x) was calculated by the following relation (3) [29] the X-ray density was obtained to be 4.577 (g/cm^3). The values of crystallite size lattice constant, unit cell volume and X-ray density are listed in table 2.

$$d_x = \frac{8M}{Na^3} \quad (3)$$

4.5 Hopping Length (L_A ; L_B)

The hopping length (L_A ; L_B) for the present MgFe_2O_4 samples was calculated by using the following relations [30].

$$L_A = a_0 \frac{\sqrt{3}}{4} \quad (4)$$

$$L_B = a_0 \frac{\sqrt{2}}{4} \quad (5)$$

4.6 Tetra edge (D_{AXE}) and octa edge (D_{BXE})

The values of (L_A ; L_B) are listed in table 3. The other structural parameters like tetrahedral bonds D_{AL} octahedral bond D_{BL} , tetra edge D_{AXE} and octa edge D_{BXE} was calculated by the following relations [31], and their values are given in table 3.

$$d_{AX} = a\sqrt{3}u \left(u - \frac{1}{4}\right) \quad (6)$$

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PAPER • OPEN ACCESS

Studies on Synthesis and Structural Properties of Nickel Ferrite before and after Gamma Irradiation

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The development of nanoscience and nanotechnology leads us to deal with and fabricating the material at nanoscale for a particular application. The unique characteristics of nanostructured materials are imported due to their changed electronic structure, close to that of an isolated atom or molecule [3]. Modifications and improvements of these materials are important to adjust the performance and efficiency of the different devices that use them. In recent times, in order to study the effect of irradiation on the properties of ferrite materials, fast heavy ions, laser beams, and gamma rays have been used [7]. Irradiation can be an effective tool to enhance crystal defects and adjust the properties of ferrite (soft and hard magnetic) in a controlled manner. A lot of scientific focus is thus given to the gamma-irradiation caused by the formation and alteration of defects leading to tunable structural and magnetic properties of ferrites. Radiation energy such as gamma rays interacts with materials (atomic electrons and atomic nuclei) [8, 9]. These interactions result in the scattering of particles, the excitation of electrons and vibrations (thermal), and the ionization of atoms, which usually cause interference in the material structure. This in turn modifies the material's electrical and magnetic properties [10, 11]. These improvements can be due to the breakage of ferrimagnetic ordering, surface-state pinning, and cation inversion, etc. Such modifications are quantitatively functions of the dose intensity of irradiation, dose duration, dose absorbed by the materials and quality of the target materials, etc [12, 13].

In the present study, we have carried out the synthesis of nickel ferrite by the sol-gel auto combustion method and irradiated with gamma-ray to understand the effect of gamma radiation on the structural properties of nickel ferrite.

2 Experimental

2.1 Materials

Synthesis of nickel ferrite was carried out by using chemicals such as ferric nitrate ($\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$) nickel nitrate ($\text{Ni}(\text{NO}_3)_2 \cdot 6\text{H}_2\text{O}$), citric acid ($\text{C}_6\text{H}_8\text{O}_7$), ammonia (NH_3), and distilled water. All the chemicals were used without further purification.

2.2 Preparation of nickel ferrite

The nickel ferrite nanopowder was prepared by using a cost-effective safe sol-gel auto combustion technique. To obtain better combustion citric acid was used as a chelating agent. The detailed procedure of sol-gel auto combustion is explained in our earlier reports [14, 15] The prepared fluffy powder was sintered at temperature 550 °C for 4 h using a muffle furnace to get a better crystalline nature and purity.

2.3 Characterization

The synthesized nickel ferrite samples were characterized by X-ray diffraction (XRD) technology to identify the crystalline phase. The Bruker D-8 X-ray diffractometer has a (2θ) angle range of 20-80°.

Results and Discussions

2.4 X-ray Diffraction

The X-ray diffraction pattern of nickel ferrite synthesized by the sol-gel auto-combustion method recorded at room temperature in 2θ range from 20-80° showed in figure 1. The values of the lattice parameter of the prepared sample calculated by using the following relation [16, 17].

$$a = d_{hkl} \sqrt{h^2 + k^2 + l^2}$$

Where d is the interplanar spacing of two planes, 'a' is the lattice constant, and (hkl) is the miller indices. It revealed that the lattice parameter decreases after irradiation and caused increase in X-ray density.

$$d_B = \frac{m}{V}$$

Where, m is the mass and V is the volume ($\pi r^2 h$) of pallets. The obtained XRD patterns revealed the formation of the cubic spinel structure with Fd-3m space group. There is no impurity peak observed in the XRD pattern. The crystallite size of nickel ferrite before and after irradiation was found to be 21 nm and 19 nm respectively, which is calculated by using Debye-Scherrer's formula [18],

4. Conclusions

Nanostructured nickel ferrite sample was successfully prepared by the sol-gel auto-combustion method. The prepared ferrite sample was irradiated by ^{60}Co gamma-ray source. The XRD patterns confirmed the formation of cubic spinel ferrite with the Fd3m space group. The lattice parameter and crystallite size decreases after gamma irradiation.

Acknowledgement

One of the authors Kalunge, is thankful to Punyashlok Ahilyadevi Holkar University, Solapur for XRD facility and Government Institute of Science, Aurangabad for gamma irradiation facility.

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Structural and dielectric properties of mixed spinel ferrite $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ nanoparticles

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storage devices [8, 9] etc. These materials are continuously studied from last 7-8 decades because of their excellent twin properties of electrical insulator and magnetic conductor which can be improved by several ways. One of the important parameter for generating variations in the physical properties of the ferrite is the selection of synthesis method. Earlier, Ferrites were synthesized by ceramic technique [10], it has some inherent drawbacks. Some of the drawbacks are it requires high temperature, extended synthesis time and lack of technological approach. The drawbacks of ceramic method are overcomes with the help of wet chemical synthesis method. Some of the wet chemical method are sol-gel method [11, 12], sol-gel auto-combustion, co-precipitation [13, 14], micro-emulsion [15], hydrothermal [16] etc. All the wet chemical methods are advantages over the conventional ceramic method as they required low temperature for synthesis; the method yields high quality homogeneous powder. This method is simple and cost effective [17, 18], also this method requires least time as compared to the conventional ceramic method. This wet chemical method has gained an importance in the recent years. In this work, we have used the sol-gel auto combustion method for the synthesis of mixed $\text{Cu}_{(0.7)}\text{Zn}_{(0.3)}\text{Fe}_2\text{O}_4$ (CZK_7). Spinel ferrite with the chemical formula MFe_2O_4 (M = divalent cations like Cu, Zn, Co, Mn, Fe etc.) have cubic spinel structure with a space group Fd_3m [19, 20]. The spinel ferrite possesses two interstitial sites namely tetrahedral (A) and octahedral (B), in which contains of different valence and size can accommodate at appropriate site. Copper ferrite is a unique spinel ferrite and has tetragonal as well as cubic spinel structure dependently on the synthesis methods and conditions. Zinc (Zn^{2+}) is a divalent nonmagnetic cation can easily be incorporated in the lattice of copper ferrite. Thus, the mixed Cu-Zn spinel ferrite with the formula $\text{Cu}_{(0.7)}\text{Zn}_{(0.3)}\text{Fe}_2\text{O}_4$ (CZK_7) was prepared in the present study by well-known wet chemical method. The structural and dielectric properties were investigated by means of X-Ray diffraction and LCR-Q meter. The applied characterization techniques, structural and dielectric properties of $\text{Cu}_{(0.7)}\text{Zn}_{(0.3)}\text{Fe}_2\text{O}_4$ (CZK_7) ferrite nanoparticles are reported in this communication.

2. Experimental

2.1 Raw Materials

$\text{Cu}_{(0.7)}\text{Zn}_{(0.3)}\text{Fe}_2\text{O}_4$ (CZK_7) spinel ferrite nanoparticles have been prepared by sol-gel auto-combustion method in order to achieve homogeneous crystal structure. A stoichiometric proportion of metal nitrate solutions were used as a synthesis protocol. The purity, chemical strength and brand trust of these materials was checked for the laboratory synthesis of $\text{Cu}_{(0.7)}\text{Zn}_{(0.3)}\text{Fe}_2\text{O}_4$ (CZK_7) spinel ferrite nanoparticles. 99.9% pure AR graded ferric nitrate ($\text{Fe}(\text{NO}_3)_3 \cdot 9\text{H}_2\text{O}$) [21], copper nitrate ($\text{Cu}(\text{NO}_3)_2$) [22] and zinc nitrate ($\text{Zn}(\text{NO}_3)_2$) [23] was taken as a starting material for the present synthesis. Fuel plays an important role in sol-gel auto-combustion method, so we used citric acid ($\text{C}_6\text{H}_8\text{O}_7$) [24] as a fuel due to its wonderful complexing ability. Citric acid also has a low ignition temperature (200°C - 250°C) than that of the other fuels used in wet chemical methods

2.2 Synthesis Method

Beginning with the starting materials, metal nitrate to citric acid ratio was taken as 1:3 for the synthesis of $\text{Cu}_{(0.7)}\text{Zn}_{(0.3)}\text{Fe}_2\text{O}_4$ (CZK_7) spinel ferrite nanoparticles. The metal nitrates were stirred well with a drop by drop addition of liquid ammonium hydroxide (NH_4OH). An addition of ammonium hydroxide in metal nitrates helps to maintain the pH of the solution at 8. The mixed metal nitrate solution was stirred continuously and heated at 75°C on a hot plate magnetic stirrer for 4 to 5 h. This step would helpful for the formation of sol in the reaction. Under the constant stirring and heating a transparent sol was heated at 100°C for 1.5 h. On removal of water at some extend, small increase in temperature leads the reaction from transparent sol to a viscous brown gel. This viscous brown gel further transformed into a dried gel. Further, nitrate-citrate gel reaction takes place to dried gel formation which exhibited self-propagating combustion behaviour. At a particular temperature

The lattice constant of $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ (CZK_7) spinel ferrite nanoparticles was calculated from the formula [26];

$$a = d_{hkl}(h^2 + k^2 + l^2)^{\frac{1}{2}} \quad (1)$$

Where, d is interplanner spacing, hkl are the Miller indices and a is lattice constant. From the XRD data (FWHM of strongest Bragg's reflection (311) oriented at $2\theta = 35.418^\circ$) was considered to calculate crystallite size (t) using Scherrer's formula [27];

$$t = \frac{\kappa\lambda}{\beta\cos\theta} \quad (2)$$

Where, K is a shape factor = 0.9, $\lambda=1.5405 \text{ \AA}$, θ is the Bragg's diffraction angle and β is the FWHM of the broadening of diffraction line (in radian).

Table 1. Bragg's angle (2θ), $\sin\theta$, interplanar space (d), Miller Indices (hkl) and lattice constant (a)

(hkl)	2θ	θ	$\sin\theta$	d_x (g/cm^3)	a (\AA)
(111)	18.218	9.109	0.1583	4.8656	8.4274
(220)	30.057	15.0285	0.2707	2.9706	8.9355
(311)	35.418	17.709	0.3041	2.5323	8.3890
(222)	38.669	19.3345	0.3310	2.3266	8.0595
(400)	43.101	21.5505	0.3673	2.0970	8.3880
(422)	53.442	26.721	0.4496	1.7131	8.3924
(511)	56.942	28.471	0.4767	1.6158	8.3959
(440)	62.506	31.253	0.5188	1.4847	8.3987

The X-ray density of $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ (CZK_7) ferrite nanoparticles was calculated by;

$$d_x = \frac{8M}{Na^3} \quad (3)$$

Here 8 is a number of molecules for unit cell of spinel lattice, M is a Molecular weight in gram mole of the spinel and $N = \text{Avogadro number}$. The values of lattice constant, unit cell volume, X-ray density, and crystallite size were listed in table 2.

Table 2. Values of lattice constant (a), unit cell volume (V), X-ray density (d_x), crystallite size (t).

a (\AA)	V (\AA^3)	d_x (g/cm^3)	t (nm)
8.422	597.53	5.330	24.17

It is evident from table 2 that, the lattice constant was found to be increased when zinc is doped in copper ferrite. The increase in lattice constant can be attributed to the larger ionic radius of Zn^{2+} ion (0.082 nm) which replaces a smaller Fe^{3+} ion (0.067 nm) [28]. The value of crystallite size (t) indicates the nanocrystalline nature of the prepared samples. Our results on lattice constant and other structural parameters are in a good agreement with the reported values [15].

4.2 Dielectric properties

The dielectric properties are studied by means of LCR Q meter and as a function of frequency at room temperature. The dielectric behavior of $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ (CZK_7) ferrite nanoparticles can be

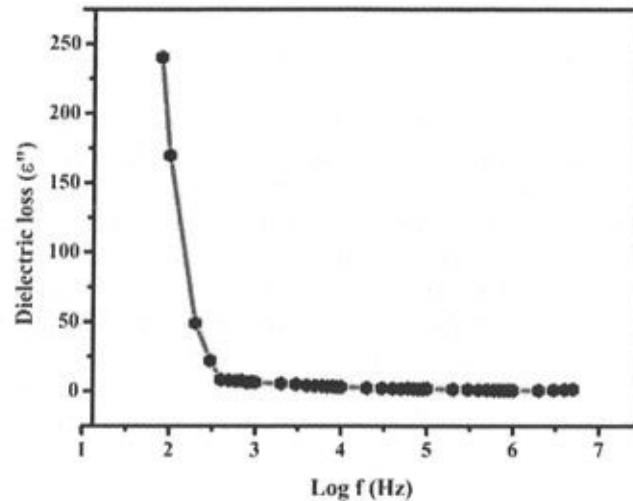


Figure 3. Dielectric loss (ϵ'') of $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ (CZK_7) spinel ferrite nanoparticles

At lower frequency the dielectric loss is maximum and at higher frequency the dielectric loss was recorded to be minimum which can be seen in figure 3.

4.2.3 Dielectric loss tangent (δ)

Figure 4 represents the frequency dependent dielectric loss tangent ($\tan \delta$) plot for mixed $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ (CZK_7) ferrite nanoparticles. Dielectric loss tangent plot exhibits similar nature as that of the dielectric constant (ϵ').

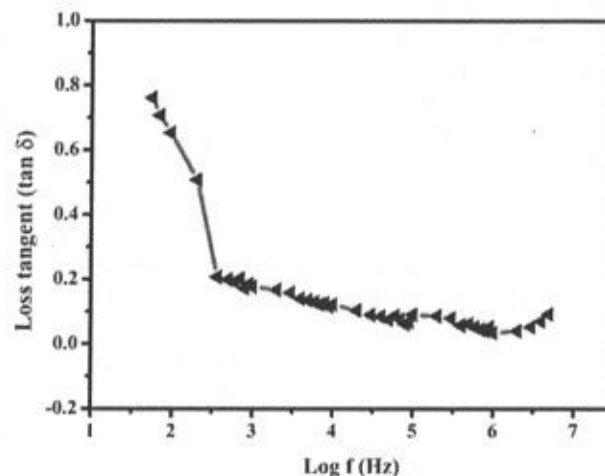


Figure 4. Dielectric loss tangent (δ) of $\text{Cu}_{0.7}\text{Zn}_{0.3}\text{Fe}_2\text{O}_4$ (CZK_7) spinel ferrite nanoparticles

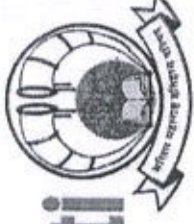
Here, the dielectric loss tangent (δ) decreases with increase in frequency. At higher frequencies the dielectric loss tangent is minimum and at low frequencies the dielectric loss tangent (δ) was found to be maximum.

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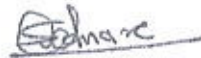
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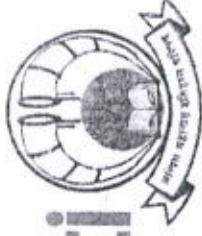

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His/Her research paper with title Government Schemes and Rural Development

was published online in B Aadhar, a peer-reviewed, indexed, multidisciplinary international research journal.
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Dr. Satish Kadam
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His/Her research paper with title भारतीय इतिहासातील प्रभोधन चळवळीचे महत्त्व

was published online in B Aadhar, a peer-reviewed, indexed, multidisciplinary international research journal.
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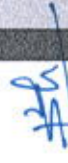
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Secretary, AMIP

Dr. Ravi Sathbhai
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Local Secretary, AMIP

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ARTS, COMMERCE & SCIENCE COLLEGE, ASHTI

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e-mail - acca_123@rediffmail.com Website : www.acscashti.com (ISO-9001-2015)



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Principal Dr. S. R. Nimbore

No. ACCA / 2019-2020 / 926

Date 18 / 03 / 2020

**Number of teachers provided with financial support to attend Conference,
Seminar and Workshops for Academic Year 2019-20**

Sr. No.	Name of Teacher	Department	Level of Conferences, Seminars and Workshops	Fees
1	Dr. S.R. Nimbore	Physics	National Conference	4000
2	Dr. S. G. Gopane	Commerce	National Seminar	800
3	Prof. J. M. Pathan	Hindi	National Seminar	800
4	Prof. M. C. Talware	English	National Seminar	800
5	Dr. R. T. Sontakke	Marathi	National Seminar	800
6	Prof. D. P. Mundhe	Sociology	National Seminar	800
7	Dr. A. B. Shinde	English	National Seminar	800
8	Prof. S. M. Khude	Hindi	National Seminar	800
9	Dr. S. A. Mutkule	Librarian	International Conference	2000
10	Dr. S. A. Wangujare	Physical Education	International Conference	5050
11	Dr. B. S. Waghmare	Public Administration	National Seminar	800
12	Dr. S. M. Wandhare	History	National Seminar	800
13	Dr. B. N. Mutkule	Commerce	National Conference	1000

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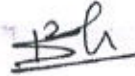
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Date / /201

14	Prof. N. N. Nanwate	Economics	National Workshop	200
15	Dr. M. K. Shirsath	Commerce	National Seminar	800
16	Dr. R. S. Satbhai	History	National Seminar	800
17	Prof. R. E. Bharudkar	Political Science	National Seminar	800
			Total Rs.	21850


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4	Prof. M. C. Talware	English	National Seminar	800
5	Dr. R. T. Sontakke	Marathi	National Seminar	800
6	Prof. D. P. Mundhe	Sociology	National Seminar	800
7	Dr. A. B. Shinde	English	National Seminar	800
8	Prof. S. M. Khude	Hindi	National Seminar	800
9	Dr. S. A. Mutkule	Librarian	International Conference	2000
10	Dr. S. A. Wangujare	Physical Education	International Conference	5050
11	Dr. B. S. Waghmare	Public Administration	National Seminar	800
12	Dr. S. M. Wandhare	History	National Seminar	800
13	Dr. B. N. Mutkule	Commerce	National Conference	1000

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PROP. KALYAN N. KOTECHA,
CHARTERED ACCOUNTANT,
SUBHASH ROAD, BEED-431 122.

PHONE NO. (02442) 222567

MOBILE NO. 9422242811

AUDIT OBSERVATION

To,
The Principal,
Senior College of Arts, Science And
Commerce, Ashti.
Tq. Ashti Dist. Beed.

Subject :- Audit of the accounts of Senior College of Arts, Science and Commerce, Ashti, Tq. Ashti Dist. Beed. for the year ended on 31st March 2020.

Dear Sir/Madam,

We have duly completed the audit of account of your **Arts, Science And Commerce College, Ashti Tq. Ashti Dist. Beed** for the year ended on **31st March 2020** and have great pleasure in enclosing herewith the financial statements i.e. Balance Sheet, Income and Expenditure Account & Receipt and Payment Accounts and necessary Annexure thereof for the period under audit. We have to observe with respect to the above audit as under.

1) MAINTENANCE OF THE RECORD :

The books of account and other records of the college were found satisfactory. All the payments vouchers with some exception, Bank transaction etc. have found correct and they are duly tallying with the books of accounts.

2) GENERAL :

Our thanks are due to the Principal of the college & the office staff for giving us excellent cooperation during the conduct of our audit and assuring you of our best services and prompt attention at all times in future.

Yours Faithfully,

Place : Beed.

Dated: 15/06/2020

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Arts, Commerce & Science

College, Ashti Tal. Ashti Dist. Beed



KALYAN N. KOTECHA,
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RECURRING RECEIPTS :- NON RECURRING OR INDIRECT RECEIPTS		RECURRING RECEIPTS		NON RECURRING RECEIPTS	
Any charges collected from the students for special services (i.e. Cycle stand chair)					
b) Fees for Extra cultural activities (college excursions, tours etc.)					
1) Students association forum	0.00				
2) Magazine	22125.00				
3) Gathering	0.00				
4) Gymkhana	15714.00				
5) Cultural activities	24038.00				
c) Any other Misc. Receipt for the maintenance of the college					
1) Cost of Materials	0.00				
2) Youth Festival Fees	0.00				
3) Medical Fees	6255.00				
4) NAAC Seminar Registration Fees	21300.00				
5) National Workshop on IPR Regi. Fees	800.00				
6) Women's Seminar Delhi Regi. Fees	33504.00				
7) Stud. Insurance Fees	4480.00				
8) Cycle Stand Fees	200.00				
9) Study Tour Fees	40620.00				
10) Sale of Prospectus	0.00				
11) Identify cards	5200.00				
12) Conference & Seminar Fees	52150.00				
13) Sale of Raddi	3240.00				
14) College Exam Fees	0.00				
15) Institute Maintenance Charges Recd.	41150.00				
16) Misc. Fees	0.00				
17) Xerox Income	730.00				
18) Bank Interest	0.00				
			281689.00		
TOTAL RECURRING RECEIPTS :- NON RECURRING OR INDIRECT RECEIPTS			31805781.03		
To 8) BUILDING GRANTS :-					
a) UGC Const. of Class Room under 7th plant Grant	0.00				
b) UGC Grant 8th plan (Const. of Library Build)	0.00				
			0.00		
To 9) EQUIPMENT GRANTS :-					
a) UGC Grant for establishment of internet facility	0.00				
b) 10th plan U.G.C. grant for	0.00				
c) Books Journals & Equipments	0.00				
			0.00		
			0.00		
Balance C/F			0.00	Balance C/F	1242324.00
By 11) CURRENT LABORATORY EXP.					
a) Chemistry Lab			0.00		
b) Physics Lab			0.00		
c) Zoology Lab			0.00		
d) Musical Lab			0.00		
					0.00
By 12) CAPITAL EXPENSES :-					
a) Const. of Lab. Build (UGC, 8th plan)			0.00		
b) Electric Installation			0.00		
					0.00
By 13) EXTRA CULTURAL ACTL :- (i.e. annual social gathering college excursions & tours etc. to be shown separately by needs)					
a) Gathering			63688.00		
b) Prospectus			0.00		
c) Women's Seminar Delhi Exp.			312600.00		
d) Cultural Activity Exp.			0.00		
e) Conference & Seminar Exp.			21850.00		
f) Unnat Bharat Abhiyan Exp.			50000.00		
g) National NAAC Seminar Exp.			167233.00		
h) Women's Digital Awareness Workshop Exp			50000.00		
i) Typing Exam. Center Charges			19500.00		
j) National Seminar Economics			19160.00		
k) Student Associate Exp.			28856.00		
l) Univ. Exam. Centre Exp.			168488.00		
m) Magazine Exp.			3150.00		
n) Gymkhana			99427.00		
o) Student Welfare Exp.			0.00		
p) Stud. Youth festival			10142.00		
					1014094.00
By 14) SCHOLARSHIP & PRIZES :-					
a) G.O.I Scholarship to senior College			0.00		
b) G.O.I Scholarship from Junior College			0.00		
c) G.O.I. Scholarship from MCVV Std			0.00		
d) G.O.I. Stud. Excess Fees			0.00		
					0.00

CONTD...4


PRINCIPAL
 Arts, Commerce & Science
 College, Ashif (Beed) (M.S.)

Association of Indian College Principals



21st National Conference : AICP - 2020

6 7 8 February 2020, Nagpur

Registration Receipt

157

Received with thanks from: Dr. Sojan R. Nimbare
The sum of Rupees: Two thousand only (2000/-)
_____ by Cash / Cheque.

Payment of form No: P-198 Date: 6/2/2020

www.aicp2020.in | aicp2020.nagpur@gmail.com


Receiver's Signature


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed.



21st Annual National Conference of Association of Indian College Principals



AICP 2020

6 7 8 February, 2020

Certificate Of Participation

This is to certify that Prof / Dr. **Dr. Nimbare Sopan Raosaheb**

Adv. B.D. Hambarde Mahavidyalaya, Ashti, Tal. Ashti, Dist. Beed

Participated in the National Conference held on 6, 7, 8 February, 2020 on the topic
Advancing Higher Education for Global India at Suresh Bhatt Sabhagraha, Nagpur.

to She has presented a paper titled,

R.K. Mahajan

Dr. R. K. Mahajan
President

Association of Indian College Principals

S.M. Vakil

Dr. Sanjay Vakil
Secretary General

Association of Indian College Principals

Akhilesh V. Peshwe

Dr. Akhilesh V. Peshwe
Principal

Dharampeth M.P. Deo Memorial
Science College, Nagpur

Ramkrishna Tale

Dr. Ramkrishna Tale
Principal

Bar. Sheshrao Wankhede
Arts and Commerce College,
Khaperkheda, Nagpur

D.V. Naik

PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Dr. D.V. Naik
Principal

Dr. M.K. Umathe College,
Nagpur



Anand Charitable Sanstha Ashti's
ANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ. ASHTI. DIST. BEED -414202 (Maharashtra)

Re-accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th & 21st December, 2019

No. 11

Date. 20.12.19

Received Rs. 800/-

In words: eight hundred only

From Prof./Dr. Gopone Subhas Ganpat

College: Adv. B.D. Hambarde college Ashti

As registration fees for the seminar

Thanks...


Signature of the Receiver


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA

Tq. Ashti. Dist. Beed - 414202 (MS)



Organized

ISO 9001:2015 Certified.

NAAC 'A' Grade (3.11 CGPA)



National Seminar

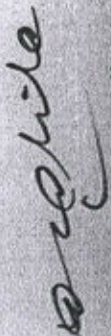
On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ M/s. Gopane S. G......of
Adv. B. D. Hambarde College, Ashti.....has participated / presented a paper entitled
Impact of New Guideline of NAAC on Educational Institute
in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework
and Quality Improvement Strategies in Higher Education organized by IQAC, Anand Rao Dhonde Alias
Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).


PRINCIPAL
Arts, Commerce & Science
College, Ashti, Tal. Ashti, Dist. Beed
Dr. B. S. Khair
Convener


Prin. Dr. H. G. Vidhate
Chief Organizer

Place : Kada
Date : 21/12/2019



Anand Charitable Sanstha Ashti's
ANDRAG DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ. ASHTI, DIST. BEED -414202 (Maharashtra)

Accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th & 21st December, 2019

No. 23

Date. 20.12.19

Received Rs. 800/-

In words: eight hundred only

From Prof./Dr. pathan Jaiullah Khan Hayat Khan

College: Adv. B.D. Hambarde college Ashti

As a registration fees for the seminar

Thanks...

Signature of the Receiver

PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

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National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ M/s. Pathan J. M......of

Adv.: B. D. Hambarde College Ashti.....has participated / presented a paper entitled

A. Role of ICT in Higher Education.....

in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Place : Kada

Date : 21/12/2019

Prin. Dr. H. G. Vidhate
Chief Organizer



Anand Charitable Sanstha Ashti's
ANDR. DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ. ASHTI. DIST. BEED -414202 (Maharashtra)

Re-accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th & 21st December, 2019

No. 28

Date. 20.12.19

Received Rs. 800/-

In words: eight hundred only

From Prof / Dr. Talware M.C.

College: Arts, Commerce & Sci. College Ashti

As a registration fees for the seminar

Thanks...


Signature of the Receiver


PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA

Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

Organized

ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ Mrs. *Talware M.C.*of
Arts, Commerce and Science College, Ashti...has participated / presented a paper entitled
Role of Leadership and Management in Higher Education

in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal Ashti Dist Beed

Dr. B. S. Khaire

Prin. Dr. H. G. Vidhate

Place : Kada.

Local Governing Council

R.B.Attal College, Georai, Dist. Beed.

GENERAL RECEIPT

No. 2242


Date: 14/09/2019

Received from Shri Dattatraya Prabhurao Myndhe

a sum of Rupees Eight hundred only on account of _____

as particulars given below National Seminars on CPDR-2019

Rs. 800/- NEFT


Receivers Signature


PRINCIPAL
Arts, Commerce & Science
College, Ashu Tal, Ashu Dist. Beed.



Marathwada Shikshan Prasarak Mandal's

R. B. Attal Arts, Science & Commerce College

Georai Tq. Georai Dist. Beed

National Seminar

On

Contemporary Problems in India and Remedies

14th September, 2019

CERTIFICATE

This is to certify that Dr./Mr./Mrs. *Pattatraya Prabhurao Munde* has Chaired the session /participated / invited lecture / presented paper entitled *Causes of poverty and remedies in Contemporary* in One Day National Seminar on "Contemporary Problems in India and Remedies" organized by R. B. Attal Arts, Science and Commerce College, Georai, Dist. Beed on 14th September, 2019.

Mr. Helambe H.B.

Convener

PRINCIPAL
Arts, Commerce & Science
College, Ashū Tal. Ashū Dist. Beed

Dr. Rajani Shikhare

Principal & Organizer



Anand Charitable Sanstha Ashti's
ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ.ASHTI. DIST. BEED -414202 (Maharashtra)
Re-accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in Higher Education
20th & 21st December, 2019

No. 25

Date. 20.12.19

Received Rs. 800/-

In words: eight hundred only

From Prof./Dr. Sontakke Rajaram Tularam

College: Arts, Commerce and science college Ashti

As a registration fees for the seminar

Thanks...


Signature of the Receiver


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

Organized

ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ M/s. Sonjakkhe R.T......of

Arts, Commerce and Science College, Ashti. has participated / presented a paper entitled
Use of Technology in Educational System.....

in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework
and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias
Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

[Signature]
PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Dr. B. S. Khaire

Convener

[Signature]

Prin. Dr. H. G. Vidhate

Chief Organizer

Place : Kada

Date : 21/12/2019



Anand Charitable Sanstha Ashti's
ANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ. ASHTI. DIST. BEED -414202 (Maharashtra)

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Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th& 21st December, 2019

No. 07 Date 20.12.19
Received Rs. 800/- In words: eight hundred only
From Prof./Dr. Shinde Abhay Balbhim
College: B.D. Hambarde Mahavidyalaya
Ashti

As a registration fees for the seminar

Thanks...


Signature of the Receiver


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

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Anand Charitable Sanstha Ashti's

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National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ Mrs. *Shinde A. B.*.....of

Adr.: B.D. Hambarde College, Ashti..... has participated / presented a paper entitled
Innovations and Best Practices in HEI

in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

[Signature]
PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Place : Kada
Date : 21/12/2019
Dr. B. S. Khaire
Convener

[Signature]
Prin. Dr. H. G. Vidhate
Chief Organizer



Anand Charitable Sanstha Ashti's
ANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
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Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th & 21st December, 2019

No. 08 Date 20/12/19
Received Rs. 800/- In words: Eight hundred only
From Prof./Dr. Khude S.M.
College: B.D. Hambarde Mahavidyalaya, Ashti
As a registration fees for the seminar
Thanks...


Signature of the Receiver


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



NAAC 'A' Grade (3.11 CGPA)

Tq. Ashti. Dist. Beed - 414202 (MS)

Organized

ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ Mrs. *Khude S. M.*

Adr. B.D. Hambarde College Ashti has participated / presented a paper entitled

.Role of ICT in teaching- learning and evaluation

in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

B.S. Khaire
PRINCIPAL

Place : Kada
Date : 21/12/2019
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed
Dr. B. S. Khaire
Convener

H. G. Vidhate

Prin. Dr. H. G. Vidhate
Chief Organizer

Maharashtra University and College Librarians Association
Dr. Babasaheb Ambedkar Marathwada University Sectional Council
Aurangabad.

Sr.No. 252

Date : 08/02/2020

Received from Shri/Smt/Dr. Mutkule S.A.

the sum of Rs. 2000 (Rupees _____) only

on account of MUCLA Dr. BAMU Sectional Council, Aurangabad.

Rs. 2000


Cashier

N.B. Please retain this receipt for Kit and Certificate


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Maharashtra University and College Librarians Association
Third MUCLA National Conference-2020

Organized by

Dr. Babasaheb Ambedkar Marathwada University Sectional Council, Aurangabad

On

"Reinventing Academic Libraries for New Education System in Digital Age : Challenges and Opportunities"

This is to certify that, *Shri./Smt/ Dr. Sunil Ashurbha Muthkule*

of _____ has participated as Inaugurator /
 Chief Guest / Chairperson / Resource Person / Rapporteur/Delegate and Presented a paper entitled

_____ in the National Conference on Reinventing Academic Libraries for New Education System in
 Digital Age: Challenges and Opportunities organized by Dr. Babasaheb Ambedkar Marathwada
 University Sectional Council, during 7th to 8th February 2020 at Aurangabad.



CERTIFICATE

Veena Kamble
 Dr. Veena Kamble
 Convener

Daya T. Patil
 Dr. Daya T. Patil (Dalve)
 Organizing Secretary

Dharmaraj K. Veer
 Dr. Dharmaraj K. Veer
 Co-ordinator

Principal
 PRINCIPAL
 Arts, Commerce & Science
 College, Ashli Tal. Ashli Dist. Beac.

Mohan R. Kherde
 Dr. Mohan R. Kherde
 President, MUCLA



DCT's
S. S. Dempo College of
Commerce & Economics
Cujira, Bambolim - Goa



Government College of
Arts, Science & Commerce
Sanquelim - Goa

RECEIPT

No. :

158

Date : 28/2/2020



Directorate of
Higher Education
Government of Goa



National Association of Physical
Education and Sports Science (NAPESS)
(Affiliated to International Council of
Sports Science & Physical Education - ICSSPE)

OLYMPICS DOWN THE AGES - 2020

Scientific International Conference on Physical Education and Allied Sciences
Holistic Development for Excellence in Sport Performance, Health & Well Being

Received with thanks from Ass. Prof. Dr. Santosh Arunrao Wengujare
the sum of Rupees five thousand and fifty only/-

by Cash / Bank Transaction ID _____

dated 28/2/2020 drawn on _____

towards Registration fees

₹ 5050/-



For Olympics Down The Ages - 2020


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Bee.



Dempo Charities Trust's
S. S. Dempo College of Commerce & Economics
 Reaccredited by NAAC at 'A' Grade (CGPA of 3.30/4)
 Cujira, Bambolim - Goa

&

**Government College of
 Arts, Science & Commerce**
 Reaccredited by NAAC at 'A' Grade (CGPA of 3.17/4)
 Sanquelim - Goa



CERTIFICATE

This is to certify that Mr./Ms./Prof./Dr. SANTOSH ARUNRAO WANGUJIAZE
 of ARTS, COMMERCE AND SCIENCE COLLEGE ASHTI

Participated in the Scientific International Conference on Physical Education and Allied Sciences,
 on the theme "**Holistic Development for Excellence in Sport Performance, Health & Well Being**"
 from **27th to 29th February, 2020**. He/She also Presented a Paper/ Chaired Technical Session/ Delivered an Invited Talk
 Served as a NAPESS Member/ Organised/ Volunteered, titled


PRINCIPAL
 Arts, Commerce & Science
 College, Ashti Tal. Ashi Dist. Beldar

Dr. Radhika S. Nayak
 Principal,
 DCT's S. S. Dempo College of
 Commerce & Economics, Cujira, Goa


Dr. Pradeep Deshmukh
 President, NAPESS

Dr. Gervasio S. F. L. Mendes
 Principal,
 Govt. College of Arts, Science &
 Commerce, Sanquelim, Goa

Local Governing Council

R.B. Attal College, Georai, Dist. Beed.

No. 2284

GENERAL RECEIPT

Date: 14/09/2019

Received from Shri Dr. B. S. Waqhmaze

a sum of Rupees Eight hundred rupees on account of

as particulars given below National seminar CPR-2019

Rs. 800/-

[Signature]
Receivers Signature

[Signature]
PRINCIPAL
Arts, Commerce & Science
College, Ashi Tal. Ashi Dist. Beed.



Marathwada Shikshan Prasarak Mandal's

R. B. Attal Arts, Science & Commerce College

Georai Tq. Georai Dist. Beed



National Seminar

ON

Contemporary Problems in India and Remedies


14th September, 2019

CERTIFICATE

This is to certify that Dr./Mr./Mrs. B. S. Waghmare has Chaired the session /participated /
of Art's, Commerce and Science College, Asthi invited lecture / presented paper entitled Coception: Causes and Remedies
in One Day National Seminar on "Contemporary Problems in India and Remedies" organized by R. B. Attal Arts,
Science and Commerce College, Georai, Dist. Beed on 14th September, 2019.


Mr. Helambe H.B.
Convener


PRINCIPAL
Arts, Commerce & Science
College, Ashhi Tal. Ashhi Dist. Beed


Dr. Rajani Shikhare
Principal & Organizer



Anand Charitable Sanstha Ashti's
ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ, ASHTI, DIST. BEED -414202 (Maharashtra)
Re-accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in Higher Education
20th & 21st December, 2019

No. 26 Date 20.12.19
Received Rs. 800/- In words: eight hundred only
From Prof./Dr. Wandhase Sakharam Manaji
College: Arts, Commerce and Science College Ashti

As a registration fees for the seminar

Thanks...


Signature of the Receiver


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist Beed

National Assessment and Accreditation Council Bengaluru and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

Organized

ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ Mrs. *Khandhare S.M.* of

Arts, Commerce and Science College, Ashti has participated / presented a paper entitled
Role of ICT in Teaching - Learning Evaluation

in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework
and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias
Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

Place : Kada

Date : 21/12/2019

Dr. B. S. Khaire

Comptroller

[Signature]
PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed.
Prin. Dr. H. G. Vidhate
Chief Examinator



Anand Charitable Sanstha, Ashti's

ANANDRAO DHONDE ALIAS BABAJI COLLEGE

Kada, Tal. Ashti, Dist. Beed - 414 002

And

MARATHWADA COMMERCE AND MANAGEMENT SCIENCE ASSOCIATION, AURANGABAD.

Organized

National Conference

On

"EMERGING TRENDS IN COMMERCE MANGEMENT & ECONOMICS"



REGISTRATION RECEIPT

No. 8

Date: 14 / 02 / 2020

Received with thanks from Prof./Dr./Mr./M/s./Ms. B.N. Muttule

Adv. B.D. Hambarde mahavidyalya the sum of Rs. 1000/-

the sum of (Rupees one thousand only) only)

to wards the payment of registration fees of Conference held on 14 Feb.2020



Received by


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed



NAAC 'A' Grade

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA

Kada, Tq. Ashti. Dist. Beed - 414202 (MS)

And

Marathwada Commerce and Management Science Association.

Organized

National Conference

On

"Emerging Trends in Commerce, Management and Economics"

CERTIFICATE

This is to certify that Dr. / Mr. / M/s. *Dr. B. N. Madhukar*.....

Form *Adv. B. D. Harbade*..... *Mahavidyalaya Ashti*.....

has Resource person / presented / participated / in National Conference on Emerging Trends in Commerce, Management and Economics organized by Department of Commerce & Economics, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada held on 14 Feb. 2020.

He / She has Presented a research paper entitled *"Community Based Entrepreneurship"*

S. N. Waghule

Prof. S. N. Waghule
Convener NCETCME - 2020

W.K. Sarwade

Prof. W.K. Sarwade
President, M.C.M.A. Aurangabad

Dr. H. G. Vidhate

Prin. Dr. H. G. Vidhate
Chief Organizer NCETCME - 2020





Ashti Taluka Shikshan Prasarak Mandal's
Arts, Commerce and Science College, Ashti.

Jankhed road, Ashti, Tal. Ashti Dist. Beed. (M.S.) 414203
Accredited by NAAC B++ Grade with 2.78 CGPA, ISO 9001:2015, Green Audited College

National Workshop

On Intellectual Property Rights

Friday 6th March, 2020

Receipt

No. 14

Date. 06.03.2020

Received Rs. 200/- In words: Two hundred Rs only

From Prof./Dr. Nanwate Ninkutti Narayan

College: Arts Commerce & Science College Ashti

As a registration fees the Workshop

Thanks


Receivers Signature



PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed.

Ashti Taluka Shikshan Prasarak Mandal's

Arts, Commerce and Science College, Ashti



Tal. Ashti, Dist. Beed (MS)

Accredited by NAAC @ B⁺ Grade with 2.78 CGPA, ISO 9001:2015 Certified
Affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad



One Day National Workshop on " Intellectual Property Rights "

Friday, 6th March 2020

: Organized by :

IQAC, Dept of Commerce and Library



This is to certify that

Prof. Namwate Niwruddhi Marayam

From

Arts, Com. & Sci. College, Ashti

has participated in One Day National Workshop on
" Intellectual Property Rights " Organized by
Internal Quality Assurance Cell (IQAC) & Dept. of Commerce And Library
Arts, Commerce and Science College, Ashti, Tal. Ashti, Dist. Beed (M.S.)

Friday, 6th March, 2020

Dr. B. N. Mutkule
Head, Dept of Commerce

Dr. S. A. Mutkule
Librarian

Prof. N. N. Nanwate
Coordinator, IQAC

PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Dr. S. R. Nimbore
Principal



Anand Charitable Sanstha Ashti's
ANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ, ASHTI. DIST. BEED -414202 (Maharashtra)

Accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th& 21st December, 2019

No. 27.....

Date. 20-12-19

Received Rs. 800/-

In words: Eight hundred only

From Prof./Dr. Shirsath Mangesh

College: Arts, Commerce & sci. college
Ashti

As a registration fees for the seminar

Thanks...

Signature of the Receiver

PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and
Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

Organized

ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ M/s. *Shirsath M.K.*.....of
Arts, commerce and science college Ashti.....has participated / presented a paper entitled
Problems of Evaluating the teaching process in computing.....
in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework
and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias
Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).
Disciplines

Place : Kada
Date : 21/12/2019

[Signature]
PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Dr. B. S. Khaire
Convener
Prin. Dr. H. G. Vidhate
Chief Organizer



Anand Charitable Sanstha Ashti's
ANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ. ASHTI. DIST. BEED -414202 (Maharashtra)

Re-accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th& 21st December, 2019

No. 32

Date. 20.12.19

Received Rs. 800/-

In words: Eight hundred only

From Prof./Dr. Satbhai Ravi Subhashrao

College: Adv. B. D. Hambarde Mahavidyalaya
Ashti

As a registration fees for the seminar

Thanks...

Signature of the Receiver

PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

Organized

ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ Ms. Satbhavi R.s.of
Ady. B.D. Hambardde College, Ashtihas participated / presented a paper entitled
Higher Education in India: A scenario
in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework
and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias
Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

Place : Kada

Date : 21/12/2019

Dr. B. S. Khaire
Convener

Principal
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed
Dr. H. G. Vidhate
Chief Organizer



Anand Charitable Sanstha Ashti's
ANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA,
KADA TQ. ASHTI. DIST. BEED -414202 (Maharashtra)

Accredited by NAAC A Grade with 3.11 CGPA, ISO 9001:2015

Two- Day National Seminar

On

Revised Accreditation Framework and Quality Improvement Strategies in
Higher Education

20th& 21st December, 2019

No. 31 Date 20.12.19
Received Rs. 800/- In words: Eight hundred only
From Prof./Dr. Bharudkar R.E.
College: Adv. B.D. Hambarde college Ashti

As a registration fees for the seminar

Thanks...

Signature of the Receiver

PRINCIPAL

Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

National Assessment and Accreditation Council Bengaluru

and

Anand Charitable Sanstha Ashti's

ANANDRAO DHONDE ALIAS BABAJI MAHAVIDYALAYA, KADA



Tq. Ashti. Dist. Beed - 414202 (MS)

NAAC 'A' Grade (3.11 CGPA)

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ISO 9001:2015 Certified.



National Seminar

On

NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education.



This is to certify that Dr. / Mr./ Mrs. Bharudkar R.E.....of

Adv. B.P. Hambarde College Ashti.....has participated / presented a paper entitled

.....
in Two- Day National Seminar During 20th & 21st Dec. 2019 On NAACs Revised Accreditation Framework and Quality Improvement Strategies in Higher Education organized by IQAC, Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Tq. Ashti. Dist. Beed - 414202 (MS).

Place : Kada

Date : 21/12/2019

PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed

Dr. B. S. Khaire

Convener

Prin. Dr. H. G. Vidhate

Chief Organizer

6.3.1

College provided with financial support to attend conferences and workshop fees. Following names of provided fees to teachers

(Academic Year 2018-2019)

Sr.No.	Name of Teachers	Conference	Seminar	Workshop	Total Amount
1	Shri. Suhas Ganpat Gopane	0	0	100	100
2	Shri. Jainullakhan Mohammadhayatkhan Pathan	700	0	0	700
3	Shri. Murlidhar Chokhoba Talware	1000	0	0	1000
4	Dr. Rajaram Tukaram Sontakke	1400	0	0	1400
5	Shri. Dattatraya Prabhurao Mundhe	1000	0	0	1000
6	Shri. Abhay Balbhim Shinde	0	1000	0	1000
7	Shri. Sunil Ashurba Mutkule	0	0	0	0
8	Smt. Shubhangi Manohar Khude	0	0	100	100
9	Dr. Santosh Arunrao Wangujare	0	700	0	700
10	Shri. Bhagwan Shankarrao Waghmare	1500	0	0	1500
11	Dr. Sakharam Maruti Wandhare	900	0	0	900
12	Dr. Babasaheb Nehru Mutkule	0	500	0	500
13	Shri. Niwruitti Narayan Nanwate	0	2000	0	2000
14	Shri. Mangesh Kachru Shirsath	0	800	0	800
15	Shri. Ravi Subhashrao Satbhai	0	800	0	800
16	Shri. Ramesh Ekanath Bharudkar	0	800	0	800
Total		6500	6600	200	13300


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Bejr.


PRINCIPAL
Arts, Commerce & Science
College, Ashti, Tal. Ashti, Dist. Beed

KOTECHA & CO.

PROP. KALYAN N. KOTECHA,
CHARTERED ACCOUNTANT,
SUBHASH ROAD, BEED-431 122.

PHONE NO. (02442) 222567

MOBILE NO. 9422242811

AUDIT OBSERVATION

To,
The Principal,
Senior College of Arts, Science And
Commerce, Ashti.
Tq. Ashti Dist. Beed.

**Subject :- Audit of the accounts of Senior College of
Arts, Science and Commerce, Ashti.
Tq. Ashti Dist. Beed. for the year ended
on 31st March 2019.**

Dear Sir/Madam,

We have duly completed the audit of account of your **Arts,
Science And Commerce College, Ashti Tq. Ashti Dist. Beed** for
the year ended on **31st March 2019** and have great pleasure in
enclosing herewith the financial statements i.e. Balance Sheet, Income
and Expenditure Account & Réceipt and Payment Accounts and
necessary Annexure thereof for the period under audit. We have to
observe with respect to the above audit as under.

1) MAINTENANCE OF THE RECORD :

The books of account and other records of the college were found
satisfactory. All the payments vouchers with some exception, Bank
transaction etc. have found correct and they are duly tallying with the
books of accounts.

2) GENERAL :

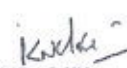
Our thanks are due to the Principal of the college & the office staff
for giving us excellent cooperation during the conduct of our audit and
assuring you of our best services and prompt attention at all times in
future.

Yours Faithfully,

Place : Beed.

Dated: 25/06/2019.


PRINCIPAL
Arts, Commerce & Science
College, Ashti Tal. Ashti Dist. Beed.


KALYAN N. KOTECHA,
KOTECHA & CO.,
Chartered Accountants,
Beed.

