

**Government Arts college (Autonomous), Coimbatore – 18
Performance - Teacher Appraisal Report**



i) General Information

a) Name: Dr.A.P.SRIKANTH

b) Address (Residential):T1,AV Nest Apartment, Parasakthi Nagar,
Ganapathy, Coimbatore- 641 006
MobileNo.:9884230206

c) Designation: Assistant Professor

d) Department: PG& Research Department of Chemistry

e) Date of Birth: 10.05.1972

f) Area of Specialization:Electrochemistry- Corrosion

A) Academic Qualifications

| Exam Passed | Subjects | Board/ University | Year | Division/ Grade/ Merit, etc. |
|---------------------------------------|---|--|-------------|---|
| High School (10th) | Tamil,English, Maths,Science, History, Geography | State Board (Tamil Nadu) | 1987 | I Class 79.6% |
| Higher Secondary or Pre-degree(+2) | Tamil, English,Maths, Biology,Physics ,Chemistry | State Board (Tamil Nadu) | 1989 | I Class 68.9% |
| Bachelor's Degree (s) | B.Sc Chemistry | Madurai kamaraj University, Madurai | 1992 | I Class 70.2% |

| | | | | |
|----------------------------------|-------------------------------|-------------------------------------|------|-------------------------------------|
| Master's Degree (s) | M.Sc Chemistry | Madurai kamaraj University, Madurai | 1994 | I Class 62.7% |
| Research Degree (s) | Ph.D Electro chemistry | Anna University, Chennai | 2006 | Highly Recommended by the Examiners |
| Other Diploma/ Certificates etc. | B.Ed, Tamil, Physical science | Alagappa University, Karaikudi | 1995 | I Class |

ii) Research Experience & Training

| Research Stage | Title of work / Thesis | University where the work was carried out |
|--|---|---|
| M. Phil. or Equivalent | - | - |
| Ph. D. | Synthesis Characterzation and corrosion protection properties of organic polymer coatings on mild steel | Anna University, Chennai. |
| Post-Doctoral | - | - |
| Publications (give a list separately) | List enclosed(Appendix A)& B | - |
| Research Guidance (give names of students guided successfully) | Mr. M. Karuppusamy-M.Phil Mr. P.R.Sivakumar- Ph.D Ms. Visalakshi- M.Phil | Bharathiar University |
| Training (please specify) | Ms. R.Jeevitha- Doing M.Phil Mrs.M.J.Judithaa- Doing Ph.D | Bharathiar University |

B) Research Projects carried out

| S. No. | Title of the Project | Name of the Funding Agency | Duration | Remarks |
|--------|----------------------|----------------------------|----------|---------|
| | - | - | - | - |

C) Seminars, Conferences, Symposia Workshops etc. attended *(If necessary give a separate list)*

| Name of the Seminars / Conferences / Symposia / Workshops etc | Name of the Sponsoring Agency | Place and Date |
|---|---------------------------------------|--|
| Refresher Course | UGC Human Resource Development Centre | Madurai kamaraj University 09.03.2018- 29.03.2018 |

iii) Teaching Experience

| Courses Taught | Name of the University / College / Institution | Duration |
|--|--|---|
| iv) UG (BA / B.Sc. , etc. Pass) (BA / B.Sc., etc. Hons.) | Govt.Arts college- Cheyyar Govt.Arts college- Coimbatore (Autonomous) | 09.07.2009 - 23.07.2012 24.07.2012 - Till Date |
| v) PG (MA / M.Sc. , etc.) Chemistry | Govt.Arts college- Coimbatore (Autonomous) | June 2013 - Till Date |
| vi) M. Phil. & Ph.D | Govt.Arts college- Coimbatore (Autonomous) | September 2013- Till Date |
| vii) Any other(BE First year & Final year) | Anna University Chennai Affiliated colleges | december 1996 - 30.06.2009 |

Total Teaching Experience (in years and months) : 22.5 years

a) Under-graduate (Pass) : 22.5 years

b) Under-graduate (Hons.) :

c) Post-graduate : 6 years

viii) Innovations/ Contributions in Teaching (If necessary give a separate list)

| | |
|--|---|
| a) Design of Curriculum : | Board of study members in CMS college,Coimbatore Allied Chemistry 2014 onwards |
| b) Teaching methods : | Lectures, Group discussions, Seminars, Powerpoint presentation,Industrial visit and Training |
| c) Laboratory experiments : | Conducting lab experiments based on syllabus and conducting Viva-Voce |
| d) Evaluation methods : | Assesment test, seminars, problem solving,Decision making experiments,Attentiveness of the student is periodically watched, projects. |
| e) Preparation of resource material including books, reading materials, laboratory manuals etc.: | (i)Mainly prescribed text books (ii)Consultation with senior professors (iii)Journal & magazines (iv)Internet, magazines, Newspapers |
| f) Remedial Teaching / Student Counseling (academic) : | Special coaching classes,Identifying students problems, helping them in solving problems, Parental counseling. |
| g) Any other : | Tutor for UG(2017 – current page) students, Periodical counseling to students of the Dept/ College in the guidance and counseling centre and conducting Yoga(Yoga-coordinator) |

ix) Extension Work/ Community Service (If necessary give a separate list)

a) Please give a short account of your contribution to:

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc.

Creating awareness about the basic values, Interpersonal skills,Social skills, Prosocial behavior among students and members in the community, etc.

ii) National Literacy Mission : Creating awareness about the importance and values of literacy.

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity

D. Participation in Corporate Life

Please give a short account your contribution to:

| | |
|--|---|
| a) College/ University / Institution | Helping the Principal, HOD in the departmental activities, maintains discipline in the campus, motivates the students to join all the extracurricular activities. |
| b) Co-curricular Activities | – |
| c) Enrichment of Campus Life (Hostels, sports, games, cultural activities) | – |
| d) Students Welfare and Discipline | Periodical counseling to the students, their parents and the family members in the guidance and counseling centre, training Yoga |
| e) Membership / Participation in Bodies / Committees on Education and National Development | Member – Board of studies, syllabus framing, External and External Examiner in theory Examinations. |
| f) Professional Organization of Teachers | – |

E.

(a) Membership of Professional Bodies, Societies etc. Indian society for Technical Education

(b) Editorship of Journals : JENT Journal.

F. Any other information

(Signature of the Teacher)

APPENDIX-A
Research Experience & Training: List of Publications

I. Publications (International / National)

Paper Published in the International journals

1. **A.P. Srikanth**, T.G. Sunitha, S. Nanjundan, N. Rajendran, Synthesis, characterization, and corrosion protection properties of poly (N-(acryloyloxymethyl) benzotriazole-co-methyl methacrylate) on mild steel, **Progress in Organic Coatings**, 56 (2006) 120–125.
2. **A.P. Srikanth**, T.G. Sunitha, V. Raman, S. Nanjundan, N. Rajendran, Synthesis, characterization and corrosion protection properties of poly(N-(acryloyloxymethyl) benzotriazole-co-glycidyl methacrylate) coatings on mild steel, **Materials Chemistry and Physics**, 103 (2007) 241–247
3. **A.P. Srikanth**, V. Raman and S. Tamilselvi, Electropolymerization and corrosion protection of polyaniline and its copolymer on carbon steel, **Anti-Corrosion Methods and Materials**, 55/1 (2008) 3–9.
4. **A.P. Srikanth**, A. Lavanya, S. Nanjundan, N. Rajendran, Synthesis, characterization, and corrosion protection properties of poly(N-(methacryloyloxymethyl) benzotriazole-co-methyl methacrylate) on mild steel, **Applied Surface Science**, 253 (2006) 1810–1816.
5. **A.P. Srikanth**, S. Nanjundan, N. Rajendran, Synthesis, characterization and corrosion protection properties of poly(N-(methacryloyloxymethyl) benzotriazole-co-glycidylmethacrylate) coatings on mild steel, **Progress in Organic Coatings**, 60 (2007) 320–327.

Books Published

1. Sridevi Gangan V.Dh. and Srikanth .A.P., Engineering Chemistry I, GKM Publications (2006).
2. Sridevi Gangan V.Dh. and Srikanth .A.P., Engineering Chemistry II, GKM Publications (2006).
3. Dr. Marappan M., Dr.Mohan Krishnan K. and Dr. Srikanth A.P., Engineering Chemistry, Shreem Bhuvanewari Publication (2007), ISBN 978-81-905724-0-8.
4. Dr. Srikanth A.P., Engineering Chemistry, Shreem Bhuvanewari Publication (2007), ISBN 978-81-905724-2-2.

APPENDIX-B

Research Experience & Training: List of Publications

II. Publications (International / National)

1. P. R. Sivakumar, M. Karuppusamy, S. Perumal, A. Elangovan and **A. P. Srikanth**, Corrosion Inhibitive effects of MadhucaLongifolia on mild steel in 1N HCl solution. Journal of Environmental Nanotechnology, vol.no. 4(2), 2015, 31-36.
2. M. Karuppusamy, P. R. Sivakumar, S. Perumal, A. Elangovan and **A. P. Srikanth**, MimusopsElengi Linn plant extract as an efficient green corrosion inhibitor for mild steel in acidic environment. Journal of Environmental Nanotechnology, vol.no. 4(2), 2015, pp 09-15.
3. P. R. Sivakumar and **A. P. Srikanth**, Anticorrosive activity of Santalum Album leaves extract against the corrosion of mild steel in acidic medium. International journal in physical and applied sciences, vol.no. 3 (1), 2016, pp 10-20.
4. P. R. Sivakumar, M.Karuppusamy, K. Vishalakshi and **A. P. Srikanth**, The inhibition of mild steel corrosion in 1N HCl solution by MeliaAzedarach leaves extract. Der Pharma Chemica, 2016, vol.no. 8(12), pp 74-83.

5. P. R. Sivakumar, K. Vishalakshi and **A. P. Srikanth**, Inhibitive action of BombaxMalabricum leaves extract on the corrosion of mild steel in 1N HCl Medium. Journal of Applicable Chemistry, 2016, vol.no. 5(5), pp 1080-1088.
6. P. R. Sivakumar and **A. P. Srikanth**, Inhibiting effect of seeds extract of Pithecellobium Dulce on corrosion of mild steel in 1N HCl medium. International Journal of Engineering, Science and Computing, August 2016, vol.no.6(8), pp 2744-2748
7. K.Vishalakshi, P. R. Sivakumar and **A. P. Srikanth**, TetramelesNudiflora Leaves Extract as Green Corrosion Inhibitor for Mild steel in Hydrochloric Acid Solution. International Organisation Scientific Research Journal of Applied Chemistry, September 2016, vol.no. 9(9), pp 50-55.
8. P. R. Sivakumar and **A. P. Srikanth**, Inhibiting effect of fruits extract of Santalum Album on corrosion of mild steel in Hydrochloric Acid solution. International Organisation Scientific Research Journal of Applied Chemistry, Oct 2016, vol.no. -369(10), pp 29
9. P. R. Sivakumar and **A. P.Srikanth**, Inhibitive action of aqueous extract of Holopteleaintegrifolia leaves for the corrosion of mild steel in 1N HCl solution Der Pharma Chemica, 2016, vol.no. 8(19), pp 433-440
10. K. Vishalakshi, P. R. Sivakumar and **A. P. Srikanth**, Analysis of Corrosion Resistance Behavior of Green Inhibitors on Mild Steel in 1N HCl Medium Using Electrochemical Techniques, Der Pharma Chemica, 2016, vol.no. 8(19), pp 548-553
11. P. R. Sivakumar, M. Karuppusamy, K. Vishalakshi and **A. P. Srikanth**, Inhibitory effect of MicheliaChampaca leaves extracts on the corrosion of mild steel in 1N HCl acid: A Green Approach, IOSRD, International Journal of Chemistry Vol.no.4, Issue1, January 2017, pp. no. 14-18
12. P. R. Sivakumar and **A. P. Srikanth**, Anticorrosive Activity of Schereaberasweietenoids Leaves as Green Inhibitor for Mild Steel in Acidic Solution. **Asian Journal of Chemistry**, Vol.no.29. 2(2017), pp 274-278.

13. P. R. Sivakumar, and **A. P. Srikanth**, Ziziphus jujube leaves extract as green corrosion inhibitor for mild steel in 1N hydrochloric acid Medium. Journal of Applicable Chemistry, 2017, vol.no. 6(4), pp 476-483.
14. P. R. Sivakumar, **A. P. Srikanth** and S.Muthumanikam the corrosion inhibition and adsorption properties of ecofriendly green inhibitor - A comparative study, **International journal of chemtech research**, Vol.10. 12(2017), pp 386-398.
15. P. R. Sivakumar, M. Karuppusamy, and **A. P. Srikanth**, Corrosion inhibition of mild steel in 1N HCl media using MillingtoniaHortensis leaves extract, International Organisation Scientific Research Journal of Applied Chemistry, Oct 2017, vol.no.(10), pp 65-70
16. P. R. Sivakumar, and **A. P. Srikanth**, Eco friendly green Inhibitor for corrosion of mild steel in 1N 1N hydrochloric acid Medium. Journal of Applicable Chemistry, 2018, vol.no. 7(1), pp 239-249.
17. P. R. Sivakumar, and **A. P. Srikanth**, Gloriosasuperbalinn extract as ecofriendly inhibitor for mild steel in acid medium: A comparative study, **Asian Journal of Chemistry**, Vol.no.30. 3(2018), pp 513-519.
18. P. R. Sivakumar, M. Karuppusamy, and **A. P. Srikanth**, Pithecellobiumdulce extracts as corrosion inhibitor for mild steel in acid medium, Der Pharma Chemica, 2018, vol.no. 10, pp 22-28
19. Jeevitha. R, Judithaa. M.J, Sunder selwyn. T and **Srikanth. A.P**, LitseaDeccanensis Leaves Extract as Corrosion Inhibitor for Mild Steel in 1N HCL Medium, IOSR Journal of Applied Chemistry (IOSR-JAC), 12, 4, 57-64, 2019.
20. Judithaa. M.J, Jeevitha. R and **Srikanth. A.P**, Corrosion Resistance of Mild Steel Using HarpuliaArborea Leaves As Green Inhibitor in HCL Medium, IOSR Journal of Applied Chemistry (IOSR-JAC), 12, 3, 77-82, 2019.
21. M.J. Judithaa, R. Jeevitha and **A.P. Srikanth**, Anticorrosive Behaviour of Aqueous Extract of Markhamialutea Leaves in Acid Medium Journal of Applicable Chemistry, 8, 1, 351-358, 2019.

22. P.R. Sivakumar, M. Karuppusamy, R. Jeevitha, M.J. Judithaa and **A.P. Srikanth**, Corrosion Protection of Mild Steel in Hydrochloric acid Medium by Dalgerbialatifolia Leaves Extract, Journal of Applicable Chemistry, 8, 1, 366-374, 2019.
23. R. Jeevitha, M.J. Judithaa, T. Sunder Selwynand **A.P. Srikanth**, Atalantia monophylla acted as eco-friendly inhibitor for mild steel in 1N HCl media, **Oriental journal of chemistry**, 35, 3 2019.
24. Jeevitha. R, Judithaa. M.J, and **Srikanth. A.P**, The study of Mallotous philippensis leaves extract as green inhibitor of mild steel in 1N HCl medium, IOSR Journal of Applied Chemistry (IOSR-JAC), 12, 7, 16-22, 2019.

