APPLICATION FOR APPRAISAL

1. Employee ID : 466

2. Name : SIVA JYOTHI SINGARAJU

3. Date of Birth : 05-03-1981

4. Department : ENGINEERING PHYSICS

5. Date of Joining this College : P.G COLLEGE – August 8th 2006.

ENGINEERING COLLEGE-September 6th 2010.

6. Academic Qualifications : APSET Qualified in December 2020.

| SL. | Name of the Degree | Branch / Specialization | Year of passing | Class obtained | % of marks | University / Institutions |
|-----|---|---|--|-------------------|------------|---|
| 1. | SSC board | - | 1996-1997 | I | 74% | Annapurneswari Tutorial college |
| 2. | Intermediate | Mathematics, physics and chemistry | 1997-1999 | I | 80% | Vignana Bharathi Junior college |
| 3. | B.Sc computer science | Mathematics, physics and computer science. | 2003 | I | 78% | Visakha Govt Degree College Andhra University |
| 4. | M.Sc | Pure physics | 2005 | I | 65% | Andhra University |
| 5. | Pursuing 6 th year of Ph.D(about to submit). | Study of natural geological and Biological samples and uptake characterization in biological samples using External PIXE Technique. | Pre-Ph.D Examination in September 2009 | I | 59% | Jntuk University |

7. Ph.D. - Registered / Submitted / Awarded : Registered August 8th 2008/pre-ph.d

completed in September 2009 about to submit shortly

in this academic year

8. Years of experience in this College : 19 years(From June 2005to till date)

Chaitanya Women,s P.G College,old Gajuwaka: 1 year (2005-2006)

Dr.Lankapalli Bullayya P.G College : 3 Years(2006-2009)

Years of experience in other Engg. Colleges : 1 Year (2009- 2010)

ENGINEERING COLLEGE- : 14 Years(September 6th 2010-Till Date).

9. Research Work:

a) Paper Publications : 7 paper Publications and one publication recently

communicated

PAPER PUBLICATIONS

S.Siva Jyothi¹ ⊠ G.Padmaja Rani², P.Venkateswarlu³

- ¹. Department of Physics, Dr L.B. College of Engineering for women, Visakhapatnam, A.P, India-530013.
- 1.Advanced Instrumental Technique Of Analysis –PIXE-Mineral Industry-Environmental and Sustainable Development in Mineral Industry and Solid Waste Management-NATIONAL SEMINAR CUM WORKSHOP AT ANDHRA UNIVERSITY; VISAKHAPATNAM IN 2013.
- 2.Study of IRON UPTAKE in Fermentation process using PIXE TECHNIQUE-Indial Journal Of Fundamental and Applied Sciences-National publication in Journal volume 2(3) –ISSN: 2231-6345 September 2012 .
- 3.Trace elemental analysis of Indian Natural moonstone gems by PIXE and XRDTechniques-ELSEVIER PUBLICATION-Applied Radiation and Isotopes-ISSN:82(2013)211-222 --23rd July 2013.
- 4.Elemental analysis of Indian natural Chrysoberyl gemstones by PIXE technique-SPRINGER-International Coference On 'Latest Innovationsin Materials Engineering and Technology-ISSN-0.1007/978-981-13-1643-6-24-15 th June-2018.
- 5. Analysis Of Indian Natural Chromite Ore and Rocks by Nuclear Analytical Technique-Engineering Sciences International Research Journal Volume 7, Issue-1 Biannual Referred Journal International paper SE-Impact factor 2.54 ISSN-2320-4338-September 2019.

6. Nuclear Analytical Technique –PIXE, A Suitable method for Elemental Analysis of Conventional to Advanced Materials - Engineering Sciences International Research Journal Volume 7, Issue-1 –Biannual Referred Journal –International paper SE-Impact factor 2...71 –ISSN-2320-4338-September 2019.

7. Elemental analysis of A Few medicinal plants by PIXE technique-Communicated in April 2022 to the scoopus Journal of Taylor and Francis.

Area of Research work

Ph.D - Study of natural geological and Biological samples and uptake characterization in biological samples using External PIXE Technique.

Work Shop: 85 th BARC_IANCAS National work shop on Radio Chemistry and Application of Radioisotopes from January 6^{th} to 11 th,2014.

b) Workshops : Attended a **85 th BARC_IANCAS National work shop on**

RadioChemistry and Application of Radioisotopes from January 6th to 11 th,2014.

14. Achievements : NCC 'B' certificate holder and many

district level essay and elocution

competetions winner

15. Other contribution to the college : NSS Programme officer from 2014-2024

(Along with with nss student volunteers has

done 149 programmes).

ENCLOSING LIST OF NSS PROGRAMMES CARRIED OUT FROM SEPTEMBER 2014 TO TILL DATE:

01) DATA ENTRY FOR AADHAR CARDS-assisted to the Govt. by entering the data of the public for aadhar cards on the instruction of respective collecor office in our college lab with our N.S.S students -21/08/2014.

2)Dr.L.Bullayya college of Engineering premises cleaning on September 13 th,2014 under the guidance of Director of Academics and AdministationDr.Bhaskar Reddy Garu and Prinicipal of Dr.L.B.DegreecollegeDr. Poli Reddy garu.

- 3)Rama Krishna Beach cleaning by Youth India organization on September 14 th
- 4) coastal cleaning conducted by Eastern naval command, Vizag on 20 th September.
- 5)RalleyOn World's Aids day from GVMC to Ambedkhar hall at Andhra University on December 1st 2014.
- 6)5 K-Run-Women empowerment called "sasakthmahila and sasakth bharath-28/12/2014.
- 7)HUMAN CHAIN-at Gandhi statue, oposte to GVMC to Visakhagovt. Degree College (for Women)-25/01/2015.
- 8)Durga Bhai Deshmukh center for womenstudies -conducted essay and elocution competetions to our students -25/02/2015.
- 9)International Women's Day-2015, Creative makers in events with CVR news and Andhra university jointly-07/03/2015.

- 10) WORLD'S POPULATION DAY-Ralley on ,Essay and Elocution competetions-11/07/2015.
- 11)Orientation programmes through lecturers, discussions, audio-visuals in our college-17th, 18th and 19th july 2015.
- 12) Human Rights, Legal awareness-Anti Ragging Act-21/08/2015.
- 13) Young-Fraternity Coastal Beach cleaning by Youth-India members-02/10/2015.
- 14) N.S.S Certificate distribution to first batch students-18/04/2016.
- 15) Clean and Green Programme in our college premises-01/07/2016.
- 16)Ralley and Workshop for Ganja cultivation and smuggling -Save youth from Ganja Addiction Awareness programme 01/07/2016.
- 17) conducted several competetions of essay writing and elocutions which are remaining WORLD'S POPULATION DAY 02-07-2016.
- 18)Plantation and cleaning programme at our college premises-01/08/2016.
- 19) Awareness Programme on Health and huygene and also about several contagious diseases -02/09/2016.
- 20)N.S.S DAY CELEBRATIONS-conducted singing and dancing competetions-24/09/2016.
- 21)District Youth Festival at Y.V.S.Murthyauditorium, Andhra University, visakhapatnam-03, conducted 18 events for 15 yrs to 29 yrs-22/09/2017.
- 22)Electrolrolls-National voters day-Human chaingandhi statue GVMC to Vuda children's arena-25/01/2018.
- 23)PFMS TRAINING -at platinum gublie guest house -07/02/2018.
- 24) WOMEN'S DAY CELEBRATIONS-ralley in beach road-08/03/2018.
- 25) JNANABHERIPROGRAMME at Andhra University Grounds-23/08/2018.
- 26)NATURE ACTIVITY: Seed ball's throwing Campaign at Simhagiri hills in collaboration with green organisation-29/08/2018.
- 27)A.U N.S.S Cell Electroll'sralley at 6.30 a.m on beach road-19/09/2018.
- 28) Consumer's protection council awareness cap toour college students-10/09/2018.
- 29) Awareness talk on polycystic ovary syndrome from 2.30 p.m-
- BY Doctor A.NIHARIKA, GYNOCOLOGIST IN NRI HOSIPATL--26/09/2018.
- 30) one month 360 degree multimedia campaign on youth and $HIV(NACO)\mbox{--}22/10/2018.$
- 31)inauguaration function of our college special camp-05 in our college seminar hall--01-10-2018.
- 32) Plantation programme in our college premises-2.10.2018.
- 33)clean and green of our college premises.--02-10-2018.
- 34)Books, slates and pens distribution to the children-04-10-2018.
- 35) Awareness rally on water and air pollution-05-10-2018
- 36)Literacy review in slum-06-10-2018.
- 37) closing ceremony in our college seminar hall-07-10-2018.

- 38)Training programme on gender base violence-By Vasavyamahilamandali ,Vijayawada in our college block-02 seminar hall-22-11-2018.
- 39)One day Workshop on Swachh-Andhra -16-11-2018.
- 40)SWACHH BHARATH-in our college premise-25-12-2018
- 41) WORLD'S AIDS DAY RALLEY-FROM GVMC OP

POSITE GANDHI STATUE TO Ambedkar covocation hall-vizag-01-12-2018.

- 42)BLOOD DONATION CAMP CONDUCTED-In our college block-02 seminar hall in association with rotary blood bank-02-01-2019.
- 43)Acted as a resource person in Janmabhoomi programme at NMP HIGH SCHOOL-seethammadhara-02-01-2019
- 44)National Voter's Day ralley from GVMC to Vuda children's Arena from 9.00 A.m to 11.30 A.m-25-01-2019 and also N.S.S P.O'S MEETING AT PLATINUM JUBLIE HALL, A.U.
- 45)REPUBLIC DAY PARADE at A.U,M.P.E.D grounds26-01-2019.
- 46)ANDHRAPRADESH GENERAL ASSEMBLY ELECTIONS- AS A SPECIAL PROGRAMME OFFICER- along with 36members of our n.s.s unit 11-04-2019.
- 47)BLOOD DONATION CAMP-with Rotary club association at DR.lankapalliBullayya college of Engg-05/12/2019.
- 48)5K Run World's Environmental Day--Creating awareness on saving the power(one unit saved=one unit generated)Kalimatha temple to YMCA Building .Time:6.00 A.M -Organised by EEE dept., HOD.Dr.AnandGondesi 05/06/2019
- 49)Swachh Bharath Summer Internship (SBSI)-10/06/2019 TO 31/07/2019.
- 50)Attended N.S.S P.O 's meeting at N.S.S Conference hall, A.U to convey deep condolensces to former A.U co-ordinatopProf.Sampath Kumar and discussion about adolescence awareness programme-06/07/2019 to 12/07/2019.
- 51)N.S.S students conducted an Awareness Ralley Regarding thehazardous situations caused to our health by the usage of plastic and distributed the buttermilk to the devoteed of Giri Pradakshina-15/07/2019.
- 52)N.S.S Students have participated in the awareness programme regarding ADOLESCENCE IN THE Vuda Children's Arena-15/07/2019.
- 53)Jai Shakti Abhiyan(JSA)focused on water onservation-Reg..Communityeducation,awarenesscreation,Demonstrative measures of water conservation-29/07/2019.
- 54)second saturdy college campus cleaning-23/08/2019.
- 55)INDIAN NAVY SHIP VISIT-Awareness trip to the N.S.S Students Reg-Emergency water attacks-05/10/2019.
- $56) N.S.S\ Day\ celebrations\ in\ our\ college\ -conducting\ various\ competetions\ to\ the\ students-23/09/2019\ and\ 24/09/2019.$
- 57)N.S.S meeting at A.U Vice-chancellor's central administrative office with students and N.S.S P.O'S-04/10/2019.
- 58)MY CARE- MY RIGHT World hospice and Palliative care day-In our college seminar hall12/10/2019.
- 59) World's Diabetic Day-Awareness talk to the students regarding their food habits to be followed inorder to avoid the attack of diabetis for the future generations-By Dr.S.SharmilaBegum.,Bio-Technology dept.,.-14/11/2019.

- 60)Pledge done by the students, principal sir DR.D.DEEPAK CHOWDARYand the n.s.s P.O S.SIVA JYOTHI-NATIONAL CONSTITUTION DAY AND PREAMBLE-26/11/2019.
- 61)A Ralley and also a demonstrative defence technique session to all the girl students of our college after the Disha's Judgement-06/12/2019.
- 62)A Ralley from Dr.LankapalliBullayyaEngg.college to C.M.R central,maddilapalem-Reg-POWER SAVING WITH LOGOS-19/12/2019.
- 63) A Nature Trek Of 5 K.M by N.S.S STUDENTS from Kambalkonda from morning 6.00 a.m to 10.30 a.m-28/12/2020.
- 64) National voter's day celebrations ralley from G.V.M.C opposite Gandhi Statue to Vuda children's arena-25/01/2020.
- 65)Republic dayn.s.s parade by our n.s.s cadets at our college ground-26/01/2020.
- 66)Meeting of Women N.S.S Co-ordinators with vasireddypadmagaru and Dr.P.Ushamadam, secretary of Durga bhai deshmukhcommitteeat platinum jubliefuctionhall, Andhra University-18/02/2020.
- 67)SPORTS DAY Competetions for all the women faculty members-Tug of war and Throw Ball on 06/03/2020.
- $68) Basket\ ball\ intramural\ competetion\ on\ 07/03/2020.$
- 69) Meeting at V.C 's chamber regarding the discussion about activities, Andhra University.
- 70)As a part of Women's day celebrations-POWER WALK-FROM R.K BEACH KALIMATHA TEMPLE TO YMCA BUILDING-07/03/2020.
- 71)A Small Session regarding DEFENCE SKILLS-to the n.s.s student girlson 4rth and 5 th March by hiring an women instructor.
- 72) World's Consumer's Day celebrations attended by me and our college and our college N.S.S girl students at VIZAG CENTRAL LIBRARY, B.v. kcollege, visakhapatnam from 9.00 a.m to11.30 a.m10/03/2020.
- 73)Online Awareness Programme on Early Diagnosis, risk factor and do's and dont'S of a cancer among the youth of present day by Doctor SUMKI begum from SanjeevanicancerHosipatal, MUMBAI.
- 74)Plantation Programme of huge trees like Mango, badam and banyan trees by our college N.S.S unit-20/02/2020.
- 75)Plantation programme of small trees like sesame, floweing plants like roses, hibiscus etc., -22/02/2020.
- 76) Nature Trek of 5 k.m at Kambalkonda by our college N.S.S cadets from 6.00 a.m to 10.00 a.m.
- 77)Webinar on CAREER OPPORTUNITIES -to our N.S.S girl students in the defence field by the airforce commander SUSHMA SHINDE -06/03/2020.
- 78)71stRepublic day celebrations in our college campus grounds -26/01/2021.
- 79) Meeting at Our college library hall-Discussion regarding GREEN CAMPUS ACTIVITIES
- Like plantation and swachhbharath on every second Saturday by our N.S.S students—28/01/2021.
- 80)Candle light ralley from kalimatha temple to Ymca building in the evening 6 o clock-07/03/2021.
- 81)AYU-SAMVAD(ayurveda for covid 19)-"My Health My Responsibility by DR.k.Eswara Rao reg.no-19531 ,M.D
- (AYURVEDIC) Dy.CivilSurgen, K.G.H Visakhapatnam-in our college seminar hall to our N.S.S college students...23/03/2021.

82) EARTH DAY celebrations by manuring the plants in our college with the domestic waste-22/04/2021. Theme

2021:RESTORE THE EARTH

83)WORLD'S ENVIRONMENT DAY celebrations by conducting quiz, painting and several other competetions to our students-online activities-3rd june to 5thjune 2021.

1)E-Quiz.

2)Innovative ideas on ecological restoration.

3)Painting competetion on ecological restoration.

84)DENTAL PROBLEMS& INVODENT ORTHODONTICS-WEBINAR –DR. VENKATA MOUNICA-OVER ZOOM ON JULY 16TH 2021 AT 3.00P.M .MEETINGID:837 4205 7158

PASS CODE:fcp46m

85) Meeting at Andhra University ,N.S.S Office regarding the 3 activities to be done in that month-COVID awareness campaigns-ANDHRAUNIVERSITY N.S.S COORDINATOR-DR.HARNATH SIR with all the N.S.S p.o's of individual activities-25/10/2010.

86)A.P ELECTORAL ONLINE REGISTRATIONS AWARENESS PROGRAMME-

BY OTER APP-by concerned authorities-proper utilization of votes---27/10/2021.

87) Azadi Ka Amrut Mahostav for CLEAN INDIA on 75 years of India's independence-30/10/2021.

88)Elecution and Debate competations were conducted in our college central library for all NSS students on the topic of "Aptitude (or)

Attitude to reach one's altitude"-19/11/2021.

89) Christmas celebrations and a flashmob on christmas celebrations conduted in our college by NSS students-23/12/2021.

90)Rally on covid awareness measures to be taken, from our Dr.L.B.college of engineering to C.M.R central-18/12/2021.

91)A 5K Run regarding-Fitness of health-23/01/2021

92) Awareness campaign and phamplets distribution regarding the precautionary measures to be taken to avoid covid attack, exclusively to Senior citizens and Children in the Resapuvanipalem slum-Banners and charts including pamphlets are used -7/02/2022.

93) Awareness campaign - Regarding- Health and Nutrition in Covid appropriate conditions-Banners and charts including pamphlets are used-9/02/2022.

94) Awareness campaign reg-Health and Hygiene to be maintained during the Covid pandemic-Banners and charts including pamphlets are used-10/02/2022.

95)High court judge of A.P Mr. Sri CH.Manavendranath Roy visited our college campus and adress our NSS students for the future carrier guidance-05/03/2022.

96) On International Women's Day Captain cdr. Priya Khurana adress our women students awareness regarding the opportunities in the Navy-08/03/2022.

97)Adressedte N.S.S students in our college seminar hall by N.S.S Programme Officer S.SivaJyothi from 3:00 p.m -4:30 p.m REG- Health and Hygiene __14/03/2022.

98)Plantation programme by our N.S.S Students with different tender plants CAMPUS GREEN-15/03/2022

99) Clean and green by our N.S.S Unit students in the Resapuvanipalem

Slum-17/03/20222.

100)17th March 2022-A Webinar on –Srategy in Time Management was conducted to the first year and N.S.S students of our Engineering Unit,Organised by us by inviting the most prominent student speaker MR.SYED MUJIB REHMAN as the guest speaker.

101)International water day celebration by our N.S.S team among the students by creating awareness regarding - recycling and limited usage of the water 2022 Theme "Ground water:Invisible-Visible" -22/03/2022.

102) A Creative makers in Event(ACME)-Swachh Survekshan 2022(Swachh Visakha)-BAN PLASTIC-50 Nss cadets of Dr.LankapalliBullayya College Of Engineering has participated in the Rally and awareness Programme in SWARNA BHARATHI STADIUM, Resapuvanipalem near Spencer 's from 9.30 A.M to 12.00 P.M.....As vizag stood in 9 th place in 2021 Swachh Sarvekshan and to make it Number 1 in the year 2022, this awareness is being spread among the public by all the N.S.S unit students thru Skits ,Songs,Ralley and awareness Speech....Invited Cheif Guests are our Vizag GVMC Mayor G.Venkata Kumari and Vizag's GVMC Asst.Commissioner and District Judge and M.LC.Kalyani Garu-01/04/2022.

103) 1st November a vegetarian 2K run had been conducted by NSS team among the students to maintain the health on the occasion of Andhra Pradesh state formation day. It had been conducted from 6.00AM to 8.00AM at RK Beach.

104) On the occasion of 100th Birth anniversary of late Shri K.S Sastry, NSS team had participated in the Gandhi center program. This was conducted on 16th November 2021 at our college seminar hall from 3.00PM to 5.00PM

105) On 18th November 2021 the NSS team had participated in the rotary blood donation camp held at our college seminar hall.It was conducted from 10.00AM to 12.00PM

106)Awareness campaign regarding Food, Nutrition and Immunity Boosters to the residents of Resapuvanipalem slum-20-07-2021.

107) Awareness campaign regarding Child Marriages to residents of the Resapuvanipalemslum

Voter Awareness Programme. 21-10-2021

108) Azadi ka Amrit Mahotsav . 30-10-2021

109)Covid-19 Awareness Rally . 18-12-2021

110)Awareness programme on Precautionary measures to be taken to avoid COVID attack, exclusively to Senior citizens and Children in the Resapuvanipalem slum-07-02-2022

111)Awareness programme on Health and Nutrition in COVID-19 appropriate conditions to residents of Resapuvanipalem slum. 09-02-2022.

- 112)Awareness campaign regarding Health and Hygiene to be maintained during COVID-19 to residents of Resapuvanipalem slum-10-02-2022
- 113) Awareness Programme on Career Guidance- 05-03-2022
- 114)Swachh Bharath(Clean and Green)Programme in Resapuvanipalem Slum-17-03-2022.
- 115)Awareness campaign regarding Health and Hygiene to be maintained during this summer season to residents of Resapuvanipalem slum-25-04-2022.
- 116)Awareness programme on Precautionary measures to be taken against COVID-19 to residents of the Resapuvanipalem slum-26-04-2022.
- 117) Awareness campaign regarding air and water pollution to residents of the Resapuvanipalem slum-27-04-2022.
- 118) Awareness campaign regarding Food and Nutrition to be maintained during the Covid-19 pandemic to residents of the Resapuvanipalem slum-28-04-2022.
- 119) Awareness campaign regarding Child Marriages to residents of the Resapuvanipalem slum-29-04-2022.
- 120) Awareness campaign regarding Mother's milk as immunity boosters to Infants to residents of the Resapuvanipalem slum-28-06-2022.
- 121) Awareness campaign about the Importance of breast feeding, mother's milk to the growth and immunity development in the infants to residents of Resapuvanipalem slum-29-08-2022.
- 122) Awareness campaign about the Nutrients in the Mother's milk and precautionary measures to avoid Diarrhea among children to residents of Resapuvanipalem slum-30-08-2022.
- 123) Awareness campaign about post COVID complications to old people and also how to take healthy diet for immunity development of the body to residents of Resapuvanipalem slum-02-09-2022.
- 124)Awareness campaign regarding importance of Nutritive food and balanced diet to the children residing in the Resapuvanipalem slum-03-09-2022.
- 125) Vegetarian 2k Run- 01-11-2022
- 126) Awareness camp regarding Malnutrition to the residents of Resapuvanipalem Slum-07-11-2022.
- 127) Awareness campaign regarding Health and Hygiene to the residents of Resapuvanipalem slum 08-11-2022
- $128) \ Awareness \ campaign \ regarding \ Immunity \ to \ the \ residents \ of \quad Resapuvanipalem \ slum \ 09-11-2022.$
- 129) Blood Donation Camp-18-11-2022.
- 130) Awareness campaign regarding Food, Nutrition and Immunity Boosters to the residents of Resapuvanipalem slum-24-11-2022.
- 131) Awareness campaign regarding Child Marriages to residents of the Resapuvanipalem slum-25-11-2022.
- 132) Oral Health Awareness Campaign-03-01-2023.
- 133) Voter Awareness Rally-25-01-2023.
- 134) Earth Day Celebrations-22-04-2023.

- 135) The Awareness Session on Voter Registration LECTHON-2023, Visakhapatnam North on 22-07-2023.
- 136) The Blood donation camp on 19-08-2023.
- 137) The awareness Campaign on Voter's app Registration for new user's and status of the EPIC Card checking for already registered User's on 17-12-2023.
- 138)Swami Vivekananda celebrations-22-10-2023
- 139) Voter's app registration in the slum an checking the status-07-12-2023.
- 140)Inauguaral Session of the specialcamp-A brief interactive session with the people of the resapuvanipalem slum regarding the community problems regarding properhealth and huygiene they are facing in day to day life23-02-2024.
- 141)Plantation programme in Resapuvanipalem the slum-24-02-2024.
- 142) Literacy Review in Resapuvanipalem the slum -25-02-2024.
- 143) Awareness RallY On Water and Air Pollution-26-02-2024.
- 144) Clean and Green Programme in the Respuvanipalem Slum-27-02-2024
- 145) Books, Slates AND Pen's Distribution in the Resapuvanipalem slum-28-02-2024
- 146)Closing ceremony of the Special camp 2023-2024 on 29-02-2024.
- 147) The Awareness campaign on Zero Discrimination Day on **01-03-2024** in the Resapuvanipalem Slum.**Theme 2024**:"To Protect Everyone's Health,Protect Everyone's Rights".

148)The Awareness campaign in the Resapuvanipalem slum on the" National No Smoking Day-13-03-2024(second wednesday of every March)".Theme of the year 2024 is "Protecting Children from Tobacco Industry Interference".

149)The awareness on World Water Day at the Resapuvanipalem slum on 22-03-2023. Theme of the year 2024 for the World Water Day is "Leveraging Water for Peace".

Signature:

(S.SIVA JYOTHI)