**Bio-Data**



**Name** : **DR. CHISHTY SYED QADEERUDDIN**

**Father’s Name** : SYED ALAUDDIN

**Designation**  : **Associate Professor And**

 **Head Department of Physics**

**College**  : Dr.Rafiq Zakaria College For Women, Navkhanda Aurangabad

**Permanent Address** : Plot 277 Alhilal Colony Aurangabad .

**Phone number** : 9975373320

**E-mail** : chishtysq@gmail.com

**Date and place of Birth** : 09-07-1966 Phulambri dist. Aurangabad

**Educational Qualification:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Sr no | Degree/Name of the examination | Division | % of marks | Year of Passing | Subjects Taken | University/examining body |
| 1 | S S C | First  | 67 | 1983 | Eng. Sc. Maths. Hist. urdu.  | Maharashtra State Board |
| 2 | B. Sc. | first | 62 | 1988 | Phy,maths,elec | Marathwada University Aurangabad |
| 3 | M. Sc. | first | 60 | 1990 | Physics, electronics | Marathwada University Aurangabad |
| 4 | B. Ed. | first | 72 | 1992 | Science Maths | Dr. B.A.M university |
| 5 | MS-CIT | distinction | 88 | 2005 | - | Mkcl |
| 6 | Ph.D. | Date of award 2003-- | Title of thesis: Studies in fractal and Diffusion limited aggregation phenomena |

**Subject Taught**  : Physics

**Teaching Experience** : Junior College 16 years

 UG 14 years

|  |  |  |  |
| --- | --- | --- | --- |
| Institution with address | Post Held | From To | Nature of post |
| Aurangabad college for women  | Jr. lecturer | 15-06-1992 to31-07-2007 | Permanent |
| Dr.Rafiq Zakaria College For Women | Assistant Professor | 01-08- 2007-till date | Permanent |

**Research Field** :

 i Fractals ii Thin films iii: Crystal growth

 IV Nano materials

**Working as Research Guide in Physics of Dr B.A.M University:**

**Reviewer of Elsevier Journal :02**

**Details of Research Publications :**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sr No | Title of Paper /article | Journal | Impact factor/ISSN | Year of Pub/Vol./Page | Impact factor |
| **1** | Fractal aggregation of copper  | Oriental journal of chemistry | ISSN 0970-020X  | 2013,vol,29,1183-1186 | Indexed USA |
| **2** | Analysis of fractal growth | Recent trends in science and technology | ISSN NO.2277-8109E  | sep 2013 pp-10-11 | 0.667 |
| **3** | Nano technology | Science Journal | ISSN No.0973-0370 , |  CSIR/Vol XI No. 1 Jan 2014 |  |
| **4** | Fractal deposits on lime stone  | Journal of physical sciences | E-ISSN-2249-1929 | July 2014 vol. 4 no. 3 ,2549-2554 | Coden USA |
| **5** | Fractal viscous fingering in thick oil | Asian journal of chemistry | ISSN 0974-4169 |  Vol 7(4)April 2014 | Indexed USA  |
| **6** | Psycho physics | Kohinoor NCMAIP | ISBN978-93-82504-47-4 | 2013 |  |
| **7** | The band gap studies of copper oxide thin film  | Jornal of advances in applied science  | ISSN 2393-8188 | Dec2014 |  |
| **8** | The Optical studies of copper oxide thin film | International journal of modern trends in engineering and research  | ISSN 2349-9745ISSN 2393-8161 | Vol 2 july 2015 pp297-302 | 1.711 |
| **9** | Analysis of Fractal Viscous Fingering | Journal of Advances in Applied Sciences and Technology | ISSN 2393-8188 | Sept 2014) Vol .1/ issue 1 /page 7-10. |  |
| **10** | Growth of molybdenum sulfide thin film using vapor deposition | Knowledge scholar international journal  | E ISSN 2394-5362 | Vol 2 July August 2015 | 0.776 |
| **11** | Characterization of cuo thin flim | Jounal of medical research | EISSN2347-9027 | Volume 1 Special issue actra |  |
| **12** | Non genotoxic and Eco –friendly Synthesis of Chalcones using Alum (KAI SO4)2 .12H2O) as an efficient and Novel catalyst  | Der Pharma Chemica  | ISSN 0975-413X  | 9(15) 1-4 | Coden USA: PCHHAX |
| **13** | Laplacian growth and viscous fingering | International journal of recent innovation in engineering and research | e-ISSN 2456-2084 | Vol 1 pp 1-4 | 1.245 |
| **14** | Study of geological contour and fractal | International journal of universal print | ISSN 2454-7263 | Vol 04 Issue 06Pp 356-364 | UGC approved no:62813 |
| **15** | Dielectric property of soil using LCR | International journal of Research and analytical Review | ISSN 2348-1269P-2349-5138 | Vol 5 Issue 5 | UGC approved |
| **16** | Correlation of Physical and electrical properties of soil | International journal of scientific Research and review | ISSN 2279- 0543 | Vol 7 issue 4 pp 682-687 | UGC approved |
| **17** | Study of effect of different drugs on spider knitting of web as fractal | Journal of Gujrat research society | ***ISSN: 0374-8588*** | ***Volume 21 Issue X, Month 2019*** | UGC care  |
| **18** | Prediction of gender using statistical analysis technique of femur parameters | Parishodh journal  | ISSN 2347 -6648 | Vol Ix issueII Feb 2020 | UGC care listed |
| **19** | Study of Bacteria colony on agar surface as Fractal | International journal of creative research  | ISSN 2320-2882 | Vol 9 issue 1 Jan 2021 | UGC care listed |
| **20** |  Synthesis and structural Analysis of Ni-Zn Ferrite Nano particles  | International journal of innovative research and development IJIIRD | ISSN 2456 -236X | Vol 5 Special issue 01/2020 | UGC care listed |
| **21** | Thermal Power Station at parlivaijnaath A Review | Our heritage journal | ISSN 0474-9030 | Vol 68 special issue  | Impact factor 6.8 |
| **22** | Microstructure magnetic and dielectric interplay in NiCuZn ferrite with rare earth doping for magneto dielectric doping applications  | Elsevier Journal of Magnetism and Magnetic Materials | Journal of Magnetism and Magnetic MaterialsISSN 0304-8853 | Vol 537 1 nov 2021,168229 | 2.993 |
| **23** | Auto Ignition synthesis of rare earth metal doped Ni Zn Spinal Ferrites for Electronic Application | Journal Of Material Science: Material in ElectronicsSpringer  | Article 19172ISSN 0957-4522Web 1573-482X | Vol 25 issue330 24August 2021 | 2.478 |
| **24** | Synthesis of PyrazolinesUsing Alum as an efficient and Novel catalyst and their microbiological activities | International journal of biology pharmacy and Allied Science | ISSN 2277-4998 | 10(7)2486-2494July 2021 | UGC care |
| **25** |  |  |  |  |  |
| **26** | Comparative surface Etching analysis of PristineANDL-Glutamic acid dopped potassium aluminium sulphate crystal | Journal of Advances in applied sciences and technology | ISSN 2393-8188Online 2393-8196 | Vol 8 Jan 2022PP 126-128 | UGC care |

**Participation Of Seminars/Workshop/Conferences :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No | Name of Conference/workshop | From To | Organizing body | Place |
|  |  |  |  |  |
| 1 | National level workshop on nano technology | 16-17 feb 2012 | Dr. B.A.M.U | Aurangabad |
| 2 | National level workshop onAnalytical chemistry | 22 sep 2013 | ACTRA, India | Aurangabad |
| 3 | National Seminar on teaching physics | 30-31 Aug  | Deogiri college  | Aurangabad |
| 5 | National conference on microwaves | 29-30 Nov.2013  | Maulana Azad College  | Aurangabad |
| 6 | National conference on Nano Materials | 22-23 Feb 2013 | Science college  | Sonai |
| 7 | National conference on Materials science and technology | 23-24-Dec 2014 | Milliya sc college  | Beed |
| 8 | State level conference on Current trends in Plant science | 22Feb 2015 | Dr. Rafiqzakaria college for women | Aurangabad |
| 9 | National Seminar on Electronic sensor and its applications | 20-21FEB 2015 | Deogiri college  | Aurangabad |
| 10 | National level workshop onAnalytical chemistry | 8 Feb 2016 | ACTRA, India | Aurangabad |
| 11 | National level workshop onAnalytical chemistry | Feb 2017 | ACTRA, India | Aurangabad |
| 12 | National level workshop onAnalytical chemistry | 28 Jan 2018 | ACTRA, India | Ghansaogi |
|  | And many | - |  |  |

**Paper Presentation :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr No | Title of the paper | From to | Organizing body | Place |
| **1** | Analysis of fractal growth | 22 Sep 2013 | ACTRA | Aurangabad |
| 2 | Nano technology | 16-17 sep2012 | Dr. B.A.M.U | Aurangabad |
| 3 | Nano materials | 22-23 Feb | Sonai sc. college | Sonai,Ahmed Nagar |
| 4 | The band gap studies of copper oxide thin film | 23-24-Dec 2014 | Milliya sc college  | Beed |
| 5 | Analysis of fractal growth | 28Feb 2016 | ACTRA | Aurangabad |
| 6 | Electrical and Structural study of Zns thin film | 8 Jan2017 | ACTRA | Aurangabad |
| 7 | Study of geological contours | 28 Jan2018 | ACTRA | Ghansaongi Dist Jalna |
| 8 | Study of electro less deposition and fossil patterns | 16 Dec 2017 | NCRTDMS 2017 | Aurangabad |
| 9 | Materials Processing and characterization | 18-19 Dec 2020 | International e conference | Chaitanya Bharti Institute of Technology Hyderabad Telangana |
| 10 | Structural dielectric and electrical properties ofNi(Mg,Zn)Fe2O4 **y auto combustion method** | 23-24 Nov 2021ICAMDFA 2021 | International coference on advanced materials andDevices for Futuristic applications | Dept.of Physics.University institute of sciences ,Chandigarh University Gharuan Mohali Punjab |
| 11 | Impedance studies of NI- Cu mixed Ferrites by auto combustion method | 29-30 Nov 2021 | International e conference on Sustainable Furturstic Materials | International research centre Kalasalingam academy Krishnakoil Bhandara  |
| 10 | Synthesis and structural Analysis of Ni-Zn Ferrite Nano particles  |  | International e conference |  |

 **Books published**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **S.****No.** | **Title with page nos.** | **Book Title, editor & publisher** | **ISSN /ISBN No** | **Whether peer reviewed** | **No. of co-authors** | **Whether you are the main author** |
| **1** | **Thin film studies** | **Emma Jones****Lambert publication****Germany** | **978-3-659-81443-3** | **yes** | **02** | **yes** |
| **2** | **Fractal growth phenomenon** | **Emma Jones****Lambert publication****Germany** | **978-3-659-85778-2** | **yes** | **02** | **yes** |
| **3** | **Old Age and challenges** | **Emma Jones****Lambert publication****Germany** | **978-3-659-88832-8** | **yes** | **01** | **yes** |
| **4** | **Fundamentals of Physics** | **Emma Jones****Lambert publication****Germany** | **978-3-330-02804-3** | **yes** | **-** | **yes** |
| **5** | **The Concepts of ray optics** | **Emma Jones****Lambert publication****Germany** | **978-620-2-05523-9** | **yes** | **-** | **yes** |
| **6** |  | **Emma Jones****Lambert publication****Germany** | **978-613-8-33690-7** | **yes** | **-** | **yes** |
| **7** | **Electricity and Magnetism** | **Lambert publication****Germany** | **978-613-9-45448-8** | **Yes** |  | **Yes** |
| **8** | **Anemia among Adolescence Girls** | **Lambert publication****Germany** | **978-620-0-50226-1** | **yes** | **02** | **yes** |
| **9** | **Software for Admission System** | **Lambert publication****Germany** | **978-620-2-51925-0** | **yes** | **02** | **yes** |
| **10** | **The Physics of Instruments** | **Lambert publication****Germany** | **978-620-0-53224-1** | **yes** | **-** | **yes** |
| **11** | **Objective Physics for B.Sc. students** | **Rushi Publications****Aurangabad** | **978-81-951034-9-2** | **No** | **-** | **no** |
| **12** | **The Experimental Fractal Growth**  | **Lambert publication****Germany** | **978-620-0-74406-3** | **yes** | **-** | **yes** |

**Life Membership: 1: ACTRA 2: ISCA 3: IAPT**

Certified that the particulars given above are to the best of my knowledge and belief:

Place : Aurangabad

Date 18/10/2021

 **Dr. Chishty Syed Qadeeruddin**

 Head

 Department of Physics