



# SRR & CVR GOVERNMENT DEGREE COLLEGE

(AUTONOMOUS)

VIJAYAWADA, KRISHNA DIST., A.P

NAAC B+GRADE(CGPA:2.60)



## SRR & CVR GOVERNMENT DEGREE COLLEGE (A)

### 84 th ANNUAL REPORT 2017-18

1. **Name of the College:** SRR & CVR Government Degree College (A), Vijayawada
2. **Number of New Programmes introduced :** 2
3. **Number of Certificate courses/ Training programmes offered:** 10
4. **Major Activities and Achievements during the period:**
  1. SANGAM-2017, Alumni meet on the eve of 80 years completion of SRR college
  2. Swach Bharath Awards 2018 from AP State Government by Honorable Chief Minister Sri Nara Chandra Babu Naidu
  3. Awareness to students on overcoming Suicidal thoughts, Cycle Rally in collaboration with AP State Psychologists federation
  4. Awareness program on ODF to people in Enikepadu Panchayat in collaboration with Enikepadu Panchayat Office
  5. Awareness program on Entrepreneurship sponsored by National Science and Technology Entrepreneur development board, conducted by Andhra Pradesh Productivity Council Entrepreneur development institute of India
  6. Inaugural of e-waste collection as part of environmental protection initiatives in collaboration with Karo sambhav
  7. Inauguration of No Vehicle Day in college as part of Environmental protection practices
  8. Awareness program on Civil Services Exams by Sri B Lakshmi Kantam, IAS, District Collector, Krishna District, Smt M Bala Latha, Deputy Director of Ministries of Defence civil servant
  9. World Tourism Day celebrations-District level competitions in Essay, Elocution, Poster presentation, Painting etc. in collaboration with Krishna District Collectorate
  10. Faculty Training Program on Virtual Class Rooms
  11. Workshop on RTI Act

12. FDP on Cluster Electives in CBCS format for undergraduates
13. Mega Job Mela by JKC in collaboration with District Employment Office, Vijayawada
14. Youth Festival by Krishna University in collaboration with NSS Unit of the college in SRR College Premises
15. 80th College Anniversary Celebrations
16. Two Days National seminar on " Viswanadha Sahiti Samalochana"
17. Two day National Seminar in Chemistry: Recent Trends in Chemistry and Physics of materials
18. Delhi Agra Tour under DRC for our Arts students
19. Special NSS camp at Gollapudi Village
20. First Aid training program for NSS students
21. Krishna University InterCollegiate Archery Events for Men and Women at SRR & CVR GDC, VJY and selection for University team
22. SURYA aradhana in College premises-Yoga sessions
23. Students Earn while Learn at Durga Devi temple services
24. Students of SRR painting on Vijayawada Corporation walls as part of Swachh Vijayawada
25. Students Training on Aqua farming & Vermi composting
26. Student internship at Andhra Hospitals
27. Workshop on Science, Scientific temper and challenges for Better India in collaboration with Jana Vignana Vedika, Vijayawada
28. A Two Day State level Exhibition Cum Sale of Arts and Crafts conducted by Social Work Department in Collaboration with NGO's
29. Students completed NPTEL courses conducted by IIT's and received certificates
30. Student won in the Inter Collegiate competitions conducted by AP State Government as part of Maa Vooru Janma Bhoomi celebrations
31. Medical camp for Girl students by Dr TVVN Sastry, District medical and Health Officer, Dr K Geeta Devi, Gynecologist, Ayush Hospitals
32. Girl students arranged Stalls of Handmade ornaments and Body mass index testing at Achievement is Beauty celebrations at Siddhartha Auditorium in Collaboration with Taruni Tarangalu
33. International Womens day celebrations in College in collaboration with Taruni Tarangalu organisation for three days

## **5. Honors and distinctions to Faculty & College: 6**

1. Krishna district Best performance awards on the eve of Independence day from District Collector to Dr Velaga Joshi ,, Principal from District Authorities
2. Best Teacher Awards by HDFC Bank on the eve of Teachers Day to Dr R Kameswari, Dr K Bala Krishna, Smt KLC Devi, Dr V Neeraja
3. Swach Degree College Award Swach Bharath Awards 2018 from AP State Government by Honorable Chief Minister Sri Nara Chandra Babu Naidu

## **6. Students with distinctions/ Achievements:**

1. SRR & CVR students selected for South India Inter University Men Aquatic team to be conducted at Punjab University, Chandigarh
2. Gold Medal Winner in AP & Telangana NCC Airforce event- G Deepu, Selected for National level All India Air wing Military event
3. SRR & CVR students selected for South India Inter University Men Kabbadi team to be conducted at Satya Bhama University, Chennai
4. International Fide rating in International Chess competitions held at Hyderabad
5. Students selected for National level Inter University Net ball tournaments as part of Krishna University team
6. Alumni of our College Motukuri Tulasi Chaitanya crossed Pak water front in 8 hours 25 minutes and created world record in Swimming event
7. Winners in competitions conducted by HCL " Nava Bharath Nirman- Our Determination"- Elocution: I prize-M Raghava Ganesh, II Prize-K Tejaswini, III Prize-J Veera Lakshmi, Essay: II Prize-D Arun Kumar, III Prize-K Divya
8. Winner in Young Economist competition ECON 2017 held at PB Siddhartha Arts and Science college- II Prize Winner:S Vimal Deep, III BA
9. Student won in the Inter Collegiate competitions conducted by AP State Government as part of Maa Vouru Janma Bhoomi celebrations- I Prize in Padya Rachana Chandassu-J Manisha Chakravarthi, Story Writing-J Chandrika, Essay competition-K Subrahmanyam, Poetry-PVSN Syamasri, Prose-V Bhargav, II Prize in Essay-M Raghava Ganesh Kumar

## **6. Publications: Publications by our staff during 2017-18 are 21**

1. Unravelling the energy transfer mechanism in bismuth co-activation of  $\text{LaInO}_3:\text{Sm}^{3+}/\text{Ho}^{3+}$  nanophosphor for color-tunable luminescence -RSC Advances by Dr K Sujatha, Lecturer in Physics

2. Tunable luminescence properties and energy transfer behaviour in Bismuth sensitized  $\text{LaInO}_3:\text{Tb}^{3+}$  phosphors- International Journal of ChemTech Research by Dr K Sujatha, Lecturer in Physics
3. Perquisites of IoT technology in Education - IAESTD Journal for Advanced research in applied sciences by V Uma Lakshmi, Lecturer in Physics
4. Simulations as a Physics Teaching Tool- Our Heritage by V Uma Lakshmi, Lecturer in Physics
5. Structural and luminescent properties of  $\text{Fe}^{3+}$  doped tin oxide thin films by spray pyrolysis - Optoelectronics and Advanced Materials- Rapid Communications by Dr G Nagarjuna, Lecturer in Chemistry
6. Medicinal plants of tribal traditional system from Guntur district, Andhra Pradesh - International Journal of Life Sciences by Dr D Jyothi, Lecturer in Microbiology
7. The Number of  $r$ -Relatively Prime Subsets and  $\Phi$ - Annals of Pure and Applied Mathematics by Dr G Lalitha, Lecturer in Mathematics
8.  $r$ -Relatively Prime Sets and  $r$ -Generalization of  $\Phi$  Functions for subsets of  $\{1, 2, \dots, n\}$ - Annals of Pure and Applied Mathematics by Dr G Lalitha, Lecturer in Mathematics
9. Role of Nutritional Supplementation in Patients with Newly Diagnosed Pulmonary Tuberculosis- International Journal of Academic Research and Development by Dr K Anuradha, Lecturer in Food Technology
10. Formulation, Development and Standardization of Ready to Eat Food Supplement for Tuberculosis Patients - International Journal of Food Science and Nutrition by Dr K Anuradha, Lecturer in Food Technology
11. A Critical Analysis of Vikram Seth's an Equal Music- Notions-A peer reviewed referred journal(National) by Smt A Subhashini, Lecturer in English
12. Influence of Demonitisation on Small Businessmen – A Study Study in Vijayawada City, A.P- Research maGma by Dr. B. Prathima, Lecturer in commerce
13. Women Empowerment through NGOS- a Study of Self help groups in Guntur District, Andhra Pradesh- The Research Journal of Social Sciences by Dr. B. Prathima, Lecturer in commerce
14. Haematological changes induced in the fish *Ctenopharyngodon idella* (Valenciennes) exposed to organophosphate Dichlorvos both technical and 76% EC (Nuvan)- Journal of Innovations in Pharmaceutical and Biological Sciences by Dr M Vijaya Kumar, Lecturer in Zoology
15. Investigation of solute-solvent interactions in { 1-butyl-3-methylimidazolium Bis (trifluoromethylsulfonyl) imide + dimethyl carbonate } mixture using physicochemical properties.- Journal of Chemical Thermodynamics by Dr V Srinivasa Rao, Lecturer in chemistry

16. Investigation of intermolecular interactions in binary liquid mixtures of [Bmim ] [NTf2 ] and propylene carbonate at different temperatures using Ultrasonic, Optical and FT-IR Studies.- Karbala International Journal of Modern Science by Dr V Srinivasa Rao, Lecturer in chemistry

17. Volumetric, Acoustic, Optical and Spectroscopic studies of binary mixtures of the ionic liquid, 1-butyl-3-methylimidazolium Bis (trifluomethyl sulfonyl) imide and diethyl carbonate- Physics and Chemistry of Liquids- by Dr V Srinivasa Rao, Lecturer in chemistry

18. The Study of Solute- Solvent Interactions in 1- Butyl-3- Methylimidazolium Hexafluorophosphate+ 2- Pyrrolidone from Volumetric, Acoustic, Optical and Spectral Properties- Journal of Solution Chemistry by Dr V Srinivasa Rao, Lecturer in chemistry

19. A molecular interactions study between { 1-butyl-3-methylimidazolium hexafluorophosphate[Bmim][PF6] and N-methyl pyrrolidone- Journal of Chemical Thermodynamics- by Dr V Srinivasa Rao, Lecturer in chemistry

20. Impact of MGNREGs on Scheduled Castes- International Journal of Multidisciplinary Educational Research by Dr. K. Chandra Sekhar, Lecturer in Economics

21. Participation of Scheduled Caste Households in the MGNREGs -International Journal of Multidisciplinary Educational Research by Dr. K. Chandra Sekhar, Lecturer in Economics

#### **7. Doctorates acquired by faculty: 01 (during the year 2017-18)**

#### **9. Books/Chapters published by Faculty: 05**

1. Tulaseedaas Bhakti tatvam - Baalaramuni Soundarya varnana-ICSAR 2017 Scientific Approach in Ramacharitamana by Dr K BalaKrishna

2. Hamsavimshati - Vaakyasvaroopam-Desha Bhashalanda Telugu Lessa , A Compilation of research Articles on Telugu Language by Dr K BalaKrishna

3. Mahaakavi Geddaapu Satyamgaari Padyakavitaa Vaibhavam-Andhra Bharati Proceedings of an International Seminar by Dr K BalaKrishna

4. Vishvanaatha Gurudevulu -Vishvanaatha Sasahitya Samaalochanam Proceedings of National Seminar by Dr K BalaKrishna

5. Varanasivari Geya KavithaaVaibhavam-Varanasivari Geya KavithaaVaibhavam, National Seminar by Dr K BalaKrishna

#### **10. Memorandum of Understandings(MOU's): 06**

Memorandum of Understanding Karo Sambhav Private Limited, Gugarv with Department of Physics for e-waste management, Siri Exergy and Carbon Advisory services Pvt. Hyderabad with Department of Physics for Energy saving survey, Westin College of Hotel Management with Department of History , Andhra Hospital

and Department of Biochemistry, SRR Walkers Association, Centurion University for Skill development

**11. Faculty Development Programs/Refresher Courses attended by Faculty: 11**

**12. Seminars/ Webinars organized: 03**

1. Two Days National seminar on " Viswanadha Sahiti Samalochana"
2. Two day National Seminar in Chemistry: Recent Trends in Chemistry and Physics of materials
3. Two day Student centric National Seminar on " Marketing trends in Virtual Era"

**13. Conferences/ FDPs conducted: 09**

1. HAM RADIO training and AmateurRadi Club Inaguration
2. Faculty training program in virtual class room usage and IAMS Phase-I
3. Workshop on RTI ACT 2005
4. Faculty training program in virtual class room usage phase II
5. Two days FDP-Work shop on cluster electives in chemistry
6. One day state level workshop on cluster electives of CBCS through virtual class room
7. Opening of Virtual class rooms in 56 GDCs across state by HRD minister
8. District level workshop on project at UG level
9. Community College Workshop

**14. Major Extension activities :**

1. Awareness on " OtuHakku " pamphlets released in the college
2. Awareness programme on Entrepreneurship
3. Awareness Program on - Dry waste Management
4. Legal awareness meeting
5. Disaster Management & First Aid
6. Ugadi Sambaralu-Sampradaya Vastradharana

**15. Collaborative Activities: 8**

1. Awareness program on "Say no to Child Marriages" in colloboration with Women and Child Wefare ministry, Andhra Pradesh
2. Million March on special status in Colloboration with AP State Government
3. Rashtriya Sankalp diwas -2K run at Indira Gandhi Stadium in Colloboration with AP State Government

4. Awareness to students on overcoming Suicidal thoughts, Cycle Rally In collaboration with AP State Psychologists federation
5. Awareness program to students on precautions to be taken during Fire accidents in collaboration with Krishna District Fire accident protection force
6. Rally by AP State Government on Environmental protection in Collaboration with AP State Government
7. Seminar on Protection of Child Rights in Collaboration with Child line-1098 office
8. Conference on Save Electricity-Save for Future as part of Electricity saving week conducted by APSPDCL

#### **16. Placement and Career Guidance activities: 6**

1. Employment and research opportunities in Biological Sciences by Department of Botany
2. Awareness program on Civil Services Exams by District Collector and IAS toppers
3. A motivational Discourse on Career Guidance by Sr K Satyanarayana, Director General of AP Disaster response and Fire services
4. Mega Job Mela by JKC in collaboration with District Employment Office, Vijayawada
5. Job fair by JKC in Collaboration with Hetero Drugs
6. JKC Training for Competetive exams

#### **17. NSS Activities: 10**

1. Swach Bharath in College premises in collaboration with Lions club of Vijayawada East
2. Swach Bharath in College premises
3. First Aid training program for NSS students
4. Training Program to NSS students by NSS officers-NDRF officers
5. Training program to NSS students on 100% construction and usage of safe toilets as part of Swachha Andhra Mission
6. Swach Bharath in College premises every week
7. Awareness Rally on ODF by NSS at Gollapudi panchyat and one week NSS services
8. Janma Bhoomi Pension applications scrutiny at East Constituency UCD, VJY

9. Awareness on leaving Khinee, Gutka, Cigarrate at Enikepadu Panchayat to villagers by Asst Professor Dr K Sudhakar, ANU, Dr Hari Prasad, NSS Officer

10. Nava Nirmana Deeksha and eve of World Environment Day plantations and distribution is taken In colloboration with District Forest Office

### **17. Literary and Cultural activities:11**

1. 145 Birthday Celebrations of Andhra Kesari Tanguturi Prakasam Pantulu
2. College students and Staff participated in AP State Government Telugu Bash Dinostavam celebrations
3. Teachers Day Celebrations- Best Teachers awarded by HDFC Bank, Vijayawada
4. Freshers Day celebrations
5. Valmiki Jayanthi Celebrations
6. Hindi Divas
7. Krishna Tarang -Youth Festival by Krishna University
8. Rangavalli Competetions by TV Channel ABN Andhra Jyothi in our College on eve of Makara Sankranti
9. 155 th Birth Day Celebrations of Swami Vivekanada Birth day- Guest Lecture on Life History of Vivekananda and its connection with Indian Culture
10. Internatioanl Matru Basha Dinostavam
11. 80th College Anniversary Celebrations

### **18. Field Tours taken up by the College: 22**

Departments of the College arranged field tours to Vidya Bharathi Sikshana Samsthan, Local nurseries, KCP Sugar Factory, Community food and nutrition unit, to Space week exhibition at KLU, Milk Factory, diseased farms, AP Fisheries department, Animal Husbandry, Punya Charities, BRK Spirits, Undavalli caves, Eurth Techtronics, Haritha Transformers, Sujay Biotech, Book Exhibition, Delhi Agra tour, Unibait shrimp feeds.

### **19. Guest Lectures arranged: 15**

Departments arranged Guest Lectures on Employment opportunities by Prof Dr T.V Ramana Rao, Sardar Patel University, National Integrity by Dr Sk Abdul Khadar, Silver Jublee College, Kurnool, Taxation, GST, Interactive Session by Sri Lakshmana Rao, Chartered Accountant, SPSS byI Vijay, Genetical patterns by Dr K Sucharitha, Asst Professor, GDC (W), Guntur, Drama by Dr G SriLatha, Siddhartah College of Arts and Science, GST by M.Dilip & R.V. Raghuveer, Understanding "Machines and Fuels in a Nephrologist point of view.", Education loans , Mudra loans, kyc by I.N. Swathi, ICICI, National Consumers day 2017, Dr Sudhakar, Additional Director, Information and Broad casting, Hyderabad, Importance of Management Education,



Skills needed for to days industrial scenerio by Dr G Pushpa Raj, Dr Pappu Raj, Dr Jaga Patricks, Engineering materials by Associate Professor Dr Sandhya Cole, Acharya Nagarjuna University

#### **20. Student Training's: 16**

1. CARBOHYDRATE ANALYSIS MANA TV SAPNET LIVE recording program by Department of Biochemistry
2. Free coaching for Bank exam by APBC corporation
3. Maintenance of Medicinal Plants by Department of Botany
4. Workshop on Surf preparation
5. Drip Irrigation by Department of Botany
6. Students Training on Aqua farming & Vermi composting
7. Five days training on Floriculture
8. Students getting trained on MATLAB at Andhra Loyola College of Engineering and Technology for two days
9. Student internship at Andhra Hospitals
10. Workshop on e-waste management to students
11. Students participation in " Sankhya" workshop conducted by Statistics Department of Andhra Loyola College
12. Commerce students got training by "Our State Our Taste"
13. Group discussion on Indian budget by Department of Economics
14. Workshop on Science, Scientific temper and challenges for Better India in colloboration with Jana Vignana Vedika, Vijayawada
15. A Two Day State level Exhibition Cum Sale of Arts and Crafts conducted by Social Work Department in Colloboration with NGO's
16. Orientation class on SAP FICO

#### **24. National Festivals: 4**

#### **25. Women Empowerment Cell Activities: 6**

1. Medical camp for Girl students in Colloboration with Ayush Hospitals and District Medical Health officer
2. Women staff and Girl students participated in Women Parliament celebrations at Siddhartha Auditorium conducted by AP State Government
3. Girl students trained in Handmade ornaments and stall is arranged in the college

4. Girl students arranged Stalls of Handmade ornaments and Body mass index testing at Achievement is Beauty celebrations at Siddhartha Auditorium in Colloboration with Taruni Tarangalu
5. International Womens day celebrations in College in colloboration with Taruni Tarangalu organisation for three days
6. Voice of protest on Kathua-Unnava Harrasment incident