

**WISE-KIRAN Division**  
**List of projects Sanctioned during 2017-18 under**  
**Women Scientists Scheme-A (WOS-A)**

Sl. No.	Project details	PI's details	Total Cost (In Rs)
<b>PHYSICAL &amp; MATHEMATICAL SCIENCES</b>			
<b>1.</b>	<b>SR/WOS-A/PM-1040/2015</b> Anti-reflective and dust mitigation coating on dye sensitized solar cells (DSSCs)	Dr Mamata Pradhan Indian Institute of Technology Bombay, Powai, Mumbai-400076 <b>Maharashtra</b>	<b>2670000</b>
<b>2.</b>	<b>SR/WOS-A/PM-13/2016</b> Contributions to cost efficient trend free factorial designs	Ms Puja Thapiyal Sri Venkateswara College, (University of Delhi), New Delhi-110021 <b>Delhi</b>	<b>1790000</b>
<b>3.</b>	<b>SR/WOS-A/PM-26/2016</b> Studies on binary and multicluster fission	Ms. Annu Cyriac Kannur University, Swami Anandatheertha Campus, P.O. Edat, Payyanur-670327 <b>Kerala</b>	<b>1860000</b>
<b>4.</b>	<b>SR/WOS-A/PM-31/2016</b> Primes of the form $x^2 + ny^2$ with Legendre(x m) = $\pm 1$ , Legendre (y m) = 0 and Legendre(x m) = 0, Legendre (y m) = $\pm 1$ for some $m \in \mathbb{N}$ and related problems.	Dr. Sushma Palimar Indian Institute of Science, Bangalore <b>Karnataka</b>	<b>2410000</b>
<b>5.</b>	<b>SR/WOS-A/PM-32/2016</b> Voice call transfer service between Wi-Fi enabled android Smartphone and tablets without using internet	Ms Naga Pavani Mulpuri Hyderabad Institute of Technology and Management, Ranga Reddy Hyderabad-501401 <b>Telangana</b>	<b>1815000</b>
<b>6.</b>	<b>SR/WOS-A/PM-40/2016</b> Nonlinearities in semiconductor optical amplifiers (SOA)	Dr. Pragya Hejib University of Delhi, South Campus, New Delhi-110021 <b>Delhi</b>	<b>2940000</b>
<b>7.</b>	<b>SR/WOS-A/PM-41/2016</b> Design of hybrid materials for security printing using nanophosphors/magnetic nanoparticles	Dr. Geeta Sharma National Chemical Laboratory, Pune-411008, <b>Maharashtra</b>	<b>2838000</b>

<b>8.</b>	<b>SR/WOS-A/PM-43/2016</b> Investigation on topological indices	Ms T Deepika Vijayanagara Sri Krishnadevaraya University, Ballari-583105 <b>Karnataka</b>	<b>970000</b>
<b>9.</b>	<b>SR/WOS-A/PM-44/2016</b> Synthesis & characterization of environmental friendly thermoelectric materials for renewable energy applications	Ms Sarita Devi Sharma GGS Indraprastha University, Sector-16 C, New Delhi-110078 <b>Delhi</b>	<b>2342000</b>
<b>10.</b>	<b>SR/WOS-A/PM-47/2016</b> Substitution induced multifunctional behavior of oxide materials	Dr Deepika Tripathi Barkatullah University, Bhopal-462026 <b>Madhya Pradesh</b>	<b>2620000</b>
<b>11.</b>	<b>SR/WOS-A/PM-52/2016</b> Stochastic thermodynamics of non-equilibrium spin-transport in nano-magnets	Dr. Swarnali Bandopadhyay Institute of Physics, Sachivalaya Marg, Bhubaneswar-751005 <b>Odisha</b>	<b>2790000</b>
<b>12.</b>	<b>SR/WOS-A/PM-60/2016</b> Development of high-performance nano cathode material system for the next generation low temperature solid oxide fuel cells	Dr. Chilkamarri Sameera Osmania University, Hyderabad-500007 <b>Telangana</b>	<b>2570000</b>
<b>13.</b>	<b>SR/WOS-A/PM-65/2016</b> Tailoring the properties of InGaN/TiO <sub>2</sub> nano-heterostructures for the fabrication of efficient water splitters	Dr. C Saraswathi Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore-560064 <b>Karnataka</b>	<b>3168000</b>
<b>14.</b>	<b>SR/WOS-A/PM-72/2016</b> Encapsulate Nanostructured Metal Oxides for Gas sensing applications	Dr. Sonalika Agarwal Malaviya National Institute of Technology, Jaipur-302017, <b>Rajasthan</b>	<b>2948000</b>
<b>15.</b>	<b>SR/WOS-A/PM-73/2016</b> Study on asymptotic powers of ideals and modules	Dr. Priti Singh Banaras Hindu University, Varanasi-221005, <b>Uttar Pradesh</b>	<b>2391000</b>
<b>16.</b>	<b>SR/WOS-A/PM-76/2016</b> Multiferroic magnetoelectric composites: Structure and property correlations	Dr. K.S. Deepa Mohanlal Sukhadia University, Udaipur-313001, <b>Rajasthan</b>	<b>3200500</b>

<b>17.</b>	<b>SR/WOS-A/PM-77/2016</b> Measure and aggregation operators on fuzz / intuitionistic soft sets with applications in decision-making	Ms Rishu Arora Thapar University, Patiala-147004 <b>Punjab</b>	<b>1390000</b>
<b>18.</b>	<b>SR/WOS-A/PM-78/2016</b> Fault tolerability of variants of hypercubes and its related aspects	Dr. Smruti Ashok Mane Savitribai Phule Pune University, Pune-411007. <b>Maharashtra</b>	<b>2352000</b>
<b>19.</b>	<b>SR/WO-A/PM-79/2016</b> A theoretical approach to nano-structured correlated systems	Dr. Sudipta Koley North Eastern Hill University, Shillong-793022 <b>Meghalaya</b>	<b>2770000</b>
<b>20.</b>	<b>SR/WOS-A/PM-80/2016</b> Effect of dust particles on blast waves produced by nuclear explosion	Dr. Meera Chadha Netaji Subhas Institute of Technology, Dwarka, New Delhi-110078, <b>Delhi</b>	<b>2540000</b>
<b>21.</b>	<b>SR/WO-A/PM-82/2016</b> Studies of various alkali metal oxides containing calcium silicate glasses as substrate for solar cell application	Ms Neetu Bansal Thapar University, Patiala-147004, <b>Punjab</b>	<b>2370000</b>
<b>22.</b>	<b>SR/WOS-A/PM-83/2016</b> Spectroscopy of the solar corona using ground and space based observations	Ms Maya Prabhakar Indian Institute of Astrophysics, Bangalore-560034, <b>Karnataka</b>	<b>1414000</b>
<b>23.</b>	<b>SR/WO-A/PM-88/2016</b> Organic Solar Cells Using Liquid Crystal Nano Composites	Ms. Akanksha Khare University of Allahabad, Allahabad <b>Uttar Pradesh</b>	<b>1809000</b>
<b>24.</b>	<b>SR/WOS-A/PM-89/2016</b> Designing and fabrication of planar broad-band microstrip microstrip antennas for bio-medical applications	Dr Sumita Shekhawat University of Rajasthan, Jaipur-302004, <b>Rajasthan</b>	<b>3160000</b>
<b>25.</b>	<b>SR/WO-A/PM-90/2016</b> EID based repetitive control design for fuzzy dynamical systems	Ms S. Mohanapriya Anna University, Regional Centre, Coimbatore-641046, <b>Tamil Nadu</b>	<b>1765000</b>

<b>26.</b>	<b>SR/WOS-A/PM-91/2016</b> Synthesis, characterization and effect of swift heavy ion irradiation on doped perovskites	Ms Samiya Manzoor Aligarh Muslim University, Aligarh-202002, <b>Uttar Pradesh</b>	<b>2188000</b>
<b>27.</b>	<b>SR/WOS-A/PM-95/2016</b> Energetic, Structural and optoelectronic properties of III-V Semiconductor heterostructure nanowires	Ms Trupti K. Gajaria The M.S. University of Baroda, Vadodara-390002, <b>Gujarat</b>	<b>1655000</b>
<b>28.</b>	<b>SR/WOS-A/PM-96/2016</b> of grapheme based composite materials for solar energy applications	Dr. Beauty Pandey Indian Institute of Technology Madras, Chennai-600036, <b>Tamil Nadu</b>	<b>3070000</b>
<b>29.</b>	<b>SR/WOS-A/PM-97/2016</b> Preparation and application of nanocomposite thin films of carbon nanotubes and rare earth oxides as hydrogen gas sensors	Dr. Nipin Kohli Guru Nanak Dev University, Amritsar-143005, <b>Punjab</b>	<b>2838000</b>
<b>30.</b>	<b>SR/WOS-A/PM-98/2016</b> Adaptive reliable mechanism for bio-economic singular fuzzy stochastic system	Ms Susana Ramy Anna University, Chennai-600025, <b>Tamil Nadu</b>	<b>1776500</b>
<b>31.</b>	<b>SR/WOS-A/PM-99/2016</b> First principle studies and synthesis, characterization, physical properties of multiferroics RfeO <sub>3</sub> (R=Bi, Ga, La, Nd) nanoparticles	Dr. E.G. Rini Indian Institute of Technology Indore, Khandwa Road, Simroi, Indore-453552, <b>Madhya Pradesh</b>	<b>3015500</b>
<b>32.</b>	<b>SR/WOS-A/PM-100/2016</b> Analysis of gravitational collapse using classical, semiclassical and stochastic gravity	Dr. Seema Eruch Satin Indian Institute of Science Education & Research Mohali, S.A.S. Nagar, Mohali-140306, <b>Punjab</b>	<b>2201500</b>
<b>33.</b>	<b>SR/WOS-A/PM-101/2016</b> Smart pesticide nano-biosensors for health and environmental safety	Dr. GBVS Lakshmi Jawaharlal Nehru University, New Delhi-110067 <b>Delhi</b>	<b>2770000</b>
<b>34.</b>	<b>SR/WOS-A/PM-102/2016</b> Growth and characterization	Dr Boomadevi Shanmugam National Institute of Technology,	<b>2633500</b>

	of high quality organic dat-2, hm <sub>q</sub> -tms and oh <sub>q</sub> -t crystals for efficient broad band terahertz generation	Tiruchirappalli-620015, <b>Tamil Nadu</b>	
<b>35.</b>	<b>SR/WOS-A/PM-106/2016</b> On some generalized continuous multifunctions and applications	Dr. Chandrani Basu South Asian University, Chanakya Puri, New Delhi-110021 <b>Delhi</b>	<b>2240000</b>
<b>36.</b>	<b>SR/WOS-A/PM-108/2016</b> Growth and optical waveguide formation in new gpi based single crystals	Dr. Shanmuga S Sundari PSGR Krishnammal College for Women, Coimbatore-641004, <b>Tamil Nadu</b>	<b>2770000</b>
<b>37.</b>	<b>SR/WOS-A/PM-109/2016</b> Investigation of fluorescence resonance energy transfer in solution and in ultrathin films and its sensing applications	Ms Jaba Saha Tripura University, Suryamaninagar-799022, <b>Tripura</b>	<b>1196000</b>
<b>38.</b>	<b>SR/WOS-A/PM-111/2016</b> Fabrication of miniature nanostructured MOS gas sensor for detection of NO <sub>2</sub> gas	Dr. Vasanthi Pillay Osmania University, Hyderabad-500007, <b>Telangana</b>	<b>2910500</b>
<b>39.</b>	<b>SR/WOS-A/PM-115/2016</b> Design, synthesis and investigation of morphological dependent activity of Cobalt based catalysts to improve the efficeinecy and efficacy of hydrogen production by electrolysis of water	Ms. Avian Chunduri University of Mumbai, Vidyanagari, Santacruz (E), Mumbai-400098, <b>Maharashtra</b>	<b>2130000</b>
<b>40.</b>	<b>SR/WOS-A/PM-116/2016</b> Development of low-cost CuTiO <sub>x</sub> photocatalyst composite for solar water splitting: Theroretical and experimental investigations	Ms. Asha Yadav University of Mumbai, Vidanagari, Santacruz (E), Mumbai-400098, <b>Maharashtra</b>	<b>986000</b>
<b>41.</b>	<b>SR/WOS-A/PM-117/2016</b> An investigation of beyond standard model physics with special focus on left right supersymmetry	Dr Piyali Banerjee Indian Institute of Technology Bombay, Mumbai-400076, <b>Maharashtra</b>	<b>2356400</b>

<b>42.</b>	<b>SR/WOS-A/PM-1/2017</b> Synthesis and characterization of semiconductor nano-wires using metal assisted chemical etching and its application in field emission and tunable light emitting devices	Dr Gayatri Sahu Indian Institute of Technology Indore, Indore-453552, <b>Madhya Pradesh</b>	<b>3160000</b>
<b>43.</b>	<b>SR/WOS-A/PM-5/2017</b> Next generation photocatalyst for aquatic pollutant degradation	Dr Ranjana Santosh Varma Institute of Chemical Technology, Matunga, Mumbai-400019, <b>Maharashtra</b>	<b>2995500</b>
<b>44.</b>	<b>SR/WOS-A/PM-8/2017</b> Optimal harvesting for a logistic model with grazing	Ms K Balasubramanian Remya Indian Institute of Technology Madras, Chennai-600036, <b>Tamil Nadu</b>	<b>1329000</b>
<b>45.</b>	<b>SR/WOS-A/PM-10/2017</b> Metal oxide semiconductor based hybrid nanostructure for photocatalytic degradation of organic dyes	Ms Kavitha Sahu Guru Gobind Singh Indraprastha University, Sector 16C, Dwarka, New Delhi-110078 <b>Delhi</b>	<b>1699000</b>
<b>46.</b>	<b>SR/WOS-A/PM-20/2017</b> Development of glassy cathodes for Li ion battery	Dr Swati Soman Indian Institute of Technology Bombay, Powai, Mumbai-400076, <b>Maharashtra</b>	<b>2960000</b>
<b>47.</b>	<b>SR/WOS-A/PM-24/2017</b> Study of thermoelectric, magnetocaloric, magnetoresistive and other thermo-physical properties of Huesler Alloys	Dr Papri Dasgupta Jadavpur University, Kolkata-700032, <b>West Bengal</b>	<b>2720000</b>
<b>48.</b>	<b>SR/WOS-A/PM-33/2017</b> Effect of boron substitution on hydrogen storage capacity of organometallic complexes	Ms Priyanka Ashok Tavhare The Institute of Science, 15 Madam Cama Road, Fort, Mumbai-400032, <b>Maharashtra</b>	<b>2175000</b>
<b>49.</b>	<b>SR/WOS-A/PM-38/2017</b> Raman spectroscopy: A tool for studying structural variation and phonon dynamics in rare-earth oxide materials	Dr. Shramana Mishra Indian Institute of Technology, Kharagpur-721302, <b>West Bengal</b>	<b>2360000</b>

<b>50.</b>	<b>SR/WOS-A/PM-13/2017</b> Study of dynamical behavior of nanodusty plasma produced in a reactive gas discharge	Dr Sumita Kumari Sharma Institute of Advanced Study in Science & Technology, Garchuk, Guwahati-35, <b>Assam</b>	<b>3160000</b>
<b>51.</b>	<b>SR/WOS-A/PM-30/2017</b> Functional phosphorene based single electron transistor (SET) for toxic gas sensing application	Dr Gaganpreet Chadha Indian Institute of Science Education and Research, Mohali-140306, <b>Punjab</b>	<b>2456000</b>
<b>52.</b>	<b>SR/WOS-A/PM-32/2017</b> Experimental and Ab initio investigations of electronic, optical and phonon properties of Copper Chalcogenides, $Cu_x$ (X=S, Se and Te)	Dr Kuntal Kabra University of Kota, Kota-304010, <b>Rajasthan</b>	<b>3160000</b>
<b>53.</b>	<b>SR/WOS-A/PM-36/2017</b> Critical dynamics of confined binary fluids	Dr Yogyata Pathania Indian Institute of Science Education and Research, Mohali-140306, <b>Punjab</b>	<b>2698000</b>
<b>CHEMICAL SCIENCES</b>			
<b>54.</b>	<b>SR/WOS-A/CS-7/2016</b> Strategic green synthesis of reusable magnetic silica functionalised with biopolymer as an adsorbent for effective removal of heavy metals, dyes and pesticide	Ms. Uttara Rajendra Joshi Savitribai Phule Pune University, Pune-411007, <b>Maharashtra</b>	<b>2535000</b>
<b>55.</b>	<b>SR/WOS-A/CS-19/2016</b> Ferroelectric polymers- synthesis and characterization PVDF and VDF copolymers	Dr Yotiraja Valli Madabhushi Indian Institute of Chemical Technology, Hyderabad-500007, <b>Telangana</b>	<b>2995500</b>
<b>56.</b>	<b>SR/WOS-A/CS-21/2016</b> Luminescent cyclometalated iridium (III) complexes and its application in protein/DNA interaction, cytotoxicity and cellular uptake	Ms N. Kavitha Alagappa University, Karaikudi-630003, <b>Tamil Nadu</b>	<b>2535000</b>

<b>57.</b>	<b>SR/WOS-A/CS-22/2016</b> Designing benzothiazoles and oxadiazoles through synthesis and DFT-TDDFT studies for better OLED applications	Ms A. Bella Heber College, Tiruchirappalli-620017 <b>Tamil Nadu</b>	<b>2100000</b>
<b>58.</b>	<b>SR/WOS-A/CS-31/2016</b> Development of tumor-specific iron (III)-based metalloprodrugs	Ms. Saikhombinita Chanu National Institute of Technology Manipur, Langol, Imphal-795004 <b>Manipur</b>	<b>1760000</b>
<b>59.</b>	<b>SR/WOS-A/CS-44/2016</b> Investigating the effect of disulfide depletion on therapeutic peptides	Ms Harsha Chilukuri CSIR-NCL, Dr. Homi Bhabha Road, Pashan, Pune-411008 <b>Maharashtra</b>	<b>2040000</b>
<b>60.</b>	<b>SR/WOS-A/CS-54/2016</b> Synthesis of new anti-TB compounds with novel mechanism of action	Ms Bisma Teli Indian Institute of Integrative Medicine, Sanant Nagar, Srinagar-190005, <b>J &amp; K</b>	<b>1730000</b>
<b>61.</b>	<b>SR/WOS-A/CS-60/2016</b> Catalytic asymmetric dearomatization	Dr Suparna Roy CSIR-National Chemical Laboratory, Dr Homi Bhabha Road, Pune-411008, <b>Maharashtra</b>	<b>2890000</b>
<b>62.</b>	<b>SR/WOS-A/CS-65/2016</b> N-Heterocyclic carbene-stabilized silaallenes, silacumulenes, phosphallenes and phosphacumulenes	Dr. Kavitha Velappan Gandhi Institute of Technology and Management, GITAM University, Visakhapatnam-530045 <b>Andhra Pradesh</b>	<b>2385000</b>
<b>63.</b>	<b>SR/WOS-A/CS-73/2016</b> Tuning of pH-responsive behavior of conducting polymer bio-composites for biomedical applications	Dr. Neelima Dubey Kurukshetra University, Kurukshetra-136119, <b>Haryana</b>	<b>2950000</b>
<b>64.</b>	<b>SR/WOS-A/CS-78/2016</b> Synthesis, structure refinement, and polytypism of cation-ordered layered double hydroxides	Ms P Latha Central College Campus, Bangalore-560001, <b>Karnataka</b>	<b>1861500</b>
<b>65.</b>	<b>SR/WOS-A/CS-76/2016</b> Design, development and evaluation of orally bio-available prodrugs of	Dr. Madhavi Suresh Indian Institute of Integrative, Medicine, Canal Road, Jammu-180001,	<b>3000000</b>



	Bergenin	<b>J&amp;K</b>	
<b>66.</b>	<b>SR/WOS-A/CS-82/2016</b> Cationic meso-thienylporphyrins and its transition metal complexes: synthesis, photophysical, electrochemical studies and DNA interaction	Dr. Subramaniam Sujatha National Institute of Technology, Calicut, Kozhikode-673601, <b>Kerala</b>	<b>3030500</b>
<b>67.</b>	<b>SR/WOS-A/CS-90/2016</b> Dynamic study of highly efficient quantum dot sensitized solar cells based on earth abundant metal chalcogenides (MX <sub>2</sub> with M= Fe, Mo, W; X=s, Se) semiconductor as a sensitizer for TiO <sub>2</sub>	Dr Priyanka Pandey Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016 <b>Delhi</b>	<b>2995500</b>
<b>68.</b>	<b>SR/WOS-A/CS-91/2016</b> Application of novel cis-Bimetallic Palladium (II) complex of dinaphthoporphycene as catalyst in Cyanaion of Aryl halides and allylic substitution reactions	Dr. Manasi Dalai University of Hyderabad, Hyderabad-500046 <b>Telangana</b>	<b>3220500</b>
<b>69.</b>	<b>SR/WOS-A/CS-97/2016</b> Design, synthesis, characterization and biological evaluation of cashew nut shell liquid based nanostructured metal organic frameworks	Dr Fahmina Zafar Jamia Millia Islamia, New Delhi-110025 <b>Delhi</b>	<b>2555000</b>
<b>70.</b>	<b>SR/WOS-A/CS-98/2016</b> Design, synthesis characterization and evaluation of anticancer activity of newer 1,3,4-Oxadiazole Derivatives	Ms. Shalini Bajaj SVKM's Narsee Monjee Institute of Management Studies, Vile Parle West, Mumbai-400056, <b>Maharashtra</b>	<b>2397500</b>
<b>71.</b>	<b>SR/WOS-A/CS-110/2016</b> Green synthesis of polymeric beads grafted with metal nanoparticles-decorated grapheme oxide for environmental	Dr. Shraddha Mishra Indian Institute of Technology Kanpur, Kanpur-208016 <b>Uttar Pradesh</b>	<b>2920500</b>

	remediation application		
<b>72.</b>	<b>SR/WOS-A/CS-105/2016</b> Novel polymer supported chiral metal catalysts: asymmetric cross-coupling reactions	Dr. Tamilselvi Chinnusamy Indian Institute of Science Education and Research, Trivandrum-695016 <b>Kerala</b>	<b>2940000</b>
<b>73.</b>	<b>SR/WOS-A/CS-113/2016</b> Design, synthesis and development of E7010 and phenastatin based new class of anticancer agents and their biological evaluation	Dr. Jyothi Vantikommu Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad-500085 <b>Telangana</b>	<b>2589000</b>
<b>74.</b>	<b>SR/WOS-A/CS-114/2016</b> Development of nano composite polymer electrolyte for the application of renewable energy source	Ms Nidhi Asthana University of Allahabad, Allahabad-211002 <b>Uttar Pradesh</b>	<b>1545000</b>
<b>75.</b>	<b>SR/WOS-A/CS-119/2016</b> Design and synthesis of new panchromatic dyes: application in dye sensitized solar cells and detailed study of electron transfer dynamics	Dr. Bijitha Balan National Institute of Interdisciplinary Science & Technology Trivandrum-695019 <b>Kerala</b>	<b>2995500</b>
<b>76.</b>	<b>SR/WOS-A/CS-126/2016</b> Rational design, synthesis and antineoplastic evaluations of anthraquinone derivatives	Ms Bijayashree Mishra Tripura University, Suryamaninagar-799022 <b>Tripura</b>	<b>2302000</b>
<b>77.</b>	<b>SR/WOS-A/CS-129/2016</b> Design and synthesis of new antibacterial agents targeting the cell division protein FtsZ	Dr. Geenanjali Agnihotri Institute of Life Sciences, Nalco Square Bhubaneswar-751023 <b>Odisha</b>	<b>3037500</b>
<b>78.</b>	<b>SR/WOS-A/CS-134/2016</b> Synthesis of chiral liquid crystals and their composites with nanoparticles: development of functional mesophases for applied science	Dr. Uma Siddhalingayya Heremath Centre for Nano and Soft Matter Sciences, Jalahalli, Bengaluru-560013 <b>Karnataka</b>	<b>3665500</b>
<b>79.</b>	<b>SR/WOS-A/CS-136/2016</b> Synthetic probes for	Dr Kiran Bajaj Birla Institute of Technology	<b>2970000</b>

	Staudinger ligation: synthesis and application of phosphane based templates	and Science (BITS), Pilani-333031 <b>Rajasthan</b>	
<b>80.</b>	<b>SR/WOS-A/CS-148/2016</b> Chemical, investigation of bioactive molecules of Cuscuta species and its antiproliferative activity against human cancer cells lines	Ms Zulfa Nooreen CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow-226015 <b>Uttar Pradesh</b>	<b>2205000</b>
<b>81.</b>	<b>SR/WOS-A/CS-165/2016</b> To methanol transformation over metal encapsulated zeolites: A DFT study of mechanism	Dr. Shrabani Dinda CSIR-Indian Institute of Chemical Technology, Hyderabad-500607 <b>Telangana</b>	<b>2421000</b>
<b>82.</b>	<b>SR/WOS-A/CS-169/2016</b> Mass spectrometry based proteomics and PTM studies to discover pre-gestational diabetes biomarkers	Dr. Bhaswati Chatterjee National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad-500037 <b>Telangana</b>	<b>3010000</b>
<b>83.</b>	<b>SR/WOS-A/CS-153/2016</b> Development of bench scale recyclability strategy or value-added utilization of spent sulphate solution: Industrial benefits	Dr. Kuheli Chakrabarty Institute of Minerals & Materials Technology Bhubaneswar-751013, <b>Odisha</b>	<b>2344000</b>
<b>84.</b>	<b>SR/WOS-A/CS-167/2016</b> Mechanistic insights into alkane hydroxylation and halogenation reactions by Non-heme Fe complexes-A DFT study	Dr. Prabha Vadivelu University of Kerala, Kariavattom (P.O.), Thiruvananthapuram-695581, <b>Kerala</b>	<b>3010000</b>
<b>85.</b>	<b>SR/WOS-A/CS-4/2017</b> Coordination chemistry of platinum metals incorporating 2-((2-aminophenyl) diazenyl) phenol based ligands: Studies on physicochemical properties and reactivity	Dr Poulami Pattanayak University of Kalyani, Nadia-741235 <b>West Bangal</b>	<b>3270500</b>
<b>86.</b>	<b>SR/WOS-A/CS-5/2017</b> Sustainable energy storage materials for green buildings	Ms. S Dhivya Anna University, Chennai-600025 <b>Tamil Nadu</b>	<b>2240000</b>

<b>87.</b>	<b>SR/WOS-A/CS-15/2017</b> Metallorganic Chemistry of aluminum-diketiminates and substituted 8-Hydroxyquinolines: bwith poly-application as photo-responsive meterials	Dr Mrinalini Ganapati Walwalkar Indian Institute of Technology Bombay, Powai Mumbai-400076 <b>Maharashtra</b>	<b>3160000</b>
<b>88.</b>	<b>SR/WOS-A/CS-17/2017</b> Clean and enhanced electrolytic method for the removal of perchlorate from drinking water	Dr B Bhuvaneswari Indian Institute of Technology Kanpur, Kanpur-208016 <b>Uttar Pradesh</b>	<b>2664000</b>
<b>89.</b>	<b>SR/WOS-A/CS-22/2017</b> Cyclic aromatic hydrocarbons and nanomaterials for biological applications	Dr. M Besty Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram-695014, <b>Kerala</b>	<b>288500</b>
<b>90.</b>	<b>SR/WOS-A/CS-25/2017</b> Metal complexes, chalcogenide ligands and their nanoparticles: selective sensor for anions & cations	Dr Poornima Singh Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016 <b>Delhi</b>	<b>2962500</b>
<b>91.</b>	<b>SR/WOS-A/CS-26/2017</b> Room temperature biaxial nematogens for promising application in liquid crystal based ultrafast electro-optical devices: Synthesis, characterization and applications	Dr Nazma Begum Indian Institute of Science Education and Research Mohali, S.A.S. Nagar, Mohali-140306, <b>Punjab</b>	<b>2885500</b>
<b>92.</b>	<b>SR/WOS-A/CS-32/2017</b> Synthesis of new fluoro analogues of Bedaquiline and study of their antimycobacterial activity	Dr Yatiraja Valli Madabhushi CSIR-Indian Institute of Chemical Technology, Hyderabad-500007, <b>Telangana</b>	<b>3259500</b>
<b>93.</b>	<b>SR/WOS-A/CS-34/2017</b> Targeting telomeric and oncogene promoter G-quadruplexes by novel aloe active anthraquinone compounds: Spectroscopie and thermodynamic insights into the interaction process	Dr Abhi Das Indian Institute of Chemical Biology, Kolkata-700032, <b>West Bengal</b>	<b>3215000</b>

	and in vitro biological evaluation as anticancer agents		
<b>94.</b>	<b>SR/WOS-A/CS-41/2017</b> Synthesis and evaluation of alginate-chitosan microcapsules for targeted delivery of vitamin B12 producing probiotic strain: in vitro and in vivo approach	Dr. Mamta Kumari National Institute of Food Technology Entrepreneurship and Management (NIFTEM) Kundli, Sonapat-131028, <b>Haryana</b>	<b>3215500</b>
<b>95.</b>	<b>SR/WOS-A/CS-43/2017</b> Photocatalytic degradation of organic pollutants in water using LDH and zeolite nanoparticles	Dr Rasna Devi Tezpur University, Tezpur-784028, <b>Assam</b>	<b>2995500</b>
<b>96.</b>	<b>SR/WOS-A/CS-46/2017</b> Computational design, synthesis and optoelectronic properties of functionalized 1,3,5-triazine compounds and their metal complexes	Ms V. M Vidya National Institute of Technology, Kurukshetra-136119, <b>Haryana</b>	<b>1974000</b>
<b>97.</b>	<b>SR/WOS-A/CS-58/2017</b> Asymmetric dearomatization of phenols and indoles and their application in the total synthesis of complex natural products	Dr. Kiranmai Nayani Indian Institute of Chemical Technology, Uppal Road, Hyderabad-500007, <b>Telangana</b>	<b>2885000</b>
<b>98.</b>	<b>SR/WOS-A/CS-59/2017</b> Palladium (II) mediated C-H activation of multidentate Schiff bases: Synthesis, structural characterization	Dr. Lakshmi Praba Jagadeesan Bishop Heber College, Tiruchirappalli-620017 <b>Tamil Nadu</b>	<b>2830000</b>
<b>99.</b>	<b>SR/WOS-A/CS-157/2016</b> Anticancer effects of Holarrhena antidysenterica derived triterpene compounds	Dr Anindita Ghosh Chittaranjan National Cancer Institute, Kolkata-700026 <b>West Bengal</b>	<b>2841500</b>
<b>100.</b>	<b>SR/WOS-A/CS-120/2016</b> Structure versus activity correlations in cobalt doped MoS <sub>2</sub> supported on nitrogen doped TiO <sub>2</sub> for hydrogen evolution reaction	Dr Rikta Kundu CSIR-National Chemical Laboratory, Pune-411008 <b>Maharashtra</b>	<b>3158000</b>

<b>101.</b>	<b>SR/WOS-A/CS-158/2016</b> Design of biocompatible fluorescent magnetic nanoparticles for imaging the cancer cells and their possible theranostic use	Dr. Madhuri Mandal Goswami S.N. Bose National Centre for Basic Sciences, Block-JD, Kolkata-700106 <b>West Bengal</b>	<b>3039600</b>
<b>102.</b>	<b>SR/WOS-A/CS-132/2016</b> Synthesis and structure-property relationship studies of surfactants containing natural structural motif inositol as hydrophilic head group	Dr. Madhuri Tajaji Patil MCM DAV College for Women, Chandigarh-160 036 <b>Chandigarh</b>	<b>925000</b>
<b>LIFE SCIENCES</b>			
<b>103.</b>	<b>SR/WOS-A/LS-1179/2015</b> Experimental evolution of thermal plasticity of body and organ size in <i>Drosophila melanogaster</i>	Dr. Shampa M. Ghosh KIIT University, Bhubaneswar-751024 <b>Odisha</b>	<b>3168000</b>
<b>104.</b>	<b>SR/WOS-A/LS-1313/2015</b> Studies on mapping of genetic diversity, phylogentic analysis and molecular evolution of PPRV isolates of state of Rajasthan	Ms. Alka Galav Rajasthan University of Veterinary and Animal Sciences, Bikaner-334001 <b>Rajasthan</b>	<b>2460000</b>
<b>105.</b>	<b>SR/WOS-A/LS-21/2016</b> “A novel therapeutic strategy to target endoplasmic reticulum stress in solid tumors by using specific ER stress/UPR inhibitors	Ms Sandhya Chipurupalli J.S.S. College of Pharmacy, Rockland’s Ootacamund-643001 <b>Tamil Nadu</b>	<b>2480000</b>
<b>106.</b>	<b>SR/WOS-A/LS-54/2016</b> Cloning, sequencing and expression of a gene linked to induced antiviral resistance in papaya	Dr. Aparna Srivastava Lucknow University Lucknow-226007 <b>Uttar Pradesh</b>	<b>3150000</b>
<b>107.</b>	<b>SR/WOS-A/LS-104/2016</b> Design, synthesis, and anti-HIV evaluation of novel 1,3,5-triazine derivatives targeting the entrance	Ms. Saumya Singh Sam Higginbottom Institute of Agriculture Technology and Sciences, Allahabad-211007 <b>Uttar Pradesh</b>	<b>1820000</b>

	channel of the NNRTI binding pocket		
<b>108.</b>	<b>SR/WOS-A/LS-119/2016</b> In vitro and in vivo anticlastogenic potential constituents of marine actinobacteria against mammary carcinogenesis	Ms Ajitha Gomathi VIT University, Vellore-632014, <b>Tamil Nadu</b>	<b>1750000</b>
<b>109.</b>	<b>SR/WOS-A/LS-135/2016</b> Novel biopolymer Gum kondagogu (Cochlospermum gossypium) based nanocarrier matrix for the delivery of selected anticancer drugs	Dr. Vani Katukam Osmania University, Hyderabad-500007 <b>Telangana</b>	<b>3168000</b>
<b>110.</b>	<b>SR/WOS-A/LS-170/2016</b> Biodiversity and biotechnological potentials of endophytic fungi from selected medicinal plants of Arunachal Pradesh, India	Ms Richa Sharma Rajiv Gandhi University, Rono Hills Doimukh-791112 <b>Arunachal Pradesh</b>	<b>2230000</b>
<b>111.</b>	<b>SR/WOS-A/LS-173/2016</b> Studying the effect of actin targeted drugs on the eactin binding domain of $\beta$ -spectrin	Dr. Sansa Dutta Saha Institute of Nuclear Physics, 1/AF Bidhannagar, Kolkata-700064 <b>West Bengal</b>	<b>3110000</b>
<b>112.</b>	<b>SR/WOS-A/LS-176/2016</b> Molecular and in-silico characterization of stress responsive hypothetical proteins of Anabaena PCC7120	Dr Ruchi Rai Banaras Hindu University, Varanasi-221005 <b>Uttar Pradesh</b>	<b>2600000</b>
<b>113.</b>	<b>SR/WOS-A/LS-226/2016</b> “Investigating the role of neddylation in neuroglobin mediated hypoxic neuroprotection and implication for augmenting neuronal survival in hypoxia	Dr Kalpana Barhwal All India Institute of Medical Sciences, Bhubaneswar-751019 <b>Odisha</b>	<b>1037500</b>
<b>114.</b>	<b>SR/WOS-A/LS-246/2016</b> Studies on production of bioplastic from bacteria	Ms Tabassum Abdul Hamid Shaikh Dr. Babasaheb Ambedkar Marathwada University, Osmanabad-413501 <b>Maharashtra</b>	<b>1650000</b>

<b>115.</b>	<b>SR/WOS-A/LS-253/2016</b> Isolation and molecular characterization of chicken infectious anemia virus	Dr. Srikala S. Mohandas Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana-141004 <b>Punjab</b>	<b>2266000</b>
<b>116.</b>	<b>SR/WOS-A/LS-278/2016</b> Analysis of stem cell renewal Notch1 pathway alterations during development of head and neck squamous cell carcinoma of Indian Patients	Ms. Debalina Mukhopadhyay Chittaranjan National Cancer Institute, Kolkata-700026 <b>West Bengal</b>	<b>2170000</b>
<b>117.</b>	<b>SR/WOS-A/LS-283/2016</b> Evaluation of GS mediated anticancer mechanisms in prostate cancer: Assessment of their candidature for developing novel cancer therapeutics	Dr. Garima Jain Banaras Hindu University, Varanasi-221005 <b>Uttar Pradesh</b>	<b>3135500</b>
<b>118.</b>	<b>SR/WOS-A/LS-287/2016</b> Boerhaavia diffusa (Punarnava), melatonin and phytemelatonin (Zea mays) in regulation of diabetes: A study on insulin and leptin level and associated receptor dynamics (IRS 1&2; Glut4 and OB)	Dr Sweta Arora Banaras Hindu University, Varanasi-221005 <b>Uttar Pradesh</b>	<b>2995500</b>
<b>119.</b>	<b>SR/WOS-A/LS-288/2016</b> Tumor targeting delivery of functional siRNA loaded carbon nanotubes: preparation, characterization and in vitro evaluation	Ms. Karnatam Naga Lalitha Institute of Science and Technology, Jawaharlal Nehru Technological University Hyderabad-85 <b>Telangana</b>	<b>2290000</b>
<b>120.</b>	<b>SR/WOS-A/LS-299/2016</b> Association of Vitamin B 12 metabolites and related gene polymorphisms with postpartum depression	Dr Pooja Dhiman Jawaharlal Institute of Postgraduate Medical Education and Research (JIPMER), Puducherry-605006 <b>Puducherry</b>	<b>2370000</b>
<b>121.</b>	<b>SR/WOS-A/LS-310/2016</b> Mechanistic investigation of small molecular-based hedgehog inhibitors	Ms. Chandra Bose Indian Association for the Cultivation of Science, Kolkata-700032 <b>West Bengal</b>	<b>2164000</b>



<b>122.</b>	<b>SR/WOS-A/LS-314/2016</b> Development and characterization of drug loaded surface functionalized carbon nanotubes for the treatment of breast cancer	Ms. Nidhi Jain Singhai Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal-462036 <b>Madhaya Pradesh</b>	<b>2485000</b>
<b>123.</b>	<b>SR/WOS-A/LS-317/2016</b> Genotoxic effect of di-(2-ethylhexyl) phthalate on reproductive organ in mice model and its degradation by microorganism	Dr. Anjali Singh T.P.S College, Patna-800001 <b>Bihar</b>	<b>3220000</b>
<b>124.</b>	<b>SR/WOS-A/LS-325/2016</b> Oxidative stress mediated TNF $\alpha$ induced mitochondrial DNA damage in cardiac myocytes-Role of antioxidants in suppressing the effects of TNF $\alpha$	Dr Yamini Devulapally Sri Venkata Sai Educational Society, Mahabubnagar-509002, <b>Telangana</b>	<b>2700000</b>
<b>125.</b>	<b>SR/WOS-A/LS-326/2016</b> Evaluation of synergistic anti-cancer properties of quercetin and p56 activators (both wild and mutant p53 binders) in colorectal cancer	Ms. Yasodha Lakshmi Tadakaluru Sri Venkata Sai Educational Society, Mahabubnagar-509002 <b>Telangana</b>	<b>2200000</b>
<b>126.</b>	<b>SR/WOS-A/LS-333/2016</b> Prevalence and severity of dental fluorosis and its correlation with dental caries, periodontal disease, water and urine fluoride levels among 14-15 year old school children in endemic fluorosis area	Ms Seipriya Nagarajan Sri Venkata Sai Educational Society, Mahabubnagar-509002 <b>Telangan</b>	<b>2470000</b>
<b>127.</b>	<b>SR/WOS-A/LS-343/2016</b> Decoding the handshaking mechanism between the sperm and ovum-leading to fertilization: role of sncRNA	Dr. Arpana Verma Bose Institute, P1/12, C.I.T. Road, 30 Scheme-VIIM, Kolkata-700054 <b>West Bengal</b>	<b>3190000</b>
<b>128.</b>	<b>SR/WOS-A/LS-350/2016</b> Investigation of therapeutic role of BDNF and PUFAs in type-2 diabetes	Ms Pooja Srinivas Desai Institute of Bioinformatics and Computational Biology (ICB), Visakhapatnam-530017	<b>2050000</b>

		<b>Andhra Pradesh</b>	
<b>129.</b>	<b>SR/WOS-A/LS-354/2016</b> Synthesis studies on lichens of Cotigao Wildlife sanctuary	Ms Pallavi Prashant Konge Randive Goa University Goa-403206 <b>Goa</b>	<b>1689000</b>
<b>130.</b>	<b>SR/WOS-A/LS-361/2016</b> Investigation of Epigenetic modifications of Pluripotency Inducer Genes in Human Oral Cancer Stem Cells	Ms Priyanka Chakrabarty National Institute of Technology, Rourkela-769008 <b>Odisha</b>	<b>2370000</b>
<b>131.</b>	<b>SR/WOS-A/LS-364/2016</b> Reliability of two age estimation methods-A comparative study	Dr. Shylaja Sanjeevareddygar Sri Venkata Sai Educational Society, Mahabubnagar-509002 <b>Telangana</b>	<b>2125000</b>
<b>132.</b>	<b>SR/WOS-A/LS-379/2016</b> Evaluation of Antiatherogenic effects of Simvastatin, $\omega$ -3 fattyacids, Caffeic acid, Berberine against Atherosclerosis induced through NF-kB pathway in rats	Ms. Sushma Panduga S.V.S. Medical College, Mahabubnagar-509002 <b>Telangana</b>	<b>2064000</b>
<b>133.</b>	<b>SR/WOS-A/LS-386/2016</b> Development of Nanofiber incorporated hydrogels as 3D scaffold skin tissue growth	Ms. M. Maria Leena Indian Institute of Crop Processing Technology, Pudukkottai Road, Thanjavur-613005 <b>Tamil Nadu</b>	<b>2590000</b>
<b>134.</b>	<b>SR/WOS-A/LS-389/2016</b> Studies on sugar metabolite-induced glycation of milk proteins and the role of Indrayava (Holarrhena antidysenterica) as a complementary and alternative medicine (CAM)	Dr. Jaya Bhattacharya University of Calcutta, Kolkata-700026 <b>West Bengal</b>	<b>2750000</b>
<b>135.</b>	<b>SR/WOS-A/LS-391/2016</b> Screening of novel phytochemicals against lungs cancer from kumaun region of central Himalaya	Ms. Priyanka Maiti Kumaun University, S.S.J. Campus, Almora-263601 <b>Uttarakhand</b>	<b>1200000</b>
<b>136.</b>	<b>SR/WOS-A/LS-407/2016</b> Possible prevention of	Dr. Sunanda Panda Devi Ahilya University, Takshshila Campus,	<b>2888000</b>

	thyroid problems with two herbal extracts: isolation & characterization of the active compounds	Indore-452001 <b>Madhya Pradesh</b>	
<b>137.</b>	<b>SR/WOS-A/LS-409/2016</b> Comparative analysis of effects of fenofibrate and plant alkaloids as therapeutic agents in modulating the microvascular changes in relation to nephropathy and retinopathy	Dr Suhasini Padugupati Sri Venkata Sai Educational Society, Mahabubnagar-509002 <b>Telangana</b>	<b>2610000</b>
<b>138.</b>	<b>SR/WOS-A/LS-417/2016</b> Pyramiding and understanding the interaction of QTLs for deeper rooting and phosphorus uptake in Rice ( <i>Oryza sativa</i> L.)	Dr Elssa Pandit Central Rice Research Institute, Bidyadharpur, Cuttack-753006 <b>Odisha</b>	<b>2948000</b>
<b>139.</b>	<b>SR/WOS-A/LS-422/2016</b> Exopolysaccharide (EPS) production from soil bacteria: media optimization compound characterization and its application activity	Ms. Kalpana Ramaraju Madurai Kamaraj University, Madurai-625021 <b>Tamil Nadu</b>	<b>2214000</b>
<b>140.</b>	<b>SR/WOS-A/LS-424/2016</b> Identification and elucidation of miRNAs modulating HIC1 in cancer stem cells of glioma	Dr. Mohita Bhagat All India Institute of Medical Sciences, New Delhi-110029 <b>Delhi</b>	<b>2880000</b>
<b>141.</b>	<b>SR/WOS-A/LS-425/2016</b> Macroarray based detection of wheat pathogens	Dr. Sangeeta Gupta Indian Agricultural Research Institute, Pusa New Delhi-110012 <b>Delhi</b>	<b>3000000</b>
<b>142.</b>	<b>SR/WOS-A/LS-430/2016</b> Formulation and Optimization of pH sensitive peroral dosage forms for chromo endoscopy of gastro intestinal tract	Ms. Sarada Anepu Andhra University, Visakhapatnam-530003 <b>Andhra Pradesh</b>	<b>3168000</b>
<b>143.</b>	<b>SR/WOS-A/LS-444/2016</b> Development of bone targeted Resveratrol loaded nanoparticles for postmenopausal	Ms Aarti Abhishek Shah Manipal College of Pharmaceutical Sciences, Manipal University, Manipal-576104	<b>2150000</b>

	Osteoporosis	<b>Karnataka</b>	
<b>144.</b>	<b>SR/WOS-A/LS-456/2016</b> Screening and development of antimalarial drugs of herbal origin through target based drug development approach	Ms Meenakshi Kaushik Regional Medical Research Centre, Belagavi- 590010 <b>Karnataka</b>	<b>2370000</b>
<b>145.</b>	<b>SR/WOS-A/LS-461/2016</b> Acetogenins modulate ATM signaling in nicotine induced chemoresistance in pancreatic cancer	Ms P Meghana Kuvempu University, Shankaraghatta-577451 <b>Karnataka</b>	<b>2370000</b>
<b>146.</b>	<b>SR/WOS-A/LS-477/2016</b> Identification and characterization of novel genes for micronutrients content in foxtail millet through genome wide association mapping	Dr Vandana Jaiswal National Institute of Plant Genome Research (NIPGR), New Delhi-110067 <b>Delhi</b>	<b>2995500</b>
<b>147.</b>	<b>SR/WOS-A/LS-475/2016</b> A platform of rapid visual detection of amplified Mycobacterium tuberculosis DNA on a paper substrate for point-of-care diagnostic applications	Ms Aparna Tripathi Indian Association for the Cultivation of Science, Kolkata-700032, <b>West Bengal</b>	<b>1939000</b>
<b>148.</b>	<b>SR/WOS-A/LS-479/2016</b> Development and standardization of enrichment protocol of live feed for larval rearing of giant mud crab, Scylla serrata (Forsskal, 1755)	Dr. Elizabeth Carolin Cochin University of Science and Technology, Cochin-682016 <b>Kerala</b>	<b>2840000</b>
<b>149.</b>	<b>SR/WO-A/LS-485/2016</b> Mechanisms by which bone proteins influence Abeta1-42 aggregation, amyloid deposition and immune response in mouse models of Alzheimer's disease	Dr. Viji Vijayan National Institute of Immunology, New Delhi-110067 <b>Delhi</b>	<b>3110000</b>
<b>150.</b>	<b>SR/WOS-A/LS-516/2016</b> Studies on the effect of epigallocatechin and curumin on Hsp90 mediated	Ms Umme Hani Kuvempu University, Jnana Sahyadri Campus, Shankaraghatta-577451	<b>2054000</b>

	inflammation	<b>Karnataka</b>	
<b>151.</b>	<b>SR/WOS-A/LS-523/2016</b> Surveillance of antimalarial drug efficacy and characterization of drug resistance associated genetic polymorphisms among Plasmodium falciparum and Plasmodium vivax in Mangalore	Ms. Rakshita Maskeri Kasturba Medical College, Mangalore, Manipal University, Mangalore-575001 <b>Karnataka</b>	<b>2084000</b>
<b>152.</b>	<b>SR/WOS-A/LS-525/2016</b> Molecular pattern of the M2/ANXA5 haplotype as marker for infertility and thrombophilia predisposition in Indians	Dr Farah Parveen Jamia Millia Islamia, New Delhi-110025 <b>Delhi</b>	<b>3105500</b>
<b>153.</b>	<b>SR/WOS-A/LS-531/2016</b> Role of NUPR1 in colorectal cancer stem cells	Dr Janvie Manhas All India Institute of Medical Sciences, Ansari Nagar, New Delhi-110029 <b>Delhi</b>	<b>896000</b>
<b>154.</b>	<b>SR/WOS-A/LS-532/2016</b> Development of predictive algorithm as preclinical marker of osteoarthritis	Dr. Monica Singh Punjabi University, Patiala-147002 <b>Punjab</b>	<b>3265500</b>
<b>155.</b>	<b>SR/WOS-A/LS-547/2016</b> Sulforaphane (SFN) in combination with cisplatin (CIS), a potential new therapeutic strategy for metastatic triple negative breast cancer (TNBC): Interplay of sirtuins and EMT pathway	Ms. Sonam Sinha B.V. Patel Pharmaceutical Education and Research Development (PERD) Centre, Ahmedabad-380054 <b>Gujarat</b>	<b>2007000</b>
<b>156.</b>	<b>SR/WOS-A/LS-561/2016</b> Finding of a new RNA aptamer and mediated drug delivery method specific to prostate cancer, a pioneer cancer research approach in India	Dr. Garima Shrivastava Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016 <b>Delhi</b>	<b>3155500</b>
<b>157.</b>	<b>SR/WOS-A/LS-602/2016</b> “In-vitro proliferation and differentiation of mesenchymal stem cells on	Dr. Manjushree Madhukar Bahir Savitribai Phule Pune University, Ganeshkhind	<b>2830000</b>

	smart 3D scaffold for bone graft	Pune-411007 <b>Maharashtra</b>	
<b>158.</b>	<b>SR/WOS-A/LS-603/2016</b> Development of an electrochemical biosensor for detection of breast cancer	Dr. Monika Raina Cochin University of Science and Technology, Kochi-682022 <b>Kerala</b>	<b>2780500</b>
<b>159.</b>	<b>SR/WOS-A/LS-604/2016</b> Molecular phylogeny, biogeography and revision of the Gondwanan trap-door spider families Idiopidae (Araneae, Mygalimorphae)	Dr. Manju Siliwal Wildlife Institute of India, Dehradun-248001 <b>Uttarakhand</b>	<b>3100000</b>
<b>160.</b>	<b>SR/WOS-A/LS-605/2016</b> Detection of Circulating tumor cells in peripheral blood using Multigene real time polymerase chain reaction (RT-PCR) assay among carcinoma lung patients: An Indian hospital based study	Dr. Sweety Gupta All India Institute of Medical Sciences, Virbhadra Marg, Rishikesh-249203 <b>Uttarakhand</b>	<b>1037500</b>
<b>161.</b>	<b>SR/WOS-A/LS-610/2016</b> Development of resistant starch wheat using genome editing technology	Dr. Pooja Manchanda Punjab Agricultural University Ludhiana <b>Punjab</b>	<b>2870000</b>
<b>162.</b>	<b>SR/WOS-A/LS-616/2016</b> Identification of Quorum sensing system in Mycobacterium tuberculosis	Dr. Krishnaveni Mohareer University of Hyderabad, Gachibowli Hyderabad-500046 <b>Telangana</b>	<b>3215500</b>
<b>163.</b>	<b>SR/WOS-A/LS-621/2016</b> Interaction of stem cell and effect of stem cell conditioned media on breast cancer cells-role of tumor microenvironment and the extra-cellular tumor matrix	Ms. Ragima Nadesh Amrita Vishwa Vidhyapeetham, Amrita Institute of Medical Sciences & Research Centre (AIMS), Kochi-682041 <b>Kerala</b>	<b>2155200</b>
<b>164.</b>	<b>SR/WOS-A/LS-630/2016</b> Development of homozygous lines in stevia rebaudiana for their genetic improvement by androgenic double haploid generation and concomitant molecular, biochemical and	Dr. Sweta Sharma KET's Scientific Research Centre, V.G. Vaze College, Mulund, Mumbai-400081 <b>Maharashtra</b>	<b>1048500</b>

	pharmacological characterization		
<b>165.</b>	<b>SR/WOS-A/LS-631/2016</b> To elucidate the role of T helper 17 (Th17) cells in pathogenesis of post menopausal osteoporosis	Ms. Hetal Bhavesh Bhadricha Genetic Research Centre, National Institute for Research in Reproductive Health (ICMR), Mumbai-400012 <b>Maharashtra</b>	<b>2080000</b>
<b>166.</b>	<b>SR/WOS-A/LS-633/2016</b> To study the genetic polymorphism of PCSK9 and their expression at molecular levels in patients with coronary artery disease	Dr. Kamna Srivastava University of Delhi Delhi-110007 <b>Delhi</b>	<b>3050000</b>
<b>167.</b>	<b>SR/WOS-A/LS-635/2016</b> Effect of non-invasive vagus nerve stimulation in oxidative stress and freezing of gait in parkinson's disease patients	Ms Banashree Mondal Institute of Neurosciences, 185/1 AJC Bose Road, Kolkata-700017 <b>West Bengal</b>	<b>1809000</b>
<b>168.</b>	<b>SR/WOS-A/LS-636/2016</b> Screening of isochorismate synthase (ICS) alleles in <i>Cassia angustifolia</i> Vah. By TILLING	Dr. Soni Gupta CSIR-Central Institute of Medicinal and Aromatic Plants, Lucknow-226015 <b>Uttar Pradesh</b>	<b>2830000</b>
<b>169.</b>	<b>SR/WOS-A/LS-639/2016</b> Evaluation of a combinatorial approach using ormeloxifene, a novel selective estrogen receptor modulator (SERM) with other drugs in a 3D breast cancer model	Dr. S Lakshmi Hindustan Lifecare Limited, HLL Corporate R & D Centre, Akkulam, Thiruvananthapuram-695017 <b>Kerala</b>	<b>2953570</b>
<b>170.</b>	<b>SR/WOS-A/LS-641/2016</b> Characterization of coleopteran specific $\alpha$ -amylase inhibitors from <i>Amaranthaceae</i> members: Potential application in insect pest management	Ms. Ashwini Satyajit Rane National Chemical Laboratory, Dr. Homi Bhabha Road Pune-411008 <b>Maharashtra</b>	<b>1974000</b>
<b>171.</b>	<b>SR/WOS-A/LS-643/2016</b> Genomic characterization and Synergy testing of various antibiotic	Ms Srrja Vamsi Kogila SVS Medical College, Ynugonda, Mahabubnagar-509002	<b>2194000</b>

	combination by checkerboard, Time-kill and E-test based methods for carbapenem resistant gram negative bacteria isolated from	<b>Telangana</b>	
<b>172.</b>	<b>SR/WOS-A/LS-644/2016</b> Quantitative profiling of buffalo milk fat globule membrane, a promising nutraceuticals for infant formula milk	Dr. Aasma Turan ICAR-National Dairy Research Institute Karnal-132001, <b>Haryana</b>	<b>3215500</b>
<b>173.</b>	<b>SR/WOS-A/LS-647/2016</b> Design, development and evaluation of endogenous ligand conjugated nanostructure lipid carrier for the management of Alzheimer's disease	Ms Tripti Halder Nirma University, Sarkhej-Gandhinagar Highway, Ahmedabad-382481 <b>Gujarat</b>	<b>2425000</b>
<b>174.</b>	<b>SR/WOS-A/LS-656/2016</b> Exploring the possible role of estradiol and estrogen receptors in the pathomechanism of aneurismal subarachnoid hemorrhage	Ms S R Shruthi National Institute of Health & Neuro Sciences (NIMHANS), Hosur Road, Bangalore-560029 <b>Karnataka</b>	<b>1860000</b>
<b>175.</b>	<b>SR/WOS-A/LS-659/2016</b> Identifying the potential new role of RNA-binding motif 3 protein (RBM3) on cytoskeleton and cancer progression	Dr. Sayantani Roy Indian Institute of Technology Kharagpur, Kharagpur-721302 <b>West Bengal</b>	<b>3054000</b>
<b>176.</b>	<b>SR/WOS-A/LS-657/2016</b> Differential expression of Human Leukocyte Antigen (HLA) promoter regions and class II activator variations (CIITA) in T2DM patients	Dr. Rathika Chinniah School of Biological Sciences, Madurai Kamaraj University, Madurai-625021 <b>Tamil Nadu</b>	<b>3010000</b>
<b>177.</b>	<b>SR/WOS-A/LS-660/2016</b> Identification of the mechanisms governing cold stress tolerance in somatic and gametic tissues of chickpea ( <i>Cicer arietinum</i> L.)	Ms. Annu Verma CSK Himachal Pradesh Krishi Vishvavidyalaya, Palampur-176062 <b>Himachal Pradesh</b>	<b>1750000</b>



<b>178.</b>	<b>SR/WOS-A/LS-662/2016</b> Influence of genetic interactions on Morbidity and Mortality pattern of sickle-thalassemias ( $\alpha$ and $\beta$ ): at Marathwada region of Maharashtra, India	Dr. Preetinanda Manaswini Dash Deogiri College, Aurangabad-431005 <b>Maharashtra</b>	<b>2775500</b>
<b>179.</b>	<b>SR/WOS-A/LS-669/2016</b> Role of miRNAs in fetal growth restriction associated dysregulation of human placental angiogenesis	Ms Prachi Kochhar St. John's Medical College, Bangalore-560034 <b>Karnataka</b>	<b>2180000</b>
<b>180.</b>	<b>SR/WOS-A/LS-672/2016</b> Functional characterization of a lipid transporter gene, LEM3 (ligand-effect modulator3) in human pathogenic fungus <i>Candida albicans</i>	Ms. Pranjali Agarwal Jawaharlal Nehru University, New Delhi-110067 <b>Delhi</b>	<b>1860000</b>
<b>181.</b>	<b>SR/WOS-A/LS-684/2016</b> Assessment of partakers in tumor micro-environment for prognosis of glioma using liquid biopsy: A unique clinical approach	Ms Richa Shrivastava Bhopal Memorial Hospital & Research Centre Bhopal-462038 <b>Madhya Pradesh</b>	<b>2155600</b>
<b>182.</b>	<b>SR/WOS-A/LS-686/2016</b> A molecular pharmacology approach towards designing combination therapy for colon cancer metastasis	Dr. Dipanjana Ghosh Indian Institute of Science Education and Research (IISER), Bhopal-462066 <b>Madhya Pradesh</b>	<b>2680000</b>
<b>183.</b>	<b>SR/WOS-A/LS-690/2016</b> Optimization of doubled haploids development in elite F1 maize hybrids ( <i>Zea mays</i> L.)	Dr. Parveen Lata Batra CCS Haryana Agricultural University, New Campus, Hisar-125004 <b>Maharashtra</b>	<b>2473000</b>
<b>184.</b>	<b>SR/WOS-A/LS-693/2016</b> mRNA expression pattern and protein activity of several ion transporters in some fishes inhabiting different saline environments of Indian Sundarbans	Dr. Atryee Chaudhuri University of Calcutta, 35 Ballygunge Circular Road, Kolkata-700019 <b>West Bengal</b>	<b>3050500</b>

<b>185.</b>	<b>SR/WOS-A/LS-703/2016</b> Role of dSTIM in postembryonic neuronal development of <i>Drosophila melanogaster</i>	Ms. Nandashree Kasturacharya Tata Institute of Fundamental Research, GKVK, Bangalore-560065 <b>Karnataka</b>	<b>1585000</b>
<b>186.</b>	<b>SR/WOS-A/LS-706/2016</b> Role of naturally occurring small molecular in transthyretin-induced familial amyloid cardimyopathy	Dr. Sheeza Khan of Delhi, North Campus Delhi-110007 <b>Delhi</b>	<b>2955000</b>
<b>187.</b>	<b>SR/WOS-A/LS-3/2017</b> Identification of QTLs linked to aflatoxin contamination resistance in groundnut	Dr. Arati Yadawad University of Agricultural Sciences Dharwad-580005 <b>Karnataka</b>	<b>2654500</b>
<b>188.</b>	<b>SR/WOS-A/LS-17/2017</b> Role of secondary messengers during germination and morpho-physiological characterization in regulation of magneto-priming induced alleviation of abiotic stresses in Soybean	Dr. Sunita Kataria Devi Ahilya University, Khandwa Road, Indore-452017 <b>Madhya Pradesh</b>	<b>3190000</b>
<b>189.</b>	<b>SR/WOS-A/LS-20/2017</b> Identifying molecular cues and their interactions during scale formation in zebrafish	Ms Raj V Kavitha Indian Institute of Science Education and Research, Pune-411008 <b>Maharashtra</b>	<b>3270000</b>
<b>190.</b>	<b>SR/WOS-A/LS-23/2017</b> Seaweeds based food ingredient as Cardiovascular therapeutics	Ms Suparna Roy Annamalai University, Parangipettai-608502 <b>Tamil Nadu</b>	<b>1400000</b>
<b>191.</b>	<b>SR/WOS-A/LS-24/2017</b> Profiling nanoparticle-protein corona and investing the role of specific proteins in NP uptake	Dr Vani Mishra CSIR-Central Drug Research Institute, Lucknow-226001 <b>Uttar Pradesh</b>	<b>3103000</b>
<b>192.</b>	<b>SR/WOS-A/LS-29/2017</b> Study on the genetic diversity of malaria vaccine candidate antigen genes and	Ms Jyoti Acharya Gopa Maharaja Ganga Singh University, Bikaner-334004 <b>Rajasthan</b>	<b>2480000</b>

	their correlation with infection in the field isolates of North-East region of Rajasthan (Bikaner)		
<b>193.</b>	<b>SR/WOS-A/LS-39/2017</b> Structural changes and Oxidative stress induced by silicon nanoparticles (SiO <sub>2</sub> -NPs) on some organs of channa punctatus (Bloch)	Dr. Hemlata Verma University of Rajasthan, Jaipur-302004 <b>Rajasthan</b>	<b>2885500</b>
<b>194.</b>	<b>SR/WOS-A/LS-41/2017</b> Unveiling the role of host BTF3 protein in immune regulation against intracellular bacterial infections: A CRISPR/Cas 9 system directed study	Ms Kavita Rawat CSIR-Central Drug Research Institute, Lucknow-226031, <b>Uttar Pradesh</b>	<b>1939200</b>
<b>195.</b>	<b>SR/WOS-A/LS-46/2017</b> Synergistic inhibitory effect of non-invasive physical stimulation on cancer: a promising approach of treatment	Ms Somoshree Sengupta CSIR-Central Glass and Ceramics Research Institute, 196, Raja S.C. Mullick Road Kolkata-700032 <b>West Bengal</b>	<b>2014800</b>
<b>196.</b>	<b>SR/WOS-A/LS-49/2017</b> Soil carbon sequestration in tropical deciduous forests of India and it's functional relationship with community structural variables	Ms Shruti Mishra CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow-226001 <b>Uttar Pradesh</b>	<b>1556000</b>
<b>197.</b>	<b>SR/WOS-A/LS-60/2017</b> Transgenerational effects of grapheme oxide and grapheme quantum dots on the germ cells of Japanese medaka	Ms Krishnakumar Sreelakshmi Amrita Vishwa Vidyapeetham, Kochi-682041 <b>Kerala</b>	<b>2590000</b>
<b>198.</b>	<b>SR/WOS-A/LS-61/2017</b> SETDB1 in hematopoiesis and hematopoietic tumors: Target genes and their regulation	Dr. Indira Paddibhatla University of Hyderabad, Hyderabad-500046 <b>Telangana</b>	<b>2995500</b>
<b>199.</b>	<b>SR/WOS-A/LS-70/2017</b> Transcriptomic portrait of human mesenchymal stem cells differentiation into	Dr. Deepshikha Tewari Indian Institute of Technology Kanpur, Kanpur-208016	<b>3215500</b>

	endothelial lineage	<b>Uttar Pradesh</b>	
<b>200.</b>	<b>SR/WOS-A/LS-80/2017</b> A tissue engineered skin substitute with localized hair follicle stem cells for hair follicles and sebaceous gland regeneration in a stress induced wound healing model	Dr. Babitha Sumathy Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram-695012, <b>Kerala</b>	<b>2940500</b>
<b>201.</b>	<b>SR/WOS-A/LS-82/2017</b> Identification of novel cyclin F-interacting proteins and elucidation of their functional interaction with cyclin F in cell-cycle control	Dr Savitha S Sharma Indian Institute of Science, Bangalore-560012 <b>Karnataka</b>	<b>3252900</b>
<b>202.</b>	<b>SR/WOS-A/LS-86/2017</b> Identification and functional characterization of differentially expressed drought responsive conserved and novel miRNAs in asiatic grain legume <i>Vigna unguiculata</i>	Dr. Sagarika Mishra Institute of Life Sciences, Nalco Square Bhubaneswar-751023 <b>Odisha</b>	<b>3215500</b>
<b>203.</b>	<b>SR/WOS-A/LS-92/2017</b> Crosstalk between insulin resistance and CRH may influence Urocortin and alter bone cell function	Ms K. Abhaya Karpagam Academy of Higher Education, Coimbatore-641021 <b>Tamil Nadu</b>	<b>1974000</b>
<b>204.</b>	<b>SR/WOS-A/LS-108/2017</b> Identification of comparative genetic and epigenetic alterations of various proto-oncogenes and tumor suppressor genes, implicated in development of aberrant crypt foci of proximal versus distal colon	Dr. Vandana Baloda All India Institute of Medical Sciences, Ansari Nagar New Delhi-110029 <b>Delhi</b>	<b>3215500</b>
<b>205.</b>	<b>SR/WOS-A/LS-111/2017</b> Regulation of C4 PEPC: Site directed mutagenesis of amaranthus and maize enzymes	Dr. Bindu Prasuna Aloor University of Hyderabad, Hyderabad-500046 <b>Telangana</b>	<b>2940500</b>
<b>206.</b>	<b>SR/WOS-A/LS-139/2017</b>	Dr K Radhika Tamil Nadu Agricultural	<b>3172700</b>

	Understanding and exploiting genotypic variation in groundnut for selecting zinc efficient cultivars for soils of low zinc status	University, Coimbatore-641003 <b>Tamil Nadu</b>	
<b>207.</b>	<b>SR/WOS-A/LS-152/2017</b> Understanding the role of T cell subset(s) in regulation of cancer initiating stem like cells	Dr. Anamika Bose Chittaranjan National Cancer Institute, Kolkata-700026, <b>West Bengal</b>	<b>3050500</b>
<b>208.</b>	<b>SR/WOS-A/LS-158/2017</b> Fibulin-1 A novel regulator of EGFR signaling in lung cancer?	Dr. Keerthi Harikrishnan Indian Institute of Science Education and Research, Dr Homi Bhabha Road, Pune-411008 <b>Maharashtra</b>	<b>3270000</b>
<b>209.</b>	<b>SR/WOS-A/LS-159/2017</b> Nanozinc mediated regulation of arsenic stress in rice ( <i>Oryza sativa</i> L.)	Dr Thounaojam Thorny Chanu Cotton University Guwahati-781001 <b>Assam</b>	<b>3270000</b>
<b>210.</b>	<b>SR/WOS-A/LS-160/2017</b> De-novo transcriptome profiling in selected genotypes of industrially important bamboo ( <i>Dendrocalamus strictus</i> (Roxb.) Nees) of Uttarakhand	Dr Neha Goel Forest Research Institute, P.O. IPE Kaulagarh Road, Dehradun248195, Uttarakhand <b>Uttarakhand</b>	<b>3270000</b>
<b>211.</b>	<b>SR/WOS-A/LS-179/2017</b> In silico screening of aldehyde based novel inhibitor for Plasmodium Haemoglobinase	Ms Trisha Rajguru Borthakur Assam Agricultural University, Jorhat-785013 <b>Assam</b>	<b>1864000</b>
<b>212.</b>	<b>SR/WOS-A/LS-186/2017</b> Studies on nanoparticle mediated trans BBB delivery of dopamine/GDNF/CDNF in 6-OHDA induced parkinsonion rat model for neuroprotection, neurogenesis and functional recovery: A molecular approach	Dr Kavitha Seth Indian Institute of Toxicology Research, Mahatma Gandhi Marg, P.O. Box No. 80 Lucknow-226001 <b>Uttar Pradesh</b>	<b>3287000</b>
<b>213.</b>	<b>SR/WOS-A/LS-187/2017</b>	Dr UM Sheeja	<b>2995000</b>

	Biosystematic studies of predatory mites (Mesostigmata: Phytoseiidae) associated with economic important plants of North Kerala	University of Calicut, Calicut-673635 <b>Kerala</b>	
<b>214.</b>	<b>SR/WOS-A/LS-191/2017</b> Functional characterization of cell wall related genes in lignocellulosic biofuel crop model <i>Setaria viridis</i> by VIGS	Dr. Hema Ramanna National Institute of Plant Genome Research (NIPGR), Aruna Asaf Ali Marg, New Delhi-110067 <b>Delhi</b>	<b>3160500</b>
<b>215.</b>	<b>SR/WOS-A/LS-198/2017</b> In vitro propagation and secondary metabolite analysis in <i>Nardostachys jatamansi</i> , a critically endangered medicinal herb of West Himalaya	Ms P Priya Forest Research Institute University, Dehradun-248006 <b>Uttarakhand</b>	<b>1660600</b>
<b>216.</b>	<b>SR/WOS-A/LS-201/2017</b> Identifying molecular cues and their interactions during scale formation in zebrafish	Dr. Tressa Panikulangara Jacob Indian Institute of Science Education and Research, Pune-411008 <b>Maharashtra</b>	<b>3270000</b>
<b>217.</b>	<b>SR/WOS-A/LS-220/2017</b> Screening of natural prokaryotic antimicrobial peptides against pathogenic <i>Candida</i> spp. And their mining for recombinant production of short peptides	Dr Deepika Sharma Institute of Microbial Technology, Sector-39A, Chandigarh-160036 <b>Chandigarh</b>	<b>2940000</b>
<b>218.</b>	<b>SR/WOS-A/LS-239/2017</b> Phyto-sociology, diversity and distribution of climbers in dryland ecosystems of Kachchh, Gujarat	Ms Prafulbhai Gajjar Deepmala Gujarat Institute of Desert Ecology, Mundra Road, Bhuj, Kachchh-370001 <b>Gujarat</b>	<b>1680000</b>
<b>219.</b>	<b>SR/WOS-A/LS-243/2017</b> Study on chemo-enzymatic transformation of lignin derived from lignocellulosic biomass for potential application as adhesives	Dr Leena Perumal Devendra National Institute for Interdisciplinary Science & Technology, Thiruvananthapuram-695019 <b>Kerala</b>	<b>2720500</b>
<b>220.</b>	<b>SR/WOS-A/LS-248/2017</b> Role of estrogen subtype	Dr. Rupali Sani Kumar Central Drug Research	<b>3215000</b>

	estrone and estriol on hematopoietic stem cells (HSCs) and bone marrow regeneration	Institute, Sector-10, Jankipuram Extension, Lucknow-226031 <b>Uttar Pradesh</b>	
<b>221.</b>	<b>SR/WOS-A/LS-255/2017</b> Role of vinculin in regulating bulge stem cell quiescence	Ms. Ritusree Biswas Institute for Stem Cell Biology and Regenerative Medicine (inStem), National Centre for Biological Sciences, GKVK PO, Bangalore-560065 <b>Karnataka</b>	<b>1974000</b>
<b>222.</b>	<b>SR/WOS-A/LS-269/2017</b> Creation and exploitation of genetic variability for the development of chemotypes and morphogenetic characters through seed propagated progenies of curcuma longa L. genotypes and their hybrids	Ms. Ritu Mishra Central Institute of Medicinal & Aromatic Plants, Lucknow-226015 <b>Uttar Pradesh</b>	<b>1750000</b>
<b>223.</b>	<b>SR/WOS-A/LS-272/2017</b> Characterization and utilization of sulphur nanoparticles for anthracnose disease management in chilli and understanding of the underlying mechanism	Ms Jayeeta Bijali University of Calutta, Kolkata-700019 <b>West Bangal</b>	<b>1932000</b>
<b>224.</b>	<b>SR/WOS-A/LS-282/2017</b> Evolution of sexes and sexual dimorphism	Dr Priya L Iyer Indian Institute of Science, Bangalore-560012 <b>Karnataka</b>	<b>2470000</b>
<b>225.</b>	<b>SR/WOS-A/LS-283/2017</b> Characterization of novel antimicrobial compounds from Suaeda nudiflora of Indian Sundarbans	Dr Madhumita Roy Bose Institute, P-1/12, C.I.T. Scheme VII M, Kolkata-700054 <b>West Bangal</b>	<b>3010000</b>
<b>226.</b>	<b>SR/WOS-A/LS-284/2017</b> Exploration of antifungal potential of chaetomium spp. Against fusarium wilt of tomato	Dr C.Sangeetha Tamil Nadu Agricultural University, Coimbatore-641003 <b>Tamil Nadu</b>	<b>2490000</b>
<b>227.</b>	<b>SR/WOS-A/LS-701/2017</b> Identification and	Dr Anshu Agarwal Translational Health Science	<b>1358400</b>

	characterization of host proteins interacting with Japanese Encephalitis Virus non-structural protein 4A	& Technology Institute, NCR Biotech Science Cluster, Faridabad-121001 <b>Haryana</b>	
<b>EARTH &amp; ATMOSPHERIC SCIENCES</b>			
<b>228.</b>	<b>SR/WOS-A/EA-21/2016</b> A seismotectonic study of the central Indian ridge and the diffuse boundary zone in the northern Indian Ocean	Ms Ronia Andrews Indian Institute of Science, Bangalore-560012 <b>Karnataka</b>	<b>1640000</b>
<b>229.</b>	<b>SR/WOS-A/EA-25/2016</b> Design and development of OGC compliant web services for disaster management on GIS platform	Ms Parimita Mohanty Sophitorium Institute of Technology & Life Skills, Bhubaneswar-752050 <b>Odisha</b>	<b>2075000</b>
<b>230.</b>	<b>SR/WOS-A/EA-29/2016</b> Geochemical survey of soil and stream sediments of ophiolite belt in and around moreh-khudengthabi area, Manipur	Dr Oinam Geeta Devi Manipur University, Canchipur, Imphal-795003 <b>Manipur</b>	<b>2565000</b>
<b>231.</b>	<b>SR/WOS-A/EA-31/2016</b> The Eocene-Oligocene boundary problem in Imphal Valley, Manipur (Indo-Myanmar Ranges)	Dr. Salam Ranjeeta Devi Manipur University, Imphal-795003 <b>Manipur</b>	<b>2639000</b>
<b>232.</b>	<b>SR/WOS-A/EA-32/2016</b> Tectono-thermal evolution of the gneiss rocks around Bero, Saltora, Santuri West Bengal, Eastern India: implication for tectonics of the North Purulia Shear Zone	Ms Sayantika Nath Presidency University, 86/1, College Street, Kolkata-700073 <b>West Bengal</b>	<b>1803000</b>
<b>233.</b>	<b>SR/WOS-A/EA-33/2016</b> Palaeobiology and Palaeoenvironmental reconstruction of the Eastern Krol Belt (Lesser Himalaya), Himachal Pradesh	Dr Rajita Shukla Wadia Institute of Himalayan Geology, 33, G.M.S. Road, Dehradun-248001 <b>Uttarakhand</b>	<b>2580000</b>
<b>234.</b>	<b>SR/WOS-A/EA-39/2016</b> Reconstruction of late	Dr Mandip Kaur Indian Institute of Technology	<b>2795000</b>



	holocen monsoon history from the estuarine environs of south Gujarat (Purna, Ambica, Auranga), Western Indian: A multi-proxy approach	Bombay, Powai, Mumbai-400076 <b>Maharashtra</b>	
<b>235.</b>	<b>SR/WOS-A/EA-40/2016</b> Tectono-stratigraphic analysis of the proterozoic exposures of Dhar forest Inlier, Madhya Pradesh: An insight into the proterozoic tectonic events within the central Indian tectonic Zone	Dr Shilpa Sukumar Patil Pillai Savitribai Phule Pune University, Pune-411007 <b>Maharashtra</b>	<b>2630000</b>
<b>236.</b>	<b>SR/WOS-A/EA-42/2016</b> Morphotectonics of the Choral, Kanar and Chhota Tawa rivers and its implications on the late quaternary evolution of the central Narmada basin	Dr Gauri Achalla Savitribai Phule Pune University, Pune-411007, <b>Maharashtra</b>	<b>2630000</b>
<b>237.</b>	<b>SR/WOS-A/EA-44/2016</b> Galcio-chemical and isotopic studies of dokriani nad gangotri glacier central hiamlaya; implication of solute acquisition and moisture source	Ms Shipika Sundriyal National Institute of Hydrology, Roorkee-247667 <b>Uttarakhand</b>	<b>1646000</b>
<b>238.</b>	<b>SR/WOS-A/EA-3/2017</b> Characteristics of moisture transport over Indian Region during summer monsoon	Ms Chetana Chandrashekhar Patil Savitribai Phule Pune University, Pune-411007, <b>Maharashtra</b>	<b>1385000</b>
<b>239.</b>	<b>SR/WOS-A/EA-8/2017</b> Influence of hydrological and hydrogeological factors on recharge estimation for designing sustainable groundwater management	Dr Pagadala Damodaram Sreedevi Indo-French Centre for Groundwater Research (IFCGR), Hyderabad-500007 <b>Telangana</b>	<b>2995500</b>
<b>240.</b>	<b>SR/WOS-A/EA-10/2017</b> Exploring chaotic behavior of tropospheric ozone dynamics over Gangetic WB and North East India	Dr Goutami Chattopadhyay University of Calcutta, Kolkata-700019 <b>West Bengal</b>	<b>2588500</b>

<b>241.</b>	<b>SR/WOS-A/EA-11/2017</b> Study of land use /land cover pattern and a synergistic analysis of temperature and precipitation of the Indian subcontinent since 1975	Ms Roshny Therisa Antony Cochin University of Science and Technology Cochin-682022 <b>Kerala</b>	<b>1825500</b>
<b>242.</b>	<b>SR/WOS-A/EA-13/2017</b> Site characterization in uttarakhand Himalayan region based on spatial autocorrelation method (SPAC)	Ms Shaheena S Parvin CSIR-National Geophysical Research Institute (NGRI), Uppal Road, Hyderabad-500606 <b>Telangana</b>	<b>1725000</b>
<b>243.</b>	<b>SR/WOS-A/EA-14/2017</b> Petrographic and geochemical fingerprinting of the mafic ultramafic rocks from the spontang ophiolite complex, Ladakh Himalayas, India	Dr Mallika Jonnalagadda Savitribai Phule Pune University, Pune-411007 <b>Maharashtra</b>	<b>2964500</b>
<b>244.</b>	<b>SR/WOS-A/EA-19/2017</b> Regional groundwater flow modeling of a sedimentary aquifer in Tawi River basin of Jammu region: A case study to understand groundwater potential capture zone for agriculture water resource management	Dr Sagarika Roy Indian Institute of Science, Bangalore-560012 <b>Karnataka</b>	<b>3276000</b>
<b>ENGINEERING &amp; TECHNOLOGY</b>			
<b>245.</b>	<b>SR/WOS-A/ET-1096/2015</b> A novel bioreactor development for microalgal cultivation and for production of value added products	Ms. Chandrika Kethineni Hyderabad Institute of Technology and Management, Ranga Reddy -501401 <b>Telangana</b>	<b>2280000</b>
<b>246.</b>	<b>SR/WOS-A/ET-14/2016</b> Study of structure-property correlation to comprehend cementite dissolution during wire drawing process	Dr. Sabita Ghosh National Metallurgical Laboratory, Jamshedpur-831007 <b>Jharkhand</b>	<b>2715000</b>
<b>247.</b>	<b>SR/WOS-A/ET-19/2016</b> Studies in the	Ms. Anjali Wakmikrao Pise College of Engineering Pune-411005	<b>2226500</b>

	characterization of biomedical signals: Application for Epilepsy diagnostics	<b>Maharashtra</b>	
<b>248.</b>	<b>SR/WO-A/ET-20/2016</b> Non-Invasive imaging tool for ayurvedic tongue diagnosis	Ms Richa Mishra B.M.S. College of Engineering, Bangalore-560019 <b>Karnataka</b>	<b>2022000</b>
<b>249.</b>	<b>SR/WOS-A/ET-22/2016</b> Early diagnosis of pathologies in retinal image	Ms M Tamil Nidhi Anna University, Chennai-600025 <b>Tamil Nadu</b>	<b>1765000</b>
<b>250.</b>	<b>SR/WOS-A/ET-24/2016</b> Multifunctional polymer / mesoporous bioactive glass composite nanoparticles as a targeted drug delivery platform for bone	Ms. Lakshmi M Mukundan Indian Institute of Technology Kharagpur, Kharagpur-721302 <b>West Bengal</b>	<b>2150000</b>
<b>251.</b>	<b>SR/WOS-A/ET-29/2016</b> Hydrogen assisted corrosion and fracture in pipeline steel	Dr. Swapna Dey CSIR-National Metallurgical Laboratory Jamshedpur-831007 <b>Jharkhand</b>	<b>2660000</b>
<b>252.</b>	<b>SR/WOS-A/ET-30/2016</b> A framework for detection & remission of security attacks in software defined network	Ms Drashti Dave Central University of Rajasthan, Ajmer-305817 <b>Rajasthan</b>	<b>1195000</b>
<b>253.</b>	<b>SR/WOS-A/ET-34/2016</b> Nano-structured CZTSSe thin film solar cells using nano-imprint Lithography	Ms Simya Olavil Karayi PSG Institute of Advanced Studies, Avinashi Road, Peelamedu, Coimbatore-641004 <b>Tamil Nadu</b>	<b>2650000</b>
<b>254.</b>	<b>SR/WOS-A/ET-42/2016</b> “Development and characterization of ferroelectric ceramic-polymer composites for embedded capacitor applications	Ms CV Lakshmi Variar Centre for Materials of the Electronics Technology, Thrissur-680581 <b>Kerala</b>	<b>2235000</b>
<b>255.</b>	<b>SR/WOS-A/ET-44/2016</b> Biodegradable magnesium alloys with tailored degradation for bone	Ms Anuradha Jana Central Glass and Ceramics Research Institute, 196, Raja S.C. Mullick Road, Kolkata-700032	<b>1985000</b>

	replacement applications	<b>West Bengal</b>	
<b>256.</b>	<b>SR/WOS-A/ET-56/2016</b> Recovery of valuable resources from distillery wastewater by forward osmosis (FO)	Dr. Malini Balakrishnan The Energy and Resources Institute (TERI), New Delhi-110003 <b>Delhi</b>	<b>2408000</b>
<b>257.</b>	<b>SR/WOS-A/ET-61/2016</b> Fabrication of nanobiosensor for rapid, low cost and point of care detection of Alpha fetoprotein	Ms Gayathri Gangadharan Sri Sivasubramania Nadar College of Engineering, Chennai <b>Tamil Nadu</b>	<b>2000000</b>
<b>258.</b>	<b>SR/WOS-A/ET-66/2016</b> Biodegradable superabsorbent material for application in personal disposable hygiene products	Ms Preethi Ramadoss Anna University, Chennai-600025 <b>Tamil Nadu</b>	<b>2375000</b>
<b>259.</b>	<b>SR/WOS-A/ET-69/2016</b> Speaker separation in multi-speaker environment	Ms R Hemavathi Siddaganga Institute of Technology, B.H. Road, Tumkur <b>Karnataka</b>	<b>1775000</b>
<b>260.</b>	<b>SR/WOS-A/ET-70/2016</b> Design and development of controller for smart micro-grid under unbalanced conditions	Ms. Sheeba Babu PSG College of Technology, Coimbatore-641004, <b>Tamil Nadu</b>	<b>2290000</b>
<b>261.</b>	<b>SR/WOS-A/ET-82/2016</b> Design and implementation of efficient millimeter wave transceiver architecture for 5G cellular systems	Ms Pournamy Sukumaran Amrita Vishwa Vidyapeetham Bangalore-560035 <b>Karnataka</b>	<b>2226500</b>
<b>262.</b>	<b>SR/WOS-A/ET-83/2016</b> Self-powered wearable ECG Patch for IoT healthcare	Ms V Priya Indian Institute of Technology Hyderabad, Hyderabad-502285 <b>Telangana</b>	<b>2044000</b>
<b>263.</b>	<b>SR/WOS-A/ET-89/2016</b> Optimizing the low power alternating field frequency to minimize the polarization/fouling in membrane filtration of whey proteins	Ms Kalpana Biswas University of Calcutta, 92, A.P.C. Road Kolkata-700009 <b>West Bengal</b>	<b>2335000</b>

<b>264.</b>	<b>SR/WOS-A/ET-94/2016</b> Design and analysis of reconfigurable mimo antenna with ultra wideband for cognitive radio applications	Ms Vijetha Tummala MLR Institute of Technology, Dingdiga, Quthbullapur Mandal, Hyderabad-43, <b>Telangana</b>	<b>2420000</b>
<b>265.</b>	<b>SR/WOS-A/ET-96/2016</b> Investigations on Hybrid Optical amplifiers for wavelength division multiplexed systems	Ms Ajaybeer Kaur Punjabi University, Patiala-147001 <b>Punjab</b>	<b>2265500</b>
<b>266.</b>	<b>SR/WOS-A/ET-97/2016</b> Estimation and prediction of Cyber threats using bayesian graph	Ms Gemini George IITM-K Building, Techno Park Campus, Trivandrum-695581 <b>Kerala</b>	<b>1760000</b>
<b>267.</b>	<b>SR/WOS-A/ET-101/2016</b> New passive control system for seismic protection of structures	Ms Harshada Sharma Indian Institute of Technology Delhi New Delhi-110016 <b>Delhi</b>	<b>1970000</b>
<b>268.</b>	<b>SR/WOS-A/ET-104/2016</b> Flexible carbon nanotube strain gauge sensors for biomedical applications	Ms Chanamolu Swathi Andhra University College of Engineering, Visakhapatnam-530003 <b>Andhra Pradesh</b>	<b>2290000</b>
<b>269.</b>	<b>SR/WOS-A/ET-111/2016</b> Development of MEMS based wearable sensors for early stage identification of Parkinson's disease	Ms Preeti Mallela K. L. University, Green Fields, Vaddeswaram-522502 <b>Telangana</b>	<b>2660000</b>
<b>270.</b>	<b>SR/WOS-A/ET-110/2016</b> Voice call transfer service between Wi-Fi enabled android Smartphone and tablets without using internet	Ms Durga Sowjanya Kolluru Laxman Reddy Avenue, Dingdiga Quthbullapur (M), Hyderabad-500043 <b>Telangana</b>	<b>2165000</b>
<b>271.</b>	<b>SR/WOS-A/ET-119/2016</b> Distributed data deduplication technique for efficient cloud storage system	Ms. Ravneet Kaur Thapar University, Patiala-147004 <b>Punjab</b>	<b>2480000</b>
<b>272.</b>	<b>SR/WOS-A/ET-121/2016</b> Urban traffic demand management strategies: Impact on congestion,	Ms. Ranjana Soni Indian Institute of Technology Delhi, Hauz Khas New Delhi-110016 <b>Delhi</b>	<b>1850000</b>

	pollution and mobility		
<b>273.</b>	<b>SR/WOS-A/ET-125/2016</b> Modeling and control of artificial arm	Ms. Manju Vijayakumar Sarojam Anna University, Chennai-600025 <b>Tamil Nadu</b>	<b>2343900</b>
<b>274.</b>	<b>SR/WOS-A/ET-129/2016</b> Exploration of high performance polymers and nano-fillers to develop futuristic adhesives for metals	Dr. Jaspreet Kaur Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110016 <b>Punjab</b>	<b>3040000</b>
<b>275.</b>	<b>SR/WOS-A/ET-131/2016</b> Life assessment of alloy steel casting with pre-existing defects	Ms Madhulika Sharma CSIR-National Metallurgical Laboratory, Burmahines, Jamshedpur-831007 <b>Jharkhand</b>	<b>1566600</b>
<b>276.</b>	<b>SR/WOS-A/ET-139/2016</b> Wind, solar and hybrid power forecasting through wavelet ANFIS technique	Ms. Nandana M Jyothi Acharya Nagarjuna University, Nagarjuna Nagar, Guntur.-522510 <b>Andhra Pradesh</b>	<b>2070000</b>
<b>277.</b>	<b>SR/WOS-A/ET-143/2016</b> Method for analysis and improvement of branch prediction policies in modern architectures	Ms. Moumita Das Indian Statistical Institute, 203, Barrackpore Trunk Road, Kolkata-700108 <b>West Bengal</b>	<b>1765000</b>
<b>278.</b>	<b>SR/WOS-A/ET-145/2016</b> Synergy analysis of remote sensing modalities for environmental application	Ms Srutiparna Neogi Indian Statistical Institute, No. 203, Barrackpore, Kolkata-700108 <b>West Bengal</b>	<b>2275000</b>
<b>279.</b>	<b>SR/WOS-A/ET-148/2016</b> Synthesis and characterization of magnetic nanoparticles and their biomedical, photocatalysis applications	Ms Shraddha Agrawal Aligarh Muslim University, Aligarh-202002 <b>Uttar Pradesh</b>	<b>1908000</b>
<b>280.</b>	<b>SR/WOS-A/ET-151/2016</b> Model for port based sustainable containerized traffic operation in India	Ms. Vidya G MOhan National Institute of Technology, Calicut-673601 <b>Kerala</b>	<b>2110000</b>
<b>281.</b>	<b>SR/WOS-A/ET-164/2016</b> Design and performance evaluation of 2D materials in MOS devices for low power	Dr Subhra Dhar ABV-Indian Institute of Information Technology & Management,	<b>3006500</b>

	VLSI applications	Gwalior-474015 <b>Madhya Pradesh</b>	
<b>282.</b>	<b>SR/WOS-A/ET-168/2016</b> Development of high melt strength poly (Lactic Acid) ionomers	Dr. Seena Joseph National Chemical Laboratory, Pune-411008 <b>Maharashtra</b>	<b>2802000</b>
<b>283.</b>	<b>SR/WOS-A/ET-173/2016</b> Eyepad-a dynamic Braille e-book reader with OCR	Ms Kavitha D Ravindran Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-641043 <b>Tamil Nadu</b>	<b>2280000</b>
<b>284.</b>	<b>SR/WOS-A/ET-175/2016</b> Microbial pretreatment of paper and pulp industry wastewater to improve electricity generation in microbial fuel cell operating with algal biocathode	Ms E Elakkiya PSG College of Technology, Peelamedu, Coimbatore-641004 <b>Tamil Nadu</b>	<b>2285000</b>
<b>285.</b>	<b>SR/WOS-A/ET-16/2017</b> Studies on epoxy based nano polymer composites with enhanced mechanical, electrical, chemical and optical properties	Ms Chaitra Srikanth M.S. Ramaiah Institute of Technology, Bangalore-560054 <b>Karnataka</b>	<b>2315000</b>
<b>286.</b>	<b>SR/WOS-A/ET-17/2017</b> Surface modification over magnesium alloy to improve biocompatibility for orthopedic application	Ms K Saranya Anna University, Chennai-600025 <b>Tamil Nadu</b>	<b>2150000</b>
<b>287.</b>	<b>SR/WOS-A/ET-20/2017</b> Nano engineered submerged ceramic membrane bioreactor for waste water purification	Ms S R Sowmya M.S. Ramaiah Institute of Technology, MSR College Road, Bangalore-560054 <b>Karnataka</b>	<b>2150000</b>
<b>288.</b>	<b>SR/WOS-A/ET-21/2017</b> Study on the response of improved soft subgrade and use of river bed materials under simulated loading environment	Ms Champakali Das Indian Institute of Engineering Science & Technology, Shibpur, Howrah-711103 <b>West Bengal</b>	<b>2380000</b>
<b>289.</b>	<b>SR/WOS-A/ET-26/2017</b> Studies on strength and durability of rice husk ash	Dr Rejini Rajamma Indian Institute of Science, Bangalore-560012 <b>Karnataka</b>	<b>2885500</b>

	and copper slag incorporated concretes		
<b>290.</b>	<b>SR/WOS-A/ET-29/2017</b> Development of fermentation process for production of natural $\beta$ -carotene from <i>Blakeslea trispora</i>	Ms Shweta Nagal Jamia Hamdard, Hamdard Nagar New Delhi-110062 <b>Delhi</b>	<b>2730000</b>
<b>291.</b>	<b>SR/WOS-A/ET-38/2017</b> Development of a hardware friendly machine learning system for embedded applications	Ms Arunima Sambhuta Pattanayak National Institute of Science & Technology Palur Hills, Berhampur-761008 <b>Odisha</b>	<b>2050000</b>
<b>292.</b>	<b>SR/WOS-A/ET-40/2017</b> Development of novel semiconductor quantum dots and photoanode for sensitized solar cell applications	Ms T Archana Anna University, Chennai-600025 <b>Tamil Nadu</b>	<b>2260000</b>
<b>293.</b>	<b>SR/WOS-A/ET-48/2017</b> Modification of TW3 RUS for bone age assessment for Indian children using digital image processing	Ms Sonal Devendra Deshmukh Maharashtra Institute of Technology Pune-411038 <b>Maharashtra</b>	<b>1814000</b>