



SARASWATI EDUCATION SOCIETY'S
RASWATI COLLEGE OF ENGINEERING, NAVI MUMBAI, KHARGHAR
DEPARTMENT OF ENGINEERING SCIENCES & HUMANITIES

year 2015-16

| Sr. No | Name of the faculty | Publication type (please tick) | | Title of paper | Name of Journal/Conference and publisher/organiser |
|--------|---------------------|--------------------------------|------------|---|--|
| | | Journal | Conference | | |
| 1 | Dr. S V Lathkar | | * | square test for independence of attributes a case | ICAST-15 |
| 2 | Ms. Reshma Chavan | | * | square test for independence of attributes a case | ICAST-15 |
| 3 | Dr. Prakash Bhadane | * | | Structural, Electrical and Optical Studies on Spray Deposited Titanium Dioxide (TiO ₂) Thin Films | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 ISSN 2229-5518 |
| 4 | Dr. Suhas Sabnis | * | | Structural, Electrical and Optical Studies on Spray Deposited Titanium Dioxide (TiO ₂) Thin Films | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 ISSN 2229-5518 |
| 5 | Mrs. Rekha Jawale | * | | Structural, Electrical and Optical Studies on Spray Deposited Titanium Dioxide | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December- |

| | | | | | | |
|---|------------------------|---|--|---|---|---|
| 6 | Prof. Sayali Choudhari | * | | | Effectiveness of Mindscheduling and Group Scheduling In Optimisation | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015; ISSN 2229-5518 |
| 7 | Mrs. Kalyani Hande | * | | | Applications of Fourier series in communication system | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015; ISSN 2229-5519 |
| 8 | Ms. Farha Vanu | * | | | Applications of Fourier series in communication system | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015; ISSN 2229-5520 |
| 9 | Dr. Sunita Pal | * | | | Endosulfan – A Disastrous Pesticide | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015; ISSN 2229-5521 |
| | | | | * | Synthesis of bio-based graft copolymers using radical polymerization reaction | ICAST-15 |

| | | | | | | |
|--|--|---|--|--|---|---|
| | | * | | | Application of Surfactant in various Fields A short review | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015; ISSN 2229-5523 |
| | | * | | | A Review: Importance of Natural Dyes from <i>Solanum xanthocarpum</i> | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 ISSN 2229-5518 |

| | | | | | | |
|----|----------------------|---|--|--|--|--|
| 10 | Mrs. Sindhu Tayade | * | | | Application of Surfactant in various Fields A short review | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 ISSN 2229-5519 |
| | | * | | | Endosulfan – A Disastrous Pesticide | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 |
| | | * | | | Medicinal alkaloids from solanum xanthocarpum | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 International Journal of Scientific & |
| 11 | Mrs. Swapna Mamidwar | * | | | A Review on effect of various contaminants on soil productivity and quality. | of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 International Journal of Scientific & Engineering Research, Volume 6, |
| 12 | Ms. Shital Sonawane | * | | | Application of Surfactant in various Fields A short review | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December-2015 |
| 13 | Mrs. Varsha Kallokar | * | | | Relation between fourier,Laplace and Z-transforms | of Scientific & Engineering Research, Volume 6, Issue 12, December- |

| | | | | | | |
|----|---------------------|---|--|--|---|---|
| 14 | Mrs. Sunita Salunke | * | | | Relation between fourier,Laplace and Z-transforms | International Journal of Scientific & Engineering Research, Volume 6, Issue 12, December- 2016 |
|----|---------------------|---|--|--|---|---|

year 2014-15

| Sr. No | Name of the faculty | Publication type (please tick) | | | | Title of paper | Name of Journal/Conference and publisher/orga | Year |
|-----------------------|---------------------|--------------------------------|---------------|------------|---------------|--|---|------|
| | | Journal | | Conference | | | | |
| | | National | International | National | International | | | |
| Dr. Seema Lathkar | | | * | | | Significance and consequences of statistical methods in science and engineering research | IJSER | 2014 |
| Prof Sayali Choudhary | | | * | | * | Flow Shop Scheduling Problems –A Survey” | IJSER | 2014 |
| | | | * | | * | A comparison of flow shop scheduling problem using branch and bound technique, proposed method and Plamer’s heuristic” | IJSER | 2014 |
| Mrs. Sindhu Tayade | | | * | | | Purification of alkaloids from Solanum Xanthocarpum leaves | Rexjournal ISSN2321-1067 | 2014 |
| | | | | | * | clinical potential of Solanum Xanthocarpum:A Review | ICAST-14,SCOE | 2014 |
| | | | * | | | Comparative Study of Different Surfactant for the extraction of alkaloids from solanum xanthocarpum | IJSER | 2014 |
| | | | | | * | clinical potential of Solanum Xanthocarpum:A Review | ICAST-14,SCOE | 2014 |
| Mrs. Swapna Mamidwar | | | * | | | study of micronutrients content in soil samples of konken Region, Ratnagiri District Maharashtra state | IJSER | 2014 |
| Dr. Sunita Pal | | | * | | | Green materials for removal of dyes present in wastewater | IJSER | 2014 |
| | | | | | * | structural and magnetic properties of MnCo ₂ O ₄ spinel multiferroic | IIITM, Gwalior | 2014 |
| | | | | | * | PREPRATION OF BIOBASED GREEN GELS FROM NATURAL BIOMATERIALS | IIITM, Gwalior | 2014 |
| | * | | | | | polysaccharide based Green Materials for wastewater treatment | NCFCM,PUNE BARAMATI | 2014 |

| | | | | | | | | |
|---------------------|---|--|--|--|---|---|--------------------|------|
| RAM BHISE | * | | | | | Power and political rrealtyin Badal sircar's play"Tringsha Shatabdi | IJL(ISSN2349-5189) | 2014 |
| Ms. Reshma Chavan | | | | | * | the probability distribution of the sum of several aproach to a Normal Distribution | IJSER | 2014 |
| Mrs. Sunita salunke | | | | | * | a study of formal triangular matrix rings | ICAST-14,SCOE | 2014 |
| Mrs. Neema Bisht | | | | | * | waste water management:Abrief review | ICAST-14,SCOE | 2014 |

year :2013-14

| Sr. No | Name of the faculty | Publication type (please tick) | | | | Title of paper | Name of Journal/Conference and publisher/org | Year |
|--------|---------------------|--------------------------------|---------------|------------|--|---|--|------|
| | | Journal | | Conference | | | | |
| | | National | International | National | International | | | |
| 1 | Prof.Seema Lathkar | | | | * | Innovation in Air Traffic Strategy Using Game Theory | IJBMR | 2013 |
| | | | | | * | Analysis Of Game Theory and Relevance in Engineering | IUSER | 2014 |
| | | | | | * | Mathematical Logic Implementation Of Game Theory For Web Security - An Interdisciplinary Approach in the Field Of Mathematics | IJMSEA | 2014 |
| | | | | | * | Implementation of Game Theory for Network Load Balancing-An Interdisciplinary Approach | IUSER | 2013 |
| | | | | | * | Decision-Making and Study of Different Types of Operations Research Games | IRJCBSS | 2013 |
| | | | | | * | Improving power of "Game Theory" in strategic sourcing: How to bridge the gap in theory and practice? | IJMR | 2014 |
| | | | | | * | Characterisation of public and private monitoring technologies | IJAMTES | 2013 |
| 2 | Dr. Sunita Pal | | | * | Synthesis and Characterisation of Green Material for Water Remediation | NCANR-JAMIA MILLA NEW DELHI | 2014 | |
| | | | | * | A Novel Technology for Preparation of Polysaccharide based Hydrogels and its Application in Wastewater Treatment | NCASMC, UNIV OF MUMBAI | 2014 | |
| | | | | * | Polyacrylonitrile-Grafted Drumstick Mucilage: A Renewable Reservoir to Polymeric Materials | NCBRST, NEW DELHI | 2013 | |

| | | | | | | | |
|---|--------------------|--|--|---|---|-------------------------|------|
| 3 | Dr. Neha Sharma | | | * | An Empirical Study on Software Piracy in The Indian Software Industry in the context of Market Dynamics | BOOK CONNAISS | 2014 |
| | | | | * | An Empirical Study on Factors Affecting Software Piracy in the Indian Software Industry | Uttranchal Review | 2013 |
| 4 | Prof S. M. Sabnis, | | | * | Process flow of spray pyrolysis technique | IOSR JOURNAL OF PHUSICS | 2013 |
| | | | | * | Interfacing of Java 3D objects for Virtual Physics Lab (VPLab) Setup for encouraging Physics Studies | IOSR JOURNAL OF PHYSICS | 2013 |
| | | | | * | Online Physics Laboratory- Just In Time Experiment for Research Scholar | IJSER | 2013 |
| | | | | * | Feasibility Study of New Techniques: Spray Pyrolysis Simulation | IJSER | 2013 |
| | | | | * | Manufacturing MgO Slim Films for improved morphology, crystalline structure and deposition rate by modified squirt pyrolysis method | IJPMS | 2014 |
| | | | | * | Process flow of spray pyrolysis technique | IOSR JOURNAL OF PHUSICS | 2013 |
| | | | | * | Interfacing of Java 3D objects for Virtual Physics Lab (VPLab) Setup for encouraging Physics Studies | IOSR JOURNAL OF PHYSICS | 2013 |
| | | | | * | Online Physics Laboratory- Just In Time Experiment for Research Scholar | IJSER | 2013 |

| | | | | | | | |
|---|-------------------------|---|--|---|--|--------------------|------|
| | | | | | | | |
| | Prof.Prakash A. Bhadane | | | | | | |
| 5 | | | | * | Measuring and comparing the kinetic energy vs. frequency and current vs. wavelength characteristics of different cathode material in virtual photoemission toolbut with the same light intensity | IJPMS | 2014 |
| | | | | * | Substituting computer simulations based virtual appatatus for photoemmission phenomenomenon with different cathode material in physics laboratory | IJPMS | 2014 |
| 5 | Prof Sayali Choudhary | * | | | “Advanced techniques in machine scheduling” | NEAET-2025,UDAIPUR | 2014 |
| | | * | | | “Scheduling in Education System on Government Agenda” | NEAET-2025,UDAIPUR | 2014 |

Year 2012-13

| Sr. No | Name of the faculty | Publication type (please tick) | | | | Title of paper | of Journal/Conference |
|--------|---------------------|--------------------------------|---------------|------------|---------------|--|-----------------------|
| | | Journal | | Conference | | | |
| | | National | International | National | International | | |
| | Prof. Ram Bhise | | * | | * | A Panoramic view of Badal Sircar's Third Theatre | ILE |
| | Prof. Sindhu Tayade | | | * | | salanum xanthocarpum:remedial approach towards genetic disease | |

year 2011-12

| Sr. No | Name of the faculty | Publication type (please tick) | | | | Title of paper | Name of Journal/Conference and publisher/organiser | Year |
|--------|----------------------|--------------------------------|---------------|------------|---------------|---|--|------|
| | | Journal | | Conference | | | | |
| | | National | International | National | International | | | |
| 1 | Dr. P . N. Deshmukh, | * | | * | | Elimination Of Harmonics And Improvement Of Displacement Factor. | Bionano Frontier(ISSN0974-0678) | |
| | | * | | * | | Synthesis of 3,5 -Diary-1-Substituted Pyrazolines | Bionano Frontier(ISSN0974-0678) | 2011 |
| 2 | Prof Seema Lathkar | * | | * | | Renewable Energy Technologies and Opportunities in Industrial Sector | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Electricity Pricing Reforms: An Urgent Need of Hour in India | Bionano Frontier(ISSN0974-0680) | 2011 |
| | | * | | * | | Elimination Of Harmonics And Improvement Of Displacement Factor. | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | An Analysis Of Evolution , Forms And Applications Of Game Theory | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Appliaction of Matrices For Coding Message | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Extreme value Distribution and Frequency Analysis of Hydrologic data.... A Case Study | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Non-Conventional Geothermal Energy(India): Survey | Bionano Frontier(ISSN0974-0678) | 2011 |

| | | | | | | | | |
|----|-------------------|---|--|---|--|---|---------------------------------|------|
| 4 | Sabnis S. M. | * | | * | | Electricity Pricing Reforms: An Urgent Need of Hour in India | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Renewable Energy Technologies and Opportunities in Industrial Sector | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Renewable and non renewable Energy sources: A Study On Current Trends And Industry Adoption | Bionano Frontier(ISSN0974-0688) | 2011 |
| 5 | Geetanjali Mishra | * | | * | | Elimination Of Harmonics And Improvement Of Displacement Factor. | Bionano Frontier(ISSN0974-0678) | 2011 |
| 7 | Sayali Chaudhari, | * | | * | | Fast fourier Transform | Bionano Frontier(ISSN0974-0678) | |
| | | * | | * | | Mathematics Laboratory An Alternate Teaching Method In Engineering Studies | Bionano Frontier(ISSN0974-0691) | 2011 |
| 8 | Shivani Agrawal, | * | | * | | Appliacation of Matrices For Coding Message | Bionano Frontier(ISSN0974-0692) | |
| | | * | | * | | Extreme value Distribution and Frequency Analysis of Hydrologic data.... A Case Study | Bionano Frontier(ISSN0974-0693) | 2011 |
| 9 | Ashwin Chavan, | * | | * | | Fast fourier Transform | Bionano Frontier(ISSN0974-0694) | 2011 |
| 10 | Bhadane P. A. | * | | * | | Electricity Pricing Reforms: An Urgent Need of Hour in India | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | Elimination Of Harmonics And Improvement Of Displacement Factor. | Bionano Frontier(ISSN0974-0678) | 2011 |
| | | * | | * | | An Analysis Of Evolution , Forms And Applications Of Game Theory | Bionano Frontier(ISSN0974-0678) | 2011 |
| 11 | Bhise Ram | * | | * | | Relevance and Importance of Modern Technology For ELT and Learning | Bionano Frontier(ISSN0974-0678) | 2011 |
| 12 | Sindhu Tayade | * | | * | | Behaviour of Solanum xanthocarpum leaves Alkaloids due to Surfactants | Bionano Frontier(ISSN0974-0678) | 2011 |

PHD/Mphil Certificate

Sr. No. Name
 1 Dr. Seema Lathkar
 2 Dr. Suhas sabnis
 3 Dr. P A Bhadane
 4 Dr. Sunita Pal
 5 Mrs. Sindhu Tayade
 6 Mr. Ram Bhise

 7 Mrs. Sunita Salunke

| Name of the Degree | Degree Certificate | Phd Persuing |
|--------------------|--------------------|--------------|
| Mphil and PHD | ok | |
| PHD | awaited | |
| PHD | awaited | |
| PHD | ok | |
| MPHIL | ok | * |
| MPHIL | ok | * |
| MPHIL | ok | |