

DETAILS OUTLAY OF SPONSORED PROJECTS - IISER- PUNE

| SR. NO. | NAME OF PROJECT                                                                                                                              | DIGITAL CODE | PROJECT CODE            | FUNDING AGENCY                             | PROJECT LEADER                             | SANCTION NO./DATE                                            | SANCTION YEAR               |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------|--------------------------------------------|--------------------------------------------|--------------------------------------------------------------|-----------------------------|
| 1       | Electronic Pluanton Mechanic                                                                                                                 | 30106001     | GAP/DST/PHY-06-0001     | DST                                        | Prof. R. Ramachandran                      |                                                              | 2005-06                     |
| 2       | Material for Optoelectronics : Design, syntheses and characterization of Hybrid conjugated molecules with luminescent properties             | 30106002     | GAP/DST/CH-06-0002      | DST                                        | Dr. V.G. Anand                             | SR/S1/OC-20/2005 dtd. 21/10/2008                             | 2005-06 ( at IISER 2008-09  |
| 3       | Development of electricity conducting polyanilinc nanomaterial                                                                               | 30108003     | GAP/DST/CH-08-0003      | DST                                        | Dr. M. Jayakannan                          | SR/S5/NM-06/2007 dtd. 31/03/2008                             | 2008-09                     |
| 4       | Ramanujan Fellowship                                                                                                                         | 30108004     | GAP/DST/PHY-08-0004     | SERB                                       | Dr. Sudarshan Ananth                       | SR/S2/RJN-21/2007 dtd. 25/07/2008                            | 2008-09                     |
| 5       | Investigation of magnetic nano and coreshell particles (CRS-M-143)                                                                           | 30209005     | GAP/UGC/PHY-09-0005     | UGC - Other                                | Dr. S.K. Kulkarni                          | CSR/AO/MUM/CRS-M-143/08/422 dtd. 12/02/2008                  | 2009-10                     |
| 6       | Therotical Physics - Max Planck                                                                                                              | 30309006     | GAP/DST-MRG/PHY-09-0006 | DST and Max Planck Gesellschaft (DST-MPG)  | Dr. Sudarshan Ananth                       | INT/FRG/MPG/IPI-06/2009 dtd. 24/03/2009                      | 2008-09                     |
| 7       | An Ecological study of complex life cycle parasites of wild mammallan carnivores                                                             | 30109007     | GAP/DST/BIO-07-0007     | DST                                        | Dr. Milind Watve                           | SR/SO/AS/75/2006 dtd. 14/09/2007                             | 2007-08 ( at IISER 2009-10) |
| 8       | Indo-Norvegian Project on Wild life - Human conflict                                                                                         | 30409008     | GAP/IISc/BIO-07-0008    | IISc, Bangalore - Other                    | Dr. Milind Watve                           | 22/11/2007                                                   | 2007-08                     |
| 9       | Ms. Niruta Killedar, Technical Officer                                                                                                       | 30109009     | GAP/DST/PHY-09-0009     | DST                                        | Dr. S.K. Kulkarni/ M Jayakannan            | SR/NM/NS-42/2009 dtd. 30/09/2009                             | 2009-10                     |
| 10      | Investigating the dynamics of spatially structured and unstructured lab populations of Drosophila maelanogaster under constant perturbations | 30509010     | CSIR/GAP/BIO-09-0010    | CSIR -Other                                | Dr. Sutirth Dey                            | 37(1370)/09/EMR.II dtd. 12/10/2009                           | 2009-10                     |
| 11      | Propagation and near earth manifestation of solar coronal mass electronics (CMEs)                                                            | 30609011     | GAP/ISRO/PHY-09-0011    | ISRO - Dept. of Space - Other              | Dr. Prasad Subramanian                     | ISRO/RES/2/363/09-10 dtd. 30/10/2009                         | 2009-10                     |
| 12      | Application of Knot theory in understanding proteins                                                                                         | 30109012     | GAP/DST/PHY-09-0012     | DST                                        | Dr. Shanta Bhushan                         | SR/WOS-A/MS-12/2009 dtd.25-11-2009                           | 2009-10                     |
| 13      | Synthesis of expanded carba and pyridine Derivatives of Isophlorins                                                                          | 30509013     | GAP/CSIR/CH-09-0013     | CSIR - Other                               | Dr V.G. Anand                              | 01(2328)/09/EMR-II dtd. 25/11/2009                           | 2009-10                     |
| 14      | High performance polymonic flocculants for waste water                                                                                       | 30509014     | GAP/CSIR/CHE-09-0014    | CSIR - Other                               | Prof. Ramprakash Singh                     | 21(0780)/09/EMR.II dtd. 30/11/2009                           | 2009-10                     |
| 15      | Structural studies on NTP-dependent restriction modification enzymes / Wellcome Trust / DBT project                                          | 30610015     | GAP/WT-DBT/BIO-09-0015  | Welcome Trust - DBT India Alliance - Other | Dr. Saikrishnan Kayarat                    | 500048/Z/09/Z dtd. 01/12/2009                                | 2009-10                     |
| 16      | Characterization of the novel interaction between check point protein TopBP1 and anti-apoptic protein Api5                                   | 30810016     | GAP/DBT/BIO-10-0016     | DBT                                        | Dr. Mayurika Lahiri                        | BT/PR13244/GBD/ 27/228/2009 dtd. 11-01-2010                  | 2009-10                     |
| 17      | Biomechanics of synaptogenesis: the role of mechanical tension                                                                               | 30810017     | GAP/DBT/BIO-10-0017     | DBT                                        | Dr. Aurnab Ghose & Dr. Pramod A. Pullarkat | BT/PR13310/GBD/27/245/2009 dt. 14.01.10                      | 2009-10                     |
| 18      | Synthesis and self assembly of magnetic nanostructures: A search for novel phenomenon                                                        | 30110018     | GAP/DST/CH-10-0018      | DST                                        | Dr. Seema Verma                            | SR/FTP/CS-09/2007 dtd. 15-12-2009                            | 2007-08 (2009-10 to IISER)  |
| 19      | Modeling and Stimulation of Polymer electrolyte membranance and molecular transport in fuel cells                                            | 30110019     | GAP/DST/CH-10-0019      | DST                                        | Dr. Arun Venkatnathan                      | SR/S1/PC/28/2009 dtd. 4-1-2010                               | 2009-10                     |
| 20      | Photoinduced electron transfer rate (between flavins and aromatic aminoacids) in nanocavity of proteins versus bulk water                    | 30110020     | GAP/DST/CH-10-0020      | DST                                        | Dr. Partha Hazra                           | SR/FT/CS-058/2009 dtd. 20-01-2010                            | 2009-10                     |
| 21      | Functionalized ribonucleoside analogues: Synthesis, site-specific enzymatic incorporation and applications                                   | 30110021     | GAP/DST/CH-10-0021      | DST                                        | Dr. Seerghazhi G. Srivatsan                | SR/S1/OC-51/2009                                             | 2009-10                     |
| 22      | Development of green chemical melt transurethane reaction for polyurethanes                                                                  | 30110022     | GAP/DST/CH-10-0022      | DST                                        | Dr. M. Jayakannan                          | SR/S1/OC-54/2009                                             | 2010-11                     |
| 23      | Investigation of gamma and hybrid gamma helical peptides as HIV-I fusuin inhibitors                                                          | 30110023     | GAP/DST/CH-10-0023      | DST                                        | Dr. Hosahudya Gopi                         | SR/S1/OC-58/2009                                             | 2010-11                     |
| 24      | The MOR cryptosystem and special p-groups (NBHM/RP 13/2009/Fresh/223)                                                                        | 30910024     | GAP/DAE/MTH-10-0024     | DAE - Other                                | Dr. Ayan Mahalanobis                       | 2/48(11)/2009/R&D II/2764 dt. 22-3-2010                      | 2010-11                     |
| 25      | Study of CTCT mediated long range interactions in human genome                                                                               | 31010025     | GAP/IUSSTF/BIO-10-0025  | IUSSTF - Other                             | Dr. Sanjeev Galande                        | IUSSTF/FOS Award-2009/Human Genome/2010-2011 dtd. 01/04/2010 | 2010-11                     |
| 26      | Genetic control of cell proliferation, cell size and cell affinities - Indo SPANISH Grant                                                    | 30110026     | GAP/DST/BIO-10-0026     | DST                                        | Dr. L.S. Shashidhara                       | DST/INT/SPAIN/_12/2009 dtd. 30-3-2010                        | 2010-11                     |
| 27      | Virtual Centre of Excellence on Epigenetics                                                                                                  | 30810027     | GAP/DBT/BIO-10-0027     | DBT                                        | Dr. Sanjeev Galande                        | BT/01/COE/09/07 dtd. 19-3-2010                               | 2009-10                     |
| 28      | Transcription Regulation in heterochromatin : Role of MADF- BESS domain proteins - DBT-RGY                                                   | 30810028     | GAP/DBT/BIO-10-0028     | DBT                                        | Dr. Girish Ratnaparkhi                     | BT/PR13487/GBD/27/269/2010 DT. 06.05.2010                    | 2010-11                     |
| 29      | Modulation of the innate immune response by SuMOylation - Wellcome Trust/DBT- Girish R                                                       | 30710029     | GAP/WT-DBT/BIO-10-0029  | Welcome Trust - DBT India Alliance - Other | Dr. Girish Ratnaparkhi                     | 500102/Z/09/Z dtd. 15/06/2010                                | 2010-11                     |

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|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|---------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------|------------------|
| 30      | Theretical and emprical investigation on the interaction of asymmetric migration and intristic growth rate on the dynamics of laboratory metapopulation of Drosophila melanogaster | 30810030     | GAP/DBT/BIO-10-0030    | DBT                                         | Dr. Sutirth Dey             | BT/PR13381/GBD/27/265/2009 dtd. 31/05/2010                                                        | 2010-11          |
| 31      | Ramanujan Fellowship                                                                                                                                                               | 30108031     | GAP/DST/PHY-10-0031    | DST                                         | Dr. Harsh Chaturvedi        | SR/S2/RJN-28/2009 dtd. 10/06/2010                                                                 | 2010-11          |
| 32      | Development of novel microscopic techniques for nano-bio-mechanics                                                                                                                 | 30110032     | GAP/DST/PHY-10-0032    | DST                                         | Dr. Shivprasad Patil        | SR/NM/NS-84/2009 dt. 08.07.2010                                                                   | 2010-11          |
| 33      | Emergent dynamics on growing networks with comparable time scales                                                                                                                  | 30110033     | GAP/DST/PHY-10-0033    | DST                                         | Dr.G.Ambika                 | SR/S2/HEP-08/2009 dt. 09.07.10                                                                    | 2010-11          |
| 34      | Data Integration to identify biomarkers to diagnose and monitor Type I diabetes and other inflammatory diseases                                                                    | 30810034     | GAP/DBT/BIO-10-0034    | DBT                                         | Dr.Sanjeev Galande          | BT/IN/Finnish/23/SG/2009 dt. 17.09.2010                                                           | 2010-11          |
| 35      | Swarnajayanti Fellowship - Capturing the active chromatin in mammalian cell nucleus: comprehensive and large scale mapping of interactions between genomic elements                | 31210035     | GAP/DST/BIO-10-0035    | DST                                         | Dr.Sanjeev Galande          | DST/SJF/LS-02/2006-07 dt. 29.08.08                                                                | 2008-09          |
| 36      | Coordination of actin and Microtubule dynamics in neuronal pathfinding: Role of Formin-2                                                                                           | 30810036     | GAP/DBT/BIO-10/0036    | DBT                                         | Dr.Aurnab Ghose             | BT/PR12698/BRB/10/717/2009 dt. 27.09.10                                                           | 2010-11          |
| 37      | Molecular characterization of the BEL-1 like homologs in potato and their role in long distance signaling of tuberization                                                          | 30110037     | GAP/DST/BIO-10-0037    | DST                                         | Dr.Anjan Banerjee           | F No.SR/SO/PS-28/10 dt. 20.09.10                                                                  | 2010-11          |
| 38      | Glucose sensing mechanisms in the brain of teleost fish: identification, characterization and physiological significance                                                           | 30110038     | GAP/DST/BIO-10-0038    | DST                                         | Dr.Nishikant Subhedar       | SR/SO/AS/06/2010 dt. 23.09.10                                                                     | 2010-11          |
| 39      | Regulators of adhesion-dependent membrane trafficking role in anchorage independence of cancer (RAMALINGASWAMY FELLOWSHIP - 2009-10)                                               | 30810039     | GAP/DBT/BIO-10-0039    | DBT                                         | Dr. Nagaraj Balasubramanian | BT/HRD/35/02/21/2009 dt. 20.10.10                                                                 | 2010-11          |
| 40      | Development on aptamer mediated TRAP (targeted reversibly attenuated probes) for in vivo imaging of RNA                                                                            | 30110040     | GAP/DST/BIO-10-0040    | DST                                         | Dr.Jayeeta Anjan Banerjee   | SR/FT/LS-066/2009 dt. 18.10.10                                                                    | 2010-11          |
| 41      | Ramanujan Fellowship to Dr.G V Pavan Kumar                                                                                                                                         | 31110041     | GAP/DST/PHY-10-0041    | DST                                         | Dr.G.V.Pavan Kumar          | SR/S2/RJN-39/2010 dt. 27.10.10                                                                    | 2010-11          |
| 42      | Role of Chromatin Architecture in Cellular Senescence                                                                                                                              | 31410042     | GAP/IFCPAR/BIO-10-0042 | IFCPAR-CEFIPRA                              | Dr.Sanjeev Galande          | IFC/A/4003-1/2010-11/1112 DT. 19.11.10                                                            | 2010-11          |
| 43      | Mechanistic Analysis of endocytosis of the amyloid precursor protein - Wellcome Trust DBT India Alliance                                                                           | 30711043     | GAP/WT-DBT/BIO-11-0043 | Wellcome Trust - DBT India Alliance - Other | Dr. Thomas Pucadyil         | 500174/Z/09/Z dt. 29.12.10                                                                        | 2010-11          |
| 44      | Molecular mechanisms of nuclear structure-function relationship in cancer - Wellcome Trust / DBT India Alliance                                                                    | 30711044     | GAP/WT-DBT/BIO-11/0044 | Wellcome Trust - DBT India Alliance - Other | Dr.Kundan Sengupta          | 500164/Z/09/Z dt. 30.12.10                                                                        | 2010-11          |
| 45      | Micro-cantilever based calorimetric biosensor for decentralized diagnostics and drug-discovery using a novel detection mechanism - Wellcome Trust / DBT India Alliance             | 30711045     | GAP/WT-DBT/BIO-11/0045 | Wellcome Trust - DBT India Alliance - Other | Dr.Shivprasad Patil         | 500172/Z/09/Z dt. 03.01.11                                                                        | 2010-11          |
| 46      | Cascade Glycosylations : A novel strategy for carbohydrate epitopes and glycoarrays - "Swarnajayanti Fellowship"                                                                   | 31211046     | GAP/DST/CHE-11/0046    | DST                                         | Dr.Srinivas Hotha           | DST/SJF/CSA-01/2009-2010 dt. 15.12.10                                                             | 2010-11          |
| 47      | Raja Ramanna Fellowship to Prof. Avinash V Khare                                                                                                                                   | 30911047     | GAP/DAE/PHY-11/0047    | DAE - Other                                 | Prof. Avinash V Khare       | 10/12/2010/RRF-R&D-II/9434 dt. 08.10.10 & 10/12/2010/RRF-R & D-II/11864 dt. 13.12.10 for transfer | 2010-11          |
| 48      | JC Bose Fellowship to Prof. L S Shashidhara                                                                                                                                        | 31511048     | GAP/DST/BIO-11/0048    | SERB                                        | Dr. L.S. Shashidhara        | SR/S2/JCB-60/2010 dt. 27.01.11                                                                    | 2010-11          |
| 49      | Development of Naphthalenediimide and Naphthaleneimide Based D-Glucose selective synthetic probes                                                                                  | 30911049     | GAP/DAE/CHE-11/0049    | BRNS (DAE)                                  | Dr.Pinaki Talukdar          | 2010/20/37C/6/BRNS/2480 dt. 15.02.11                                                              | 2010-11          |
| 50      | Molecular and genetic characterisation of Drosophila and mouse Ataxin-2 binding protein 1 in the context of spinocerebellar Ataxia type-2                                          | 30111050     | GAP/DST/BIO-11/0050    | DBT                                         | Dr.L.S.Shashidhara          | SR/SO/BB-08/2009 dt. 01.09.10                                                                     | 2010-11          |
| 51      | Organic sources of gaseous entitles with physiological relevance - DST - Fast Track                                                                                                | 30111051     | GAP/DST/CHE-11/0051    | DST                                         | Dr.Harinath Chakrapani      | SR/FT/CS-89/2010 dt. 31.01.2011                                                                   | 2010-11          |
| 52      | Design and Synthesis of functional framework materials based on P-N and P-O building blocks                                                                                        | 30111052     | GAP/DST/CHE-11/0052    | DST                                         | Dr. R Boomi Shankar         | SR/FT/CS-014/2008 dt. 31.12.08                                                                    | 2008-09 at IIT-G |
| 53      | RNAi based genetic screen to identify interactors of dVAP33 and their in VAPB mediated ALS                                                                                         | 30811053     | GAP/DBT/BIO-11/0053    | DBT                                         | Dr. Girish Ratnaparkhi      | BT/PR14223/Med/30/410/2010 dt. 09.03.11                                                           | 2010-11          |

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|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|---------------------------------------------|---------------------------------------------|-----------------------------------------------|--------------------------------------|
| 54      | Neurobiology of fear : involvement of CART neuropeptide                                                                                                                                                              | 30811054     | GAP/DBT/BIO-11/0054      | DBT                                         | Dr. N S Subhedar / Aurnab Ghose             | BT/PR14253/Med/30/432/2010 dt. 16.03.11       | 2010-11                              |
| 55      | Carbohydrate capped nanoparticles as Tumor Specific Drug Delivery Systems - MAX PLANK PARTNER - Germany                                                                                                              | 30311055     | GAP/DST-MPG/CHE-11/0055  | DST / MAX PLANK PARTNER                     | Dr. Raghavendra Kikkeri                     | IGSTC/MPG/PG(RK)/2011 dt. 19.12.2011          | MPG - 2011-12<br>DST - 2011-12       |
| 56      | DAE - Young Scientist Research Award to Dr. Sujit Kumar Ghosh - "Development and Functional studies of Homochiral Inorganic - Organic Hybrid Materials"                                                              | 30911056     | GAP/DAE/CHE-11/0056      | DAE - Other                                 | Dr. Sujit Kumar Ghosh                       | S. No. 2011/20/37C/06/BRNS/1000 dt. 22.07.11  | 2011-12                              |
| 57      | Chiral Lanthanide carbohydrate clusters for studying carbohydrate - protein Interactions                                                                                                                             | 30911057     | GAP/DAE/CHE-11/0057      | DAE - Other                                 | Dr. Raghavendra Kikkeri                     | S. No. 2011/37C/20/BRNS/0999 dt. 22.07.11     | 2011-12                              |
| 58      | DAE - Young Scientist Research Award to Dr. Masilamani Jeganmohan - "Total Synthesis of Natural Benzo (C) phenanthridine Alkaloids by Metal - catalyzed cyclization of C - H bond activation reaction as a key step" | 30911058     | GAP/DAE/CHE-11/0058      | DAE - Other                                 | Dr. M Jeganmohan                            | S. No. 2011/20/37C/BRNS/1001 dt. 23.07.11     | 2011-12                              |
| 59      | Integrin - dependent regulation C582of anchorage independence in cancers - Wellcome Trust / DBT - Nagaraj Balasubramanian                                                                                            | 30711059     | GAP/WT-DBT/BIO-11/0059   | Wellcome Trust - DBT India Alliance - Other | Dr. Nagaraj Balasubramanian                 | 500238/Z/11/Z dt. 01.09.11                    | 2011-12                              |
| 60      | Creation of Virtual Classrooms (VCR) at IISER Pune - NICSI                                                                                                                                                           | 31611060     | MoU in Jan 2011          | NICSI                                       | Director                                    | MoU dt. 18.01.2011                            | 2011-12                              |
| 61      | Direct Assembly of Poly nuclear Ru (II) Complexes on carbon Nanostructures - A Prospective Organic Photovoltaic cells / Indo Isreal Project                                                                          | 30111061     | GAP/DST/CHE-11/0061      | DST                                         | Dr. Raghavendra Kikkeri / Dr. Shouvik Datta | DST/INT/ISR/P-4/2011 dt. 08.09.2011           | 2011-12                              |
| 62      | Study of transmembrane ion channel activity of cyclo (1-6)-B-D-glucosamine derivatives and evaluation of their antibacterial potential (Indo Russian Project)                                                        | 30111062     | GAP/DST/CHE-11/0062      | DST                                         | Dr. Pinaki Talukdar                         | INT/RFBR/P-96 dt. 23.08.2011                  | 2011-12                              |
| 63      | Quantum Information processing by nuclear magnetic resonance: oriented spin systems as large quantum registers                                                                                                       | 30111063     | GAP/DST/PHY-11/0063      | DST                                         | Dr. T S Mahesh                              | SR/S2/LOP-0017/2009(G) dt. 27.09.11           | 2011-12                              |
| 64      | A transcriptomic approach to decipher the alarm signals in phloem of wild solanum species in response to pathogen challenge                                                                                          | 30811064     | GAP/DBT/BIO-11/0064      | DBT                                         | Dr. Anjan Banerjee                          | BT/PR14449/BRB/10/847/2010 dtd. 03/11/2011    | 2011-12                              |
| 65      | New Insight of Flavin Aptamer Recognition Process with the help of Biophysical Studies                                                                                                                               | 30512065     | GAP/CSIR/CHE-12/0065     | CSIR                                        | Dr. Partha Hazra                            | 37(1499)/11/EMR-II dt. 22.12.2011             | 2011-12                              |
| 66      | Conformation of microhydrated peptides: Laser desorption jet cooled studies                                                                                                                                          | 30112066     | GAP/DST/CHE-12/0066      | DST                                         | Dr. Alok Das                                | SR/S1/PC/0054/2010 dt. 27.01.2012             | 2011-12                              |
| 67      | DBT/IISER Partnership : Facilitation of Research collaboration in emerging areas of Biology - Phase-I / NISER                                                                                                        | 30812067     | GAP/DBT/BIO-12/0067      | DBT                                         | Dr. L.S. Shashidhara                        | BT/01/DBT-IISER/2009 dt. 17.02.12             | 2011-12                              |
| 68      | Epigenetics of the fetal odor learning                                                                                                                                                                               | 30112068     | GAP/DST/BIO-12/0068      | DST                                         | Dr. Ram Kulkarni                            | SR/CSI/PDF-78/2011 dt. 31.01.12               | 2011-12                              |
| 69      | Two Dimensional Metal - Organic Coordination Networks - DAE Young Scientist Research Award                                                                                                                           | 30912069     | GAP/DAE/CHE-12/0069      | BRNS (DAE)                                  | Dr. Nirmalya Ballav                         | 2011/20/37C/17/BRNS/2655 dt. 03.02.12         | 2011-12                              |
| 70      | Surface enhanced Raman Scattering in holographic optical trap                                                                                                                                                        | 30112070     | GAP/DST/SERB/CHE-12/0070 | SERB                                        | Dr.G.V.Pavan Kumar                          | SR/S2/LOP-0007/2011 dt. 23.02.2012            | 2011-12                              |
| 71      | Knowledge Economy Partnerships 2011 / Application of the Chemistry labskills teaching resources to the Indian education system                                                                                       | 31712071     | GAP/BC/CHE-12-0071       | BRITHS COUNCIL                              | Dr. Harinath Chakrapani                     | PRG/0019/2011-12 dt. 21.03.12                 | 2011-12                              |
| 72      | Study of novel nuclear function(s) of Fibronectin                                                                                                                                                                    | 30812072     | GAP/DBT/BIO-12-0072      | DST                                         | Dr. Sanjeev Galande                         | BT/PR7959/BRB/10/506/2006 dt. 15.10.08        | transferred from NCCS during 2011-12 |
| 73      | Chimeric Nanoparticle: A Novel Nanoplatfrom for Signaling Pathway Driven Cancer Chemotherapy - Ramalingaswami Fellowship                                                                                             | 31312073     | GAP/DBT-RLF/BIO-12-0073  | DBT                                         | Dr. Sudipta Basu                            | BT/RLF/Re-entry/13/2011 dt. 23.03.2012        | 2011-12                              |
| 74      | Hypoxia - Activated Prodrugs of Nitric Oxide (Innovative Young Biotechnologists Award - 2011 (IYBA 2011))                                                                                                            | 30812074     | GAP/DBT/BIO-12-0074      | DST                                         | Dr. Harinath Chakrapani                     | BT/05/IYBA/2011 dt. 29.03.12                  | 2011-12                              |
| 75      | Science Media Centre at IISER Pune                                                                                                                                                                                   | 30112075     | GAP/DST/S&T-12-0075      | DST - NCSTC Div                             | Dr.L.S.Shashidhara                          | CO/P/FP/C06/2011 dt. 30.03.2012               | 2012-13                              |
| 76      | The Role of SATB proteins in the structure and function of the inactive X - Wellcome Trust / DBT India Alliance                                                                                                      | 30712076     | GAP/WT-DBT/BIO-12/0076   | Wellcome Trust - DBT India Alliance - Other | Dr. Ashwin Kelkar                           | IA/E/11/500428 dt. 20.04.12                   | 2012-13                              |
| 77      | INSPIRE Faculty Award - Chandrasheel Bhagwat                                                                                                                                                                         | 31812077     | GAP/DST/INSPIRE-12-0077  | DST                                         | Chandrasheel Bhagwat                        | DST/INSPIRE Faculty Award/2012 Dtd 23/04/2012 | 2011-12                              |

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|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------|--------------------------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------|---------------|
| 78      | Ramanujan Fellowship - Ashna Bajpai                                                                                                                                                                                            | 31112078     | GAP/DST/PHY-12-0078          | SERB                                                         | Dr. Ashna Bajpai                             | SR/S2/RJN-134/2011 Dtd06/09/2012                                          | 2011-12       |
| 79      | SanGenix: A comprehensive Next Generation Sequence (NGS) data analysis solution (BIPP)                                                                                                                                         | 30812079     | GAP/DBT/BIO-12-0079          | DBT                                                          | Dr. Sanjeev Galande                          | BT/BIPP0514/15/11                                                         | 2011-12       |
| 80      | Collaboration in Medicinal Chemistry between IISER Pune, India and Keele University, Keele, UK - UKIERI for 2012-13                                                                                                            | 31712080     | GAP/BC/CHE/12-0080           | British Council                                              | Dr. B S M Rao                                |                                                                           | 2012-13       |
| 81      | Modeling and observations of CME Propagation, associated radio bursts and cosmic ray Forbush decreases at the earth                                                                                                            | 30612081     | GAP/ISRO/PHY-12-0081         | ISRO - DoS                                                   | Dr. Prasad Subramanian                       | B19013/2/2012-II / 27.03.2012                                             | 2011-12       |
| 82      | Palladium catalyzed chelation assisted C-H bond functionalisation of aromatics, alkenes and alkanes                                                                                                                            | 30112082     | GAP/DST/CHE-12-0082          | SERB                                                         | Dr. Masilamani Jeganmohan                    | SR/S1/OC-26/2011 dt. 15.05.12                                             | 2012-13       |
| 83      | Functional studies of novel inorganic organic hybrid frameworks with guest accessible sites                                                                                                                                    | 30112083     | GAP/DST/CHE-12-0083          | SERB                                                         | Dr. Sujit Kumar Ghosh                        | SR/FT/CS-136/2010 dt. 24.05.2012                                          | 2012-13       |
| 84      | Role of network topology in the generation of coordinated neuronal activity / Wellcome Trust / DBT India Alliance - Collins Assisi                                                                                             | 30712084     | GAP/WT-DBT/BIO-12/0084       | Wellcome Trust - DBT India Alliance - Other                  | Dr. Collins Assisi                           | IA/I/11/2500290 dt. 30.03.2012                                            | 2012-13       |
| 85      | Investigating the role of intracellular calcium signal remodeling in the pathogenesis of Alzheimer's disease / Wellcome Trust / DBT India Alliance - Suhita Nadkarni                                                           | 30712085     | GAP/WT-DBT/BIO-12/0085       | Wellcome Trust - DBT India Alliance - Other                  | Dr. Suhita Nadkarni                          | IA/I/12/1/500529 dt. 18.07.2012                                           | 2012-13       |
| 86      | Development and application of theoretical methods for mechanistic understanding of ultrafast photoinduced molecular processes                                                                                                 | 30112086     | GAP/SERB/CHE-12-0086         | SERB                                                         | Dr. Anirban Hazra                            | SR/FT/CS-125/2011 dt. 29.06.212                                           | 2012-13       |
| 87      | Research Partnership and collaboration Agreement of IISER Pune with Enovex Technology Ltd.                                                                                                                                     | 31912087     | GAP/Enovex-IISER/CHE-12-0087 | Enovex Technology Ltd., Canada                               | Dr. Vaidhyanathan Ramanathan                 | Agreement dtd. 19.03.2012                                                 | 2012-13       |
| 88      | Elevational species diversity patterns in the Eastern Himalayas (Arunachal Pradesh)                                                                                                                                            | 30112088     | GAP/SERB/BIO-12-0088         | SERB                                                         | Dr. Ramana Athreya                           | SR/SO/AS-66/2011 dt. 21.08.2012                                           | 2012-13       |
| 89      | Study of Wildlife issue in general and the Schedule I (WPA) endangered Blyth's Tragopan in particular in West Kameng District against Diversion of 78.45 Ha forest land for implementation of 96MW Nafra Hydroelectric project | 32012089     | GAP/ARUNACHAL/BIO-12-0089    | Govt of Arunachal Pradesh / SEW Nafra Power Corporation Ltd. | Dr. Ramana Athreya                           | CWL/D(2172)/2010-11/488-9 DT. 22.05.12 SEWNAFRA/2012/SR-0614 dt. 06.10.12 | 2012-13       |
| 90      | Redox Directed Mycobacterial Therapeutics                                                                                                                                                                                      | 30812090     | GAP/DBT/CHE-12-0090          | DBT                                                          | Dr. Harinath Chakrapani / Dr. Srinivas Hotha | BT/PR6978/MED/29/636/2012 dt. 28.09.2012                                  | 2012-13       |
| 91      | DNA Damage Surveillance and Repairs : Characterizing the Interaction between Topbl and Msh2-Msh6 complex                                                                                                                       | 30812091     | GAP/DBT/BIO-12-0091          | DBT                                                          | Dr. Mayurika Lahiri                          | BT/PR3156/BRB/10/961/2011 dt. 09.11.2012                                  | 2012-13       |
| 92      | Interacting networks to model and control dynamics of complex systems ( Indo German Project ) (DST-DAAD)                                                                                                                       | 30112092     | GAP/DST/PHY-12-0092          | DST                                                          | Dr. G Ambika, Snehal Shekatkar               | INT/FRG/DAAD/P-215/2012 dt. 21.09.2012                                    | 2012-13       |
| 93      | Electronic, Magnetic & Non Magnetic Doping of Quantum Spin Chains / Indo Swiss PEP Joint Research project                                                                                                                      | 30112093     | GAP/DST/PHY-12-0093          | DST                                                          | Dr. Surjeet Singh. Koushik Karmakar          | INT/SWISS/ISJRF/PEP/P-06/2012 dt. 24.09.2012                              | 2012-13       |
| 94      | Ramanujan Fellowship to Dr. Angshuman Nag                                                                                                                                                                                      | 30113094     | GAP/DST/CHE-13-0094          | SERB                                                         | Dr. Angshuman Nag                            | SR/S2/RJN-61/2012 dt. 25.09.2012                                          | 2012-13       |
| 95      | Impact study on Wild life for Nyamjang Chhu hydropower project in Tawang District of Arunachal Pradesh                                                                                                                         | 32013095     | GAP/ARUNACHAL/BIO-13-0095    | Nyamjang Chhu Hydro Power Ltd., New Delhi                    | Dr. Ramana Athreya                           | CWL/D(21)/133-2012/703-05 dt. 12.10.12                                    | 2012-13       |
| 96      | INSPIRE Faculty Award - Neelesh Dahanukar - IFA 12-LSBM21                                                                                                                                                                      | 31820096     | GAP/DST/INSPIRE-12-0096      | DST                                                          | Dr. Neelesh Dahanukar                        | DST/INSPIRE Faculty Award/2012 Dtd 27.08.2012                             | 2012-13       |
| 97      | Fluorescent Nucleoside-Based Amphiphiles : Synthesis self Assembly Properties and applications                                                                                                                                 | 30512097     | GAP/CSIR/CHE-12-0097         | CSIR                                                         | Dr. S G Srivatsan                            | 02(0086)/12/EMR-II dt. 01.11.12                                           | 2012-13       |
| 98      | FIST Program - 2012 (48)                                                                                                                                                                                                       | 30113098     | GAP/DST/FIST/CHE-13-0098     | DST                                                          | Prof. K N Ganesh                             | SR/FST/CSII-023/2012 dt. 15.11.2012 / 31.12.2012                          | 2012-13       |
| 99      | British Council Division - Knowledge Economy Partnership 2012 under Internationalising Higher Education Programme (IHE)                                                                                                        | 51713099     | BC-IISER/PHY-13-0099         | British Council                                              | Dr. Umakant Rapol                            | Agreement dt.                                                             | 2012-13       |
| 100     | Structural descriptors of protein-protein and protein ligand binding sites and knowledge based design of new interfaces and ligands / Wellcome / Trust/DBT India Alliance - Dr. Mullar Srivatsan Madhusudhan                   | 30713100     | GAP/WT-DBT/BIO-13-0100       | Wellcome Trust - DBT India Alliance - Other                  | Dr. Mallur Srivatsan Madhusudhan             | IA/S/12/2/500640 dt. 15.01.2013                                           | 2013-14       |
| 101     | JC Bose Fellowship to Prof. Sunil Mukhi / transferred from TIFR                                                                                                                                                                | 31513101     | GAP/DST/PHY-13-0101          | SERB                                                         | Dr.Sunil Mukhi                               | SR/S2/JCB-58/2007                                                         | 2012-13       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                            | DIGITAL CODE | PROJECT CODE             | FUNDING AGENCY                              | PROJECT LEADER                                            | SANCTION NO./DATE                                     | SANCTION YEAR |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------|---------------------------------------------|-----------------------------------------------------------|-------------------------------------------------------|---------------|
| 102     | INSPIRE Faculty Award - Gayathri Pananghat                                                                                                                                                 | 31813102     | GAP/DST/INSPIRE-13-0102  | DST                                         | Dr. Gayathri Pananghat                                    | DST/INSPIRE Faculty Award / 2012/LSBM-52 dt. 10.05.13 | 2013-14       |
| 103     | AOARD 134057 Japan - Initiation and propagation of Earth-directed coronal mass ejections                                                                                                   | 32113103     | GAP/AOARD-VS/PHY-13-0103 | Asian Office of Aerospace R & D             | Dr. Prasad Subramanian                                    | FA2386-13-1-4057 dt. 02.04.2013                       | 2013-14       |
| 104     | Role of RNA binding proteins in Hedgehog signalling / Wellcome Trust / DBT India Alliance - Dr.Shital Sarah Ahaley                                                                         | 30713104     | GAP/WT-DBT/BIO-13-0104   | Wellcome Trust - DBT India Alliance - Other | Dr. Shital Sarah Ahaley                                   | IA/E/12/1/500758 dt. 09.04.13                         | 2013-14       |
| 105     | INSPIRE Faculty Award - Ronnie Mani Sabastian                                                                                                                                              | 31813105     | GAP/INSPIRE/PHY-13-105   | DST                                         | Dr. Ronnei Mani Sebastian                                 | DST/INSPIRE Faculty Award/2012 dt. 01.02.13           | 2013-14       |
| 106     | Ramalingaswamy Re-entry Fellowship<br>Understanding the neural mechanisms underlying initiation of learned motor behaviours- Raghav Rajan                                                  | 31313106     | GAP/DBT/BIO-13-0106      | DBT                                         | Dr. Raghav Rajan                                          | BT/RLF/Re-entry/37/2012 dtd. 12.08.2013               | 2013-14       |
| 107     | INSPIRE Faculty Award - Arjun Bagchi                                                                                                                                                       | 31813107     | GAP/INSPIRE/PHY-13-107   | DST                                         | Dr. Arjun Bagchi                                          | INSPIRE Faculty Award (IFA12-PH-30 dt. 27.08.12       | 2013-14       |
| 108     | Fabrication of optical gate based on Bacterio-Rhodopsin functionalized with single walled carbon nanotubes                                                                                 | 30113108     | GAP/DST/PHY-13-0108      | DST                                         | Dr. Harsh Chaturvedi                                      | DST/TSG/PT/2012/66-G dt. 28.05.13                     | 2013-14       |
| 109     | Ramanujan Fellowship - Mukul Kabir                                                                                                                                                         | 31113109     | GAP/DST/PHY-13-0109      | SERB                                        | Dr. Mukul Kabir                                           | SR/S2/RJN-131/2011 dt. 20.05.2013                     | 2013-14       |
| 110     | Dynamical effects in the mechanism of intercalation of anti-cancer drugs                                                                                                                   | 30113110     | GAP/DST/CHE-13-0110      | DST                                         | Dr. Arnab Mukherjee                                       | SB/S1/PC-39/2012 dt. 20.05.2013                       | 2013-14       |
| 111     | Peripherally functionalized siloxane scaffolds for the assembly of multi-metallic cages, clusters and supramolecules                                                                       | 30113111     | GAP/DST/CHE/13-0111      | SERB                                        | Dr. R Boomi Shankar                                       | SR/S1/IC-50/2012 dt. 25.04.2013                       | 2013-14       |
| 112     | Design, synthesis and characterisation of modified dipyrins and its complexes                                                                                                              | 30113112     | GAP/DST/CHE/13-0112      | SERB                                        | Dr. V.G. Anand                                            | SR/S1/IC-18/2012 dt. 25.04.13                         | 2013-14       |
| 113     | Documenting and disseminating the activities of DST-INSPIRE being implemented by Prof. L S Shashidhara                                                                                     | 30113113     |                          | DST                                         | Dr. L.S. Shashidhara                                      | DST/INSPIRE/Publicity/IISER Pune/2013 dt. 22.04.2013  | 2013-14       |
| 114     | Studies on non covalent modulation of gating and selectivity of synthetic ion channels                                                                                                     | 30113114     | GAP/DST/CHE-13-0114      | SERB                                        | Dr. Pinaki Talukdar                                       | SR/S1/OC-65/2012 dt.02.05.2013                        | 2013-14       |
| 115     | Indo-Argentina joint project - Deciphering the transcriptional and miRNA mediated control of calcium dependent protein kinases (StCDPKs) in potato (solanum tuberosum L) tuber development | 30113115     | GAP/DST/BIO-13-0115      | MST                                         | Dr. Anjan Banerjee                                        | INT/Argentina/P-5/2012 dt. 22.02.2013                 | 2013-14       |
| 116     | Crystal growth of the newly discovered high-temperature iron-arsenide superconductors AFe <sub>2</sub> As <sub>2</sub> (A= Ba, Ca, Sr and Eu                                               | 30113116     | GAP/DST/PHY-13-0116      | SERB                                        | Dr. Surjeet Singh                                         | SR/FTP/PS-037/2010 dt. 26.06.2013                     | 2013-14       |
| 117     | Dielectric response of a lasing medium in frequency domain                                                                                                                                 | 30113117     | GAP/DST/PHY-13-0117      | SERB                                        | Dr. Shouvik Datta                                         | No./SR/S2/CMP-72/2012 dt. 09.07.2013                  | 2013-14       |
| 118     | Optoelectronic and plasmonic properties of All Inorganic Sn Doped In <sub>2</sub> O <sub>3</sub> (ITO) Nanocrystals                                                                        | 30913118     | GAP/DAE/CHE-13-0118      | DAE - Other                                 | Dr. Angshuman Nag                                         | 2013/20/37C/1/BRNS/954 dt. 03.07.2013                 | 2013-14       |
| 119     | Origin of plasma membrane polarity during embryogenesis                                                                                                                                    | 30813119     | GAP/DBT/BIO-13-0119      | DBT                                         | Dr. Richa Rikhy                                           | BT/PR4148/BRB/10/1006/2011 dt 23.08.13                | 2013-14       |
| 120     | INSPIRE Faculty Award - Diganta Borah                                                                                                                                                      | 31813120     | GAP/INSPIRE/MAT-13-120   | DST                                         | Dr. Diganta Borah                                         | DST/INSPIRE Faculty Award/2013 dt. 01.08.13           | 2013-14       |
| 121     | Molecular Motor Driven Centrosomal Microtubule Mobility : Mechanics and spatio-temporal Organization (RGYI)                                                                                | 30813121     | GAP/DBT/BIO-13-0121      | DBT                                         | Dr. Chaitanya Athale / Co PI Dr. Sudipto Muhuri, IoP, BBH | BT/PR6715/GBD/27/463/2012 dt. 03.09.13                | 2013-14       |
| 122     | Systems Modeling and Experimental Testing of Cytoskeletal Polarization in cellular pattern formation                                                                                       | 30813122     | GAP/DBT/BIO-13-0122      | DBT                                         | Dr. Chaitanya Athale                                      | BT/PR1595/BRB/10/1043/2012 dt. 03.09.13               | 2013-14       |
| 123     | Developmental Control of Mitochondrial Morphology                                                                                                                                          | 30813123     | GAP/DBT/BIO-13-123       | DBT                                         | Dr. Richa Rikhy / Co-PI Dr. L S Shashidhara               | BT/PR4167/GBD/27/461/2012 dt. 04.09.13                | 2013-14       |
| 124     | Molecular modeling and simulation of nanostructure and dynamics of ionic liquid doped polymer electrolyte membrane fuel cells                                                              | 30113124     | GAP/SERB/CHE-13-124      | SERB                                        | Dr. Arun Venkatnathan                                     | SB/S1/PC-015/2013 dt. 22.08.13                        | 2013-14       |
| 125     | Receivable from UGC for Dr. Sulabha Kulkarni                                                                                                                                               | 30213125     | UGC                      | UGC - Other                                 | Dr. Sulabha Kulkarni                                      |                                                       |               |
| 126     | Engineering novel supramolecular nanoplatfrom for paclitaxel delivery in cancer                                                                                                            | 30113126     | GAP/DST/CHE-13-126       | SERB                                        | Dr. Sudipta Basu                                          | SB/FT/CS-044/2012 dt. 26.08.13                        | 2013-14       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                        | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY                              | PROJECT LEADER                                                        | SANCTION NO./DATE                                                                         | SANCTION YEAR |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|---------------------------------------------|-----------------------------------------------------------------------|-------------------------------------------------------------------------------------------|---------------|
| 127     | INSPIRE Faculty Award (IFA-13 LSBM-53) - Krishanpal Karmodiya                                                                                                          | 31813127     | GAP/INSPIRE/BIO-13-127 | DST                                         | Dr. Krishanpal Karmodiya                                              | INSPIRE Faculty Award (IFA-13 LSBM-53) dt. 01.08.2013                                     | 2013-14       |
| 128     | Learning and memory in aggression : identifying the neurogenetic substrates and memory traces of a complex social behaviour                                            | 30113128     | GAP/DST/BIO-13-128     | SERB                                        | Dr. Aurnab Ghose                                                      | SR/CSI/156/2012 (G) dt. 27.09.2013                                                        | 2013-14       |
| 129     | Women Scientist Scheme - Synthesis of BiFeO polyaniline core shell (c/s-BFO-PANI) nanoparticlaes and their magnetic dielectric characterization                        | 30113129     | GAP/DST/PHY-13-129     | DST                                         | Dr. Smita Chaturvedi                                                  | SR/WOS-A/PS-50/2012© dt. 07.10.13                                                         | 2013-14       |
| 130     | Understanding the functional relevance of twist paralogs and their interaction with developmental pathways during dermis formation using zebrafish as a model organism | 30813130     | GAP/DBT/BIO-13-130     | DBT                                         | Dr. Tressa Panikulangara Jacob                                        | BT/Bio-CARE/01/709/2011-12 dt. 17.10.13                                                   | 2013-14       |
| 131     | Stabilizing the Dynamics of Laboratory populations of Drosophila melanogaster USING LIMITER CONTROL                                                                    | 30513131     | GAP/CSIR/BIO-13-131    | CSIR                                        | Dr. Sutirth Dey                                                       | 37(1599)/13/EMR-II dt. 11.10.13                                                           | 2013-14       |
| 132     | Optical effects in functionalized single walled carbon nanotubs                                                                                                        | 30113132     | GAP/DST/PHY-13-132     | DST                                         | Dr. Harsh Chaturvedi                                                  | SR/NM/NS-15/2012 (G) dt. 16.09.2013                                                       | 2013-14       |
| 133     | National Network for Mathematical and computational Biology                                                                                                            | 30113133     | GAP/DST/BIO-13-133     | SERB (Mathematical Sciences)                | Dr. L.S. Shashidhara, IISER Pune / Prof. G Rangarajan, IISc Bangalore | SR/S4/MS791/12 dt. 30.10.13                                                               | 2013-14       |
| 134     | Role of neuropeptid Y in zebrafish olfaction                                                                                                                           | 30113134     | GAP/DST/BIO-13-134     | SERB                                        | Dr. Aurnab Ghose                                                      | SR/SO/AS-038/2013 dt. 03.12.13                                                            | 2013-14       |
| 135     | To set up Maharashtra Gene Bank in Maharashtra State                                                                                                                   | 32214135     | GAP/GOM/BIO-14-0135    | RGSTC, Maharashtra State                    | Dr. Milind Watve                                                      | RGSTC/File-2007/DPP-054/CR-28 dt. 02.01.2014                                              | 2013-14       |
| 136     | Capacity building among village youth for self study and self employment along western boundary of Tadoba, Andhari Tiger Reserve, Maharashtra                          | 30113136     | GAP/DST/BIO-13-0136    | DST-SEED Division                           | Dr. Milind Watve                                                      | SEED/SCSP/0001/2012                                                                       | 2013-14       |
| 137     | Ligand-free colloidal allinorganic semiconductor nanocrystals: synthesis, photophysics and optoelectronic application                                                  | 30113137     | GAP/DST/CHE-14-137     | SERB                                        | Dr. Angshuman Nag                                                     | SB/FT/CS-151/2012 dt. 30.12.13                                                            | 2013-14       |
| 138     | Understanding dioecy by exploring floral organ identify gencs (OIGs) in coccinia grandis-A New Model for study under DBT's Twinning Programme for NE                   | 30813138     | GAP/DBT/BIO-13/0138    | DBT - BCIL                                  | Dr. Anjan Banerjee / Dr. L S Shashidhara                              | BT/421/NE/TBP/2013 dt. 03.03.2014                                                         | 2013-14       |
| 139     | Disk-B Denmark-India in vivo screen for cancer biomarkers                                                                                                              | 30813139     | GAP/DBT/BIO-13-0139    | DBT                                         | Dr. L S Shashidhara                                                   | BT/IN/Denmark/01/LSS/2014 dt. 27.02.14                                                    | 2013-14       |
| 140     | Glycochemical studies of Mycobacterial arabinomycolate - 5105-1                                                                                                        | 31414140     | GAP/IFCPAR/CHE-14-0140 | IFCPAR-CEFIPRA                              | Dr. Srinivas Hotha                                                    | IFC/5105-1/2014/396 dt. 26.02.14                                                          | 2013-14       |
| 141     | Synthesis of new fluorinated tumor-associated glycopeptide antigens and menningitis vaccine A analogues                                                                | 30114141     | GAP/DST/BIO-14-0141    | SERB                                        | Dr. Madhuri Vangala                                                   | SB/FT/CS-159/2012                                                                         | 2014-15       |
| 142     | Development and functional studies of Metal-organic Polyhedras (MOPs) - INSA Young Scientist Project                                                                   | 32314142     | GAP/INSA/CHE/14-142    | INSA                                        | Dr. Sujit Kumar Ghosh                                                 | SP/YSP/92/2014 dt. 13.05.14                                                               | 2014-15       |
| 143     | Target gene identification, Regulation and Functional Characterization of the shoot meristemless (STM) ortholog in Potato (Solanum tuberosum L)                        | 30114143     | GAP/DST/BIO-14-0143    | SERB                                        | Dr. Anjan Banerjee                                                    | SERB/SB/SO/PS/2013 dt. 02.06.2014                                                         | 2014-15       |
| 144     | Structure and filament dynamics of the cytoskeletal protein fibril (Fib) involved in spiroplasma motility - IYBA-2013                                                  | 30814144     | GAP/DBT/BIO-14-0144    | DBT                                         | Dr. Gayathri Pananghat                                                | BT/07/IYBA/2013-6 dt. 30.06.14                                                            | 2014-15       |
| 145     | Erasmus Mundus Action 2 lot 13, NAMASTE - Networking and Mobility Actions for sustainable and Environment in India                                                     | 32414145     |                        | George August University Gottingen, Germany | Dr. Naresh Sharma                                                     | Agreement No. 2013-2542/001-001-EM Action 2 - Partnerships                                | 2014-15       |
| 146     | INSPIRE Faculty Award to Dr. Anup Biswas                                                                                                                               | 31814146     | GAP/DST/MTH-14-0146    | DST                                         | Dr. Anup Biswas                                                       | DST/INSPIRE Faculty Award /2013/DST/INSPIRE/04/2013/000184 dt. 25.08.2014 - (IFA13-MA-32) | 2014-15       |
| 147     | INSPIRE Faculty Award to Dr. Mousomi Bhakta                                                                                                                            | 31814147     | GAP/DST/MTH-14-0147    | DST                                         | Dr. Mousomi Bhakta                                                    | DST/INSPIRE Faculty Award/ 2013/DST/INSPIRE/04/2013/000152 dt. 25.08.2014 (IFA13-MA-33)   | 2014-15       |
| 148     | Design and development of amino acid based polymer scaffolds for drug delivery                                                                                         | 30114148     | GAP/DST/CHE-14-0148    | SERB                                        | Dr. M Jayakannan                                                      | SB/S1/OC-37/2013 dt. 04.08.14                                                             | 2014-15       |
| 149     | Identification and characterization of the card neuropeptide receptor                                                                                                  | 32414149     | GAP/LTMT/BIO-14-0149   | Lady Tata Memorial Trust                    | Dr. Aurnab Ghose                                                      | Letter dt. 10.09.2014                                                                     | 2014-15       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                         | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY                              | PROJECT LEADER                                   | SANCTION NO./DATE                                                                    | SANCTION YEAR |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|---------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------|---------------|
| 150     | MHRD-CoE-FAST Project - Establishment of Centre of Excellence for Training and Research in Frontier Areas of Science and Technology (FAST) - Research in Energy and sustainable materials               | 32514150     | GAP/MHRD/GEN-14-0150   | MHRD                                        | Prof. K N Ganesh                                 | F.No. 5-5/2014-TS.VII dt. 04.09.14 / 22-1/2016-TS-II(TC) / 22-2/2016-TS.II/TC        | 2014-15       |
| 151     | Swarnajayanti Fellowship - Dr. T S Mahesh - Quantum Memory based on nitrogen vacancy centers in diamond                                                                                                 | 31214151     | GAP/DST/PHY-14-151     | DST                                         | Dr. T S Mahesh                                   | DST/SJF/PSA-03/2012-13 dt. 23.09.2014                                                | 2014-15       |
| 152     | The MOR cryptosystem groups and galois action                                                                                                                                                           | 30114152     | GAP/DST/MHT-14-152     | SERB                                        | Dr. Ayan Mahalanobis                             | SR/S4/MS:831/13 dt. 04.09.2014                                                       | 2014-15       |
| 153     | Porphyrin, chlorin and isophlorin based near-infrared dyes for high-efficiency dye-sensitized solar cells: an inspiration from the nature - Indo-Singapore Project                                      | 30114153     | GAP/DST/CHE-14-153     | SERB                                        | Dr. V G Anand                                    | INT/SIN/P-04 dt. 30.08.14                                                            | 2014-15       |
| 154     | Introduction of silylene in frustrated lewis pair chemistry and their reactivity towards small molecules                                                                                                | 30114154     | GAP/DST/CHE-14-154     | SERB                                        | Dr. Shabana Khan                                 | SB/S1/IC-11/2014 dt. 18.09.2014                                                      | 2014-15       |
| 155     | Ruthenium Catalyzed meta selective C-H Bond Functionalization of Substituted aromatics                                                                                                                  | 30514155     | GAP/CSIR-CHE-14-155    | CSIR                                        | Dr. M Jeganmohan                                 | 02(0179)/14/EMR-II dt. 07.05.2014                                                    | 2014-15       |
| 156     | Novel electronic and magnetic states in 4d and 5d transition metal oxide                                                                                                                                | 30514156     | GAP/CSIR/PHY-14-156    | CSIR                                        | Dr. Sunil Nair                                   | 03(1307)/14/EMR-II dt. 16.04.14                                                      | 2014-15       |
| 157     | Evolution of evolvability in laboratory populations of E.coli                                                                                                                                           | 30814157     | GAP/DBT/BIO-14-157     | DBT                                         | Dr. Sutirth Dey                                  | BT/PR5655/BRB/10/1088/2012 dt. 17.10.14                                              | 2014-15       |
| 158     | DBT Programme support for Fetal Programming Research                                                                                                                                                    | 30814158     | GAP/DBT/BIO-14-158     | DBT                                         | Dr. Sanjeev Galande                              | New Order No. BT/PR12629/MED/97/364/2016 Old No. BT/01/CEIB/12/III/10 dt. 10.11.2014 | 2014-15       |
| 159     | Studying neoplastic transformation of mammosphere cultures in 3D using chemical carcinogens                                                                                                             | 30814159     | GAP/DBT/BIO-14-159     | DBT                                         | PI - Dr. Mayurika Lahiri - Co-PI Dr. Shashidhara | BT/PR8699/MED/30/1018/2013 dt. 12.11.2014                                            | 2014-15       |
| 160     | Ruthenium catalyzed highly regio and stereoselective oxidative coupling of n components: A Versatile route to substitute alkenes, design and heterocycles - INSA-Young Scientist Project - Jeganmohan M | 32314160     | GAP/INSA/CHE/14-160    | INSA                                        | Dr. M Jeganmohan                                 | SP/YSP/99/2014/106 dt. 17.10.14                                                      | 2014-15       |
| 161     | The quest for new multiferroics oxides                                                                                                                                                                  | 30114161     | GAP/DST/PHY-14-161     | SERB                                        | Dr. Sunil Nair                                   | SB/S2/CMP-048/2013 dt. 20.10.2014                                                    | 2014-15       |
| 162     | Design and synthesis of covalent and non covalent composites from aromatic and antiaromatic macrocycles for molecular diode - Swarnajayanti Fellowship - Dr. V G Anand                                  | 30114162     | GAP/DST/CHE-14-162     | DST                                         | Dr. V G Anand                                    | DST/SJF/CSA-01/2012-13 dt. 03.11.2014                                                | 2014-15       |
| 163     | J C Bose Fellowship for Prof K N Ganesh                                                                                                                                                                 | 31514163     | GAP/DST/JCB/CHE-14-163 | DST                                         | Prof. K N Ganesh                                 | SR/S2/JCB-03/2006 dt. 05.08.2014                                                     | 2014-15       |
| 164     | Ramanujan Fellowship - Dr. Nabamita Banerjee                                                                                                                                                            | 31114164     | GAP/DST/RJ/PHY-14-164  | SERB                                        | Dr. Nabamita Banerjee                            | SR/S2/RJN-167/2012 dt. 17.12.14                                                      | 2014-15       |
| 165     | Chemic nanoparticle for Targeting signalling network as Next Generation cancer Therapeutics                                                                                                             | 30814165     | GAP/DBT/CHE-14-165     | DBT                                         | PI - Dr. Sudipta Basu, Co-PI - Nirmalya Ballav   | BT/PR9918/NNT/28/692/2013 dt. 08.12.14                                               | 2014-15       |
| 166     | NBHM DAE - Non abelian bilinear cryptography                                                                                                                                                            | 30914166     | GAP/DAE/MTH-14-166     | DAE - Other                                 | Dr. Ayan Mahalanobis                             | 2/48(20)/2014/-R&D II/1048 dt. 27.01.2015                                            | 2014-15       |
| 167     | Quantitative characterization of threshold behavior of oxidative stress towards development of insulin resistance                                                                                       | 30815167     | GAP/DBT/BIO-15-167     | DBT                                         | Dr. Pranay Goel / Dr. Saroj Ghaskadbi, SPU       | BT/PR7625/BRB/10/1176/2013 dt. 11.12.2014                                            | 2014-15       |
| 168     | Elucidating the role of lipids in ion channel function under your sponsorship / Wellcome Trust/DBT India Alliance - Dr. Jeet Kalia                                                                      | 30715168     |                        | Wellcome Trust - DBT India Alliance - Other | Dr. Jeet Kalia                                   | IA/I/14/2/501551 dt. 19.02.15                                                        | 2014-15       |
| 169     | JC Bose Fellowship Shyam Sundar Rai - (S S Rai)                                                                                                                                                         | 31515169     |                        | SERB                                        | Dr. Shyam Sundar Rai                             | SR/S2/JCB-36/2009 dt. 05.03.2015                                                     | 2014-15       |
| 170     | INSPIRE Faculty Award- Gyana Ranjan Tripathy - (EAS-11)                                                                                                                                                 | 31815170     |                        | DST - Transfer from NIT Rourkela            | Dr. Gyana Ranjan Tripathy                        | DST/INSPIRE Faculty Award/2015 dt. 16.02.15                                          | 2015-16       |
| 171     | Development of functional h conjugated polymers for photonic applications                                                                                                                               | 30115171     | GAP/DST/CHE-15-171     | SERB                                        | Dr. Jayakannan M / Co-PI- Pavan Kumar            | SB/OC/OM-10/2014 dt. 18.03.15                                                        | 2014-15       |
| 172     | Tailoring glycosylphosphatidylinositol substrates and substrate mimetics to study the GPI biosynthetic pathway and modulate host-pathogen interactions                                                  | 30115172     |                        | SERB                                        | Dr. Srinivas Hotha & Sneha Komath, JNU           | SB/OC/CB-03B/2014 dt. 19.03.15                                                       | 2014-15       |
| 173     | Direct assembly of sialic acid specific peptidomimics on cantilever array sensors for detecting cancer biomarkers                                                                                       | 30115173     | GAP/DST/CHE-15-173     | SERB                                        | Dr. Raghavendra Kikkeri                          | SB/S1/OC-46/2014 dt. 12.03.2015                                                      | 2014-15       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                   | DIGITAL CODE | PROJECT CODE                  | FUNDING AGENCY                              | PROJECT LEADER                                                                                                                 | SANCTION NO./DATE                              | SANCTION YEAR |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|---------------|
| 174     | Theoretical Studies on ultra cold Dipolar Gases - No. 5304-I                                                                                                                      | 31415174     |                               | IFCPAR-CEFIPRA                              | Dr. Rejish Nath                                                                                                                | IFC/5304/2015/369 dt. 11.03.2015               | 2015-16       |
| 175     | Indo German (DST-DAAD) - Exploring the complex energy landscapes in multiglasses                                                                                                  | 30115175     | GAP/DST/PHY-15-175            | DST                                         | Dr.Sunil Nair, Soumendranath Panja, Charu Garg, IISER Pune / Jens Mueller, Martin Lonsky, Goethe University, Frankfurt Germany | INT/FRG/DAAD/P-249/2015 dt. 10.04.2015         | 2015-16       |
| 176     | British Council Division - Knowledge Economy Partnership 2015 - Public Lecture series on Science and Pedagogy workshops on Science Education                                      | 31715176     | GAP/BC/BIO-15-176             | British Council                             | Prof. L S Shashidhara                                                                                                          | Agreement dtd.                                 | 2015-16       |
| 177     | A Drosophila model to study adult epithelial stem cells and their role in cancer initiation                                                                                       | 30815177     | GAP/DBT/BIO-15-177            | DBT                                         | Dr. Sonam Mehrotra                                                                                                             | BT/Bio-CARE/01/10092/2013-14 dt. 18.04.2015    | 2015-16       |
| 178     | Development of multi-modal nonlinear plasma optical microscopy workstation to probe nanoarchitectures                                                                             | 30115178     | GAP/DBT/BIO-15-177            | DST                                         | Dr. G V Pavan Kumar                                                                                                            | SR/NM/NS-1141/2012(G) dt. 12.05.2015           | 2015-16       |
| 179     | Synaptic and molecular determinants controlling speed of olfactory information processing and decision making - Wellcome Trust/DBT India Alliance - Dr. Nixon Abraham             | 30715179     | GAP/WT-DBT/BIO-15-0179        | Wellcome Trust - DBT India Alliance - Other | Dr. Nixon Abraham                                                                                                              | IA//I/14/1/501306 / 13.04.2015                 | 2015-16       |
| 180     | A (WOS-A) - A Proteomic investigation to understand sex expression and modification in dioecious C Grandis                                                                        | 30115180     | GAP/DST/BIO-15-0180           | DST (WOS-A)                                 | Dr. Jayeeta Banerjee                                                                                                           | SR/WOS-A/LS-1233/2014(G) dt. 13.05.2015        | 2015-16       |
| 181     | Programme support on Biotechnology Approaches for conservation and sustainable utilization of plant wealth of western ghats                                                       | 30815181     | GAP/DBT/BIO-15-0181           | DBT                                         | Dr. Deepak Barua                                                                                                               | BT/PR12720/COE/34/21/2015 dt. 14.05.15         | 2015-16       |
| 182     | INSPIRE Faculty Award- Nishad Matange                                                                                                                                             | 31815182     | GAP/DST/BIO-15-182            | DST                                         | Dr. Nishad Matange                                                                                                             | DST/INSPIRE/04/2014/001887 dt. 30.01.2015      | 2015-16       |
| 183     | Indo Austrian (DST-BMWF) Joint Project "Role of Chromatin organizer (SATB2 in gastrulation in Danio rerio"                                                                        | 30115183     | GAP/DST/BIO-15-0183           | DST                                         | Dr. Sanjeev Galande + Saurabh Pradhan-JRF / Dr. Carl Philipp Heisenberg, Mateusz Sikora, Jana Slovakova (PDRF)                 | INT/AUA/BMWF/P-29/2015 dt. 21.05.2015          | 2015-16       |
| 184     | Modeling heterogeneity in nanoparticle catalysis at the single molecule level                                                                                                     | 30115184     | GAP/DST/CHE-15-184            | SERB                                        | Dr. Srabanti Chaudhury                                                                                                         | SB/FT/CS-059/2014 dt. 13.07.2015               | 2015-16       |
| 185     | Magneto optic Trapping of Strontium atoms for experiments towards distributed quantum information processing                                                                      | 30115185     | GAP/DST/PHY-15-185            | SERB                                        | Dr. Umakant Rapol                                                                                                              | EMR/2014/000365 dt. 06.07.15                   | 2015-16       |
| 186     | Finding alternative crop strategies for farmers affected due to crop raiding by wild herbivores along western boundary of Tadoba-Andhari Tiger Reserve                            | 30115186     | GAP/DEFRIES-BAJPAI/BIO-15-186 | DeFries Bajpai Foundation                   | Dr. Milind Watve                                                                                                               |                                                | 2015-16       |
| 187     | Quantum Field Theory and Higher Spin fields                                                                                                                                       | 30115187     | GAP/DST/PHY-15-187            | SERB                                        | Dr. Sudarshan Ananth                                                                                                           | EMR/2014/000687 dt. 06.07.15                   | 2015-16       |
| 188     | Travel funds for Participation in International Genetically Engineered Machines Contest (iGEM) at Massachusetts Institute of Technology (MIT), Boston, USA during 24-28 Sept 2015 | 30115188     | GAP/DBT/BIO-15-188            | DBT                                         | Dr.Chaitanya Athale                                                                                                            | BT/EB/iGEM/2015 dt. 10.08.2015                 | 2015-16       |
| 189     | Start up grant for Young Scientists "Multiproxy, high resolution paleoclimate reconstructions to separate anthropogenic signature from natural climate variability"               | 30115189     | GAP/DST/ECS-15-189            | SERB                                        | Dr. Rajani Panchang                                                                                                            | SR/FTP/ES-144/2014 dt. 30.07.2015              | 2015-16       |
| 190     | Functional studies of porous coordination polymers derived from amide based nitrogen donor ligands                                                                                | 30115190     | GAP/DST/CHE-15-190            | SERB                                        | Dr. Tarak Nath Mandal                                                                                                          | SB/FT/CS-116/2014 dt. 18.07.2015               | 2015-16       |
| 191     | Compleity measures from multifractal analysis to characterize ECG data for diagnosis and therapy                                                                                  | 30115191     | GAP/DST/PHY-15-191            | SERB                                        | Dr. G Ambika                                                                                                                   | EMR/2014/000876 dt. 17.08.2015                 | 2015-16       |
| 192     | Exploring the potential of Gamma-delta T Lymphocytes for Immunotherapy of cancer                                                                                                  | 30815192     | GAP/DBT/BIO-15-192            | DBT                                         | Dr. Sanjeev Galande                                                                                                            | BT/MED/30/SP11288/2015 / 31.07.2015            | 2015-16       |
| 193     | Advancing the efficiency and Production potential of Excitonic solar cells (APEX Phase II)                                                                                        | 30115193     | GAP/DST/CHE-15-193            | DST - Transfer from CSIR-NCL Pune           | Dr. Satishchandra Ogale                                                                                                        | SR/RC-UK/APEX Phase II/2015 (G) dt. 19.08.2015 | 2015-16       |
| 194     | Measurements and modeling of supraglacial debris layer properties in Hamath Glacier                                                                                               | 30115194     | GAP/DST/ETC-15-194            | SERB - Transfer from IISER Kolkata          | Dr. Argha Banerjee                                                                                                             | SB/DGH-71/2013 dt. 26.05.2015                  | 2015-16       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                  | DIGITAL CODE | PROJECT CODE         | FUNDING AGENCY                   | PROJECT LEADER                                                                | SANCTION NO./DATE                                            | SANCTION YEAR |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|----------------------------------|-------------------------------------------------------------------------------|--------------------------------------------------------------|---------------|
| 195     | Environment-Responsive Fluorescent peptide Nucleic acid conjugates : Design, synthesis and applications in Nucleic acid Diagnosis                | 30115195     | GAP/DST/CHE-15-195   | SERB                             | Dr. S G Srivatsan                                                             | EMR/2014/000419 dt. 08.09.2015                               | 2015-16       |
| 196     | Conformation specific electronic circular dichroism spectroscopy in isolated gas phase                                                           | 30115196     | GAP/DST/CHE-15-196   | SERB                             | Dr. Aloke Das                                                                 | EMR/2014/000486 dt. 09.09.2015                               | 2015-16       |
| 197     | Studies on Metal catalyzed stereoselective C-C, C-N and C-O Bond formation via Borrowing Hydrogen methods using continuous flow techniques       | 30115197     | GAP/DST/CHE-15-197   | SERB                             | Dr. B Gnanaprakasam Boopathy                                                  | EMR/2014/000700 dt. 08.09.2015                               | 2015-16       |
| 198     | Ruthenium catalyzed C-H Bond Functionalization of Aromatics, Heteroaromatics and alkenes via chelation-assisted deprotonation metalation pathway | 30115198     | GAP/DST/CHE-15-198   | SERB                             | Dr. Jeganmohan M                                                              | EMR/2014/000978 dt. 14.07.2015                               | 2015-16       |
| 199     | Site Selective direct C-H Bond functionalisation by early transition metal carbenoid insertion and its applications                              | 30115199     | GAP/DST/CHE-15-199   | SERB                             | Dr. R G Bhat                                                                  | EMR/2015/000909 dt. 10.09.2015                               | 2015-16       |
| 200     | Solar wind turbulence, viscosity and implications for the propagation of solar coronal mass ejections                                            | 30615200     | GAP/ISRO/PHY-15-200  | ISRO-DoS                         | Dr. Prasad Subramanian                                                        | No.B.19012/97/2015-11 dt. 14.09.15                           | 2015-16       |
| 201     | Exploring the antimicrobial activities of short ar Hybrid lipopeptides                                                                           | 30515201     | GAP/CSIR/CHE-15-201  | CSIR                             | Dr. H N Gopi                                                                  | 02(0225)/15/EMRII dt. 05.06.2015                             | 2015-16       |
| 202     | Small Molecule Donors of Reactive sulfur species                                                                                                 | 30115202     | GAP/DST/CHE-15-202   | SERB                             | Dr. Harinath Chakrapani                                                       | EMR/2015/000668 dt. 10.08.15                                 | 2015-16       |
| 203     | Exploration of naturally occurring beta hydroxy gamma amino acids (statines) in the design of foldamers and biological active peptidomimetics    | 30115203     | GAP/DST/CHE-15-203   | SERB                             | Dr. H N Gopi                                                                  | EMR/2014/000606 dt. 11.09.2015                               | 2015-16       |
| 204     | Jamming Transitions and structure formation of model colloidal systems in Extensional and shear flow                                             | 30115204     | GAP/DST/PHY-15-204   | SERB                             | Dr. Apratim Chatterji                                                         | EMR/2015/000018 dt. 18.09.2015                               | 2015-16       |
| 205     | Setting up of a Centre of Excellence in Science and Mathematics Education set up under the Scheme PMMMNMTT                                       | 32515205     | GAP/MHRD/GEN-15-0205 | MHRD                             | Prof. Shashidhara / K N Ganesh / Bhas Bapat / A Raghuram                      | F.No. 3-13/2015-PN.II dt. 30.09.2015 + F.No. 1-24/2016 PN.II | 2015-16       |
| 206     | Indo Austrian (DST-BMWF) Joint Project "Entropy, Entanglement and flat space                                                                     | 30115206     | GAP/DST/PHY-15-206   | DST                              | Dr. Arjun Bagchi / Rudranil Basu,Shankhadeep C, Aditya Mehra, Pulastya Parekh | INT/AUA/BMWF/P-32/2015 dt. 21.05.2015                        | 2015-16       |
| 207     | Flexible gas sensors using surface area nanomaterials and composites                                                                             | 30915207     | GAP/DAE/PHY-15-207   | DAE-BRNS - shifted from NCL Pune | Dr. Satishchandra Ogale                                                       | 34/14/44/2014-BRNS/2090 dt. 15.12.2014                       | 2015-16       |
| 208     | Development of advanced materials and device systems for green transportation involving energy storage and energy generation                     | 32615208     | GAP/KPIT/PHY-15-208  | KPIT                             | Dr. Satishchandra Ogale                                                       | Agreement dt. 01.12.2015                                     | 2015-16       |
| 209     | Structural studies on spatial positioning of Myxococcus xanthus motility complexes                                                               | 30115209     | GAP/DST/BIO-15-209   | SERB                             | Dr. Gayathri Pananghat                                                        | EMR/2014/000563 dt. 27.11.15                                 | 2015-16       |
| 210     | Evolution of dispersal in laboratory population of drosophila melanogaster                                                                       | 30115210     | GAP/DST/BIO-15-210   | SERB                             | Dr. Sutirth Dey                                                               | EMR/2014/000476 / 27.11.2015                                 | 2015-16       |
| 211     | Mitochondrial morphoogy regulation of epidermal growth factor signaling                                                                          | 30115211     | GAP/DST/BIO-15-211   | SERB                             | Dr. Richa Rikhy                                                               | EMR/2014/000369 dt. 27.11.2015                               | 2015-16       |
| 212     | Prolyl Isomerases as modifiers of protein aggregation and disease progression in a drosophila model of amyotrophic lateral of protein            | 30115212     | GAP/DST/BIO-15-212   | SERB                             | Dr. Girish Ratnaparkhi                                                        | EMR/2014/000367 dt. 04.12.2015                               | 2015-16       |
| 213     | Sugar derived cyclic a peptides as artifical ion channels and transporters                                                                       | 30115213     | GAP/DST/CHE-15-213   | SERB                             | Dr. Pinaki Talukdar                                                           | EMR/2014/000873 dt. 05.10.15                                 | 2015-16       |
| 214     | Nanoholes in Grapheme and hexagonal boron nitride as templates for two dimensional high spin magnetic arrays at a metal interface                | 30115214     | GAP/DST/PHY-15-214   | DST                              | Dr. Prasenjit Ghosh                                                           | SR/NM/NS-1285/2014(G) dt. 30.12.15                           | 2015-16       |
| 215     | Rechargeable Co2/O2 electrode for air breathing energy storage devices                                                                           | 30115215     | GAP/DST/CHE-15-215   | SERB                             | Dr. Muhammed Mustafa O T                                                      | EMR/2014/000758 dt. 17.12.2015                               | 2015-16       |
| 216     | Interdigitated Metal Semiconductor Nanowires as a platform for Plasmon sensitized light harvesting devices                                       | 30115216     | GAP/DST/CHE-16-216   | SERB                             | Dr. Pramod Pillai                                                             | EMR/2015/001561 dt. 21.12.15                                 | 2015-16       |
| 217     | From a tiny stolon tip to a large potato Understanding the dynamics of miRNAs and their target genes in controlling tuber transitions            | 30815217     | GAP/DBT/BIO-16-217   | DBT                              | Dr. Anjan Banerjee                                                            | BT/PR8709/GET/119/5/2015 dt. 30.12.15                        | 2015-16       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                                    | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY | PROJECT LEADER                                                                                            | SANCTION NO./DATE                                                      | SANCTION YEAR |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|----------------|-----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|---------------|
| 218     | Characterization and comprehensive genome wide analysis of histone deacetylase, pfhd1 that may regulate expression of var genes involved in virulence and pathogenicity of plasmodium falciparum - IYBA-2014 Award | 30815218     | GAP/DBT/BIO-16-218     | DBT            | Dr. Krishanpal Karmodiya                                                                                  | BT/08/IYBA/2014-7 dt. 30.11.2015                                       | 2015-16       |
| 219     | A whole genome RNAi screen to identify modifiers of neuroaggregation using automated computational image analysis                                                                                                  | 30815219     | GAP/DBT/BIO-15-219     | DBT            | Dr. Girish Ratnaparkhi                                                                                    | BT/PR8636/AGR/36/786/2013 dt. 22.12.15                                 | 2015-16       |
| 220     | Transcriptional regulation post gene duplication and evolution : role of drosophila MADF-BESS domain proteins                                                                                                      | 30815220     | GAP/DBT/BIO-15-220     | DBT            | Dr. Girish Ratnaparkhi                                                                                    | BT/PR/11935/BRB/10/1316/2014 dt. 08.01.16                              | 2015-16       |
| 221     | Biochemical characterization of RNA-like oligomers from lipid assisted nonenzymatic synthesis                                                                                                                      | 30115221     | GAP/DST/BIO-15-221     | SERB           | Dr. Sudha Rajamani                                                                                        | EMR/2015/000434 dt. 08.02.16                                           | 2015-16       |
| 222     | INSPIRE Faculty Award - Dr. Argha Banerjee-IFA-12-EAS-04                                                                                                                                                           | 31815222     | GAP/DST/ECS-15-222     | DST            | Dr. Argha Banerjee                                                                                        | DST/INSPIRE Faculty Award/2012 dt. 27.08.12                            | 2015-16       |
| 223     | Metallosilicon Hybrid systems for Electronic Applications                                                                                                                                                          | 30115223     | GAP/DST/CHE-15-223     | SERB           | Dr. Moumita Majumdar                                                                                      | EMR/2015/001136 dt. 11.03.16                                           | 2015-16       |
| 224     | Development of Advanced optical microscopy system for surface enhanced raman Scattering                                                                                                                            | 32315224     | GAP/INSA/PHY-15-224    | INSA           | Dr. G V Pavan Kumar                                                                                       | SP/YSF/107/2015/1344 dt. 01.01.2016                                    | 2015-16       |
| 225     | The Quest for New and improved oxide thermoelectrics                                                                                                                                                               | 32715225     | GAP/DRDO/PHY-15-225    | DRDO           | Dr. Sunil Nair                                                                                            | ERIP/EF/1501137/M/01/1605 dt. 25.02.2016                               | 2015-16       |
| 226     | National Facility for Laboratory Model Organisms (a collaborative initiative between DBT-IISER Pune-NCCS-UAB) - Name Changed to National Facility for Gene Function in Health and Disease                          | 30815226     | GAP/DBT/BIO-15-226     | DBT            | ( New PI : Dr. Aurnab Ghose) Dr. Shashidhara, Nixon Abraham, Sanjeev G, Aurnab G, Mohan R Wani, NCCS Pune | BT/INF/22/SP17358/2016 dt. 18.03.16                                    | 2015-16       |
| 227     | Structural delineation of smad mediated regulation of miRNA biogenesis pathway using smad3 and miRNA-21 as model system(s)                                                                                         | 30115227     | GAP/SERB/CHE-15-227    | SERB           | Dr. Jeetender Chugh                                                                                       | EMR/2015/001966 dt. 18.03.16                                           | 2015-16       |
| 228     | Design synthesis and self assembling studies of protein dendron amphiphilic macromolecules                                                                                                                         | 32815228     | GAP/SERB/CHE-15-228    | SERB           | Dr. Britto Sandanraj                                                                                      | ECR/2015/000253 dt. 11.03.2016                                         | 2015-16       |
| 229     | Molecular analysis of a capacitor Hox protein motif - Proj-5503-2                                                                                                                                                  | 31415229     | GAP/CEFIPRA/BIO-15-229 | IFCPAR-CEFIPRA | Dr. L S Shashidhara                                                                                       | IFC/5503-2/2016/2637 dt. 23.03.2016                                    | 2015-16       |
| 230     | Electrical addressing and control of the plasmonic properties of coupled metal nanowire-Proj-5504-3                                                                                                                | 31415230     | GAP/CEFIPRA/PHY-15-230 | IFCPAR-CEFIPRA | Dr. G V Pavan Kumar                                                                                       | IFC/5504-2/2016/2644 dt. 23.03.2016                                    | 2015-16       |
| 231     | DST INSPIRE Faculty Award-Dr.Soumi Chakravorty                                                                                                                                                                     | 31816231     | GAP/DST/ECS-16-231     | DST            | Dr. Soumi Chakravorty                                                                                     | DST/INSPIRE Faculty Award/2016/DST/INSPIRE/04/2015/000769 dt. 04.04.16 | 2015-16       |
| 232     | Doped Semiconductor Nanocrystals for Plasmonic and electron spin based applications synthesis thin film and spectroscopy                                                                                           | 30116232     | GAP/DST/CHE-16-232     | DST            | Dr. Angshuman Nag                                                                                         | SR/NM/NS-1474/2014 dt. 23.03.16                                        | 2015-16       |
| 233     | Metal oxide and sulfide based nanostructures for charge storage applications                                                                                                                                       | 30116233     | GAP/DST/PHY-16-233     | DST            | Dr. Satishchandra Ogale                                                                                   | SR/NM/NS-1339/2014 (C) dt. 22.03.2016                                  | 2015-16       |
| 234     | Engineering self Assembled graphene oxide nanoparticle for Targeting mitochondria for next generation cancer therapy                                                                                               | 30816234     | GAP/DBT/CHE-16-234     | DBT            | Dr. Sudipta Basu / Co-PO- Dr. Nirmalya Ballav                                                             | BT/PR14724/NNT/28/831/2015 dt. 21.04.16                                | 2016-17       |
| 235     | IUSSTF/JC-Quantum Plasmonics of Hybrid Nano Assemblies/3-2014/2015-16 / Support for Travel                                                                                                                         | 31016235     | GAP/IUSSTF/PHY-16-0235 | IUSSTF - Other | Dr. G V Pavan Kumar                                                                                       | 3-2014/2015-16 dt. 24.12-15                                            | 2016-17       |
| 236     | Exploring vitamins through chemical biology and enzymology: Discovery of new biosynthetic pathways and enzyme mechanisms - Ramalingaswami Fellowship                                                               | 31316236     | GAP/DBT/CHE-16-236     | DBT            | Dr. Amrita Hazra                                                                                          | BT/RLF/Re-entry/13/2014 dt. 20.05.2016                                 | 2016-17       |
| 237     | FIST Program - 2015 - To strengthen the post graduate teaching and research facilities in the Dept - Maths                                                                                                         | 30116237     | GAP/DST/MTH-16-237     | DST            | Dr. Mainak Poddar (Dr. Amit Hogadi)                                                                       | SR/FST/MSI-105 dt. 18.11.2015                                          | 2016-17       |
| 238     | FIST Program-2015 - Physics                                                                                                                                                                                        | 30116238     | GAP/DST/PHY-16-238     | DST            | Dr. M.S Santhanam                                                                                         | SR/FST/PSI-205 dt. 18.11.15                                            | 2016-17       |
| 239     | Structural Biology of bacterial cytoskeleton based motility - INSA Young Scientist Project - Dr. Gayathri Pananghat                                                                                                | 32316239     | GAP/INSA/BIO-16-239    | INSA           | Dr. Gayathri Pananghat                                                                                    | SP/YSF/111/2015/1044 dt. 26.11.2015                                    | 2016-17       |
| 240     | Advanced Energy storage system for hybrid and electric vehicles                                                                                                                                                    | 30116240     | GAP/DST/PHY-16-240     | DST            | Dr. Satishchandra Ogale                                                                                   | DST/TM/CERI/D16(G) dt. 10.06.2016                                      | 2016-17       |
| 241     | Hybrid perovskite films and nanoparticles for solar cell and optoelectronics applications                                                                                                                          | 30116241     | GAP/DST/PHY-16-241     | DST            | Dr. Satishchandra Ogale                                                                                   | DST/TM/CERI/C99 (G) dt. 24.06.2016                                     | 2016-17       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                            | DIGITAL CODE | PROJECT CODE                  | FUNDING AGENCY                              | PROJECT LEADER                                       | SANCTION NO./DATE                             | SANCTION YEAR |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|---------------------------------------------|------------------------------------------------------|-----------------------------------------------|---------------|
| 242     | In Vivo imaging of Enzyme Activity with Exquisite specificity using activity based reporter gene technology                                                                                                | 30816242     | GAP/DBT/CHE-16-242            | DBT                                         | Dr. Britto Sandanraj                                 | BT/PR11450/BRB/10/1370/2015 dt. 06.07.2016    | 2016-17       |
| 243     | Hybrid algorithm for Quantum control- Applications in NMR spectroscopy, MRI and quantum computing                                                                                                          | 30516243     | GAP/CSIR/PHY-16-243           | CSIR                                        | Dr. T S Mahesh                                       | 03(1345)16/EMR-II dt.                         | 2016-17       |
| 244     | Spatiotemporal organisation of oncogenes and cancer associated genes in models of cancer initiation and progression                                                                                        | 30816244     | GAP/DBT/BIO-16-244            | DBT                                         | Dr. Kundan Sengupta                                  | BT/PR13956/GET/119/22/2015 dt. 25.07.2016     | 2016-17       |
| 245     | Modeling transit times for translocation of polypeptides through a nanopore with attractive traps                                                                                                          | 30916245     | GAP/DAE/CHE-16-245            | DAE                                         | Dr. Srabanti Chaudhury                               | 37(2)/14/08/2016-BRNS/37022 dt. 21.07.16      | 2016-17       |
| 246     | Exploring the mechanistic enzymology of the anaerobic biosynthesis of 5,6-dimethylbenzimidazole, the lower ligand of vitamin B12                                                                           | 30116246     | GAP/SERB/CHE-16-246           | SERB                                        | Dr. Amrita Hazra                                     | ECR/2016/000466 dt. 22.07.2016                | 2016-17       |
| 247     | NMDA-R Signalling in cart mediated modulation of fear responses                                                                                                                                            | 30116247     | GAP/SERB/BIO-16-247           | SERB                                        | Dr. Nishikant Subhedar & Dr. Aurnab Ghose            | EMR/2015/000565 dt. 18.08.2016                | 2016-17       |
| 248     | Development and functional studies of Neutral N donor ligand based water stable metal organic frameworks (MOFs)                                                                                            | 30116248     | GAP/SERB/CHE-16-248           | SERB                                        | Dr. Sujit Kumar Ghosh                                | EMR/2016/000410 / 24.08.16                    | 2016-17       |
| 249     | Defining the inputs and outputs of HVC and their role in song motif initiation in the adult male zebra finch                                                                                               | 30116249     | GAP/SERB/BIO-16-249           | SERB                                        | Dr. Raghav Rajan                                     | EMR/2015/000829 dt. 03.09.2016                | 2016-17       |
| 250     | Compact muon solenoid (CMS) upgrade, operation and utilisation                                                                                                                                             | 30116250     | GAP/DST/CHE-16-250            | DST                                         | Dr. Seema Sharma-PI / Dr. Sourabh Dube-Co-PI         | SR/MF/PS-02/2014-IISERP ( C ) dt. 12.09.2016  | 2016-17       |
| 251     | DBT's Twinning programme for the NE' - De novo transcriptome assembly and standardization of VIGS system for functional analysis of key differentially expressed genes in sexual forms of coccinia grandis | 30816251     | GAP/DBT/BIO-16-251            | DBT                                         | Dr. Anjan Banerjee-PI / Dr. Shashidhara-Co-PI        | BT/PR16399/NER/95/125/2015 dt. 07.09.2016     | 2016-17       |
| 252     | Organo and amino phosphorus (V) derived polar ordered metal organic structures as ferroelectric materials                                                                                                  | 30116252     | GAP/SERB/CHE-16-252           | SERB                                        | Dr. R Boomi Shankar                                  | EMR/2016/000614 / 19.09.16                    | 2016-17       |
| 253     | INSPIRE Faculty Award - Janhavi Punekar                                                                                                                                                                    | 31816253     | GAP/DST/ECS-16-253            | DST                                         | Dr. Janhavi Punekar                                  | DST/INSPIRE/04/2015/0003110 dt. 01.03.16      | 2016-17       |
| 254     | Connecting the kinetics and Thermodynamics of solvation shell water at the local level: Effect of chemical and topographical heterogeneity                                                                 | 30116254     | GAP/SERB/CHE-16-254           | SERB                                        | Dr. Arnab Mukherjee                                  | EMR/2016/001069 dt. 19.09.2016                | 2016-17       |
| 255     | Innovative Nucleoside Probes as Multifunctional toolbox to study RNA structure, Dynamics and Fuction - Wellcome Trust/DBT India Alliance - Dr. S G Srivatsan                                               | 30716255     | GAP/Wellcome Trust/CHE-16-255 | Wellcome Trust - DBT India Alliance - Other | Dr. S G Srivatsan                                    | IA/S/16/1/502360 dt. 12.08.2016               | 2016-17       |
| 256     | Thematic Project in Frontiers of Nano S&T on Nanoscience for clean energy                                                                                                                                  | 30116256     | GAP/DST/PHY-16-256            | DST                                         | Dr. Satishchandra Ogale                              | SR/NM/TP-13/2016 dt. 22.09.2016               | 2016-17       |
| 257     | Raja Ramanna Fellowship to Prof. Rajeev Bhalerao                                                                                                                                                           | 30916257     | GAP/DAE/PHY-16-257            | DAE                                         | Dr. Rajeev Bhalerao                                  | 10/3(15)/2016/RRF/R&D-II/13306 dt. 06.10.2016 | 2016-17       |
| 258     | AOARD 134057 Japan - Angle Dependent Optics of Plasmonic core shell nanoparticles                                                                                                                          | 32116258     | GAP/AOARD/PHY-16-0258         | Asian Office of Aerospace R & D             | Dr. G V Pavan Kumar                                  | FA2386-16-1-4075 dt. 19.09.2016               | 2016-17       |
| 259     | A Scoping proposal to build a two dimensional ice flow for basin scale glacier simulation in the Himalaya                                                                                                  | 33016259     | GAP/MoES/ECS-16-0259          | MoES                                        | Dr. Argha Banerjee                                   | MoES/PAMC/H&C/80/2016-PC-II dt. 25.10.2016    | 2016-17       |
| 260     | DBT's Twinning Programme for NE Genome Wide Functional Screen to identify susceptibility genes for idiopathic parkinson's disease in drosophila model                                                      | 30816260     | GAP/DBT/BIO-16-260            | DBT                                         | Dr. Girish Ratnaparkhi / Co-PI-Prof. L S Shashidhara | BT/PR16868/NER/95/328/2015 dt. 18.10.2016     | 2016-17       |
| 261     | Functional Characterization of a deregulated lysophospholipid pathway in a human neurological disease / Wellcome Trust/DBT India Alliance - Dr. Siddhesh Kamat                                             | 30716261     | GAP/Wellcome Trust/BIO-16-261 | Wellcome Trust - DBT India Alliance - Other | Dr. Siddhesh Kamat                                   | IA/I/15/2/502058 dt. 17.10.2016               | 2016-17       |
| 262     | Star Branched Polymers and copolymers of Poly (L-Lactic acid)s: synthesis, characterization and Applications                                                                                               | 32316262     | GAP/INSA/CHE-16-262           | INSA                                        | Dr. S Sivaram                                        | SP/SS/2015/1150 dt. 04.01.2016                | 2016-17       |
| 263     | WOS-A Nanocomposites of rare earth orthoferrites RFeO3: An approach towards multiferroicity                                                                                                                | 30116263     | GAP/DST/PHY-16-263            | DST (WOS-A)                                 | Dr. Smita Chaturvedi                                 | SR/WOS-A/PM-16/2016 dt. 03.11.2016            | 2016-17       |
| 264     | Eisenstein homology class inside the modular symbols and its analogue Beilinson Kato elements in the SKS-group                                                                                             | 30116264     | GAP/SERB/MTH-16-264           | SERB                                        | Dr. Debargha Banerjee                                | YSS/2015/001491 dt. 04.11.16                  | 2016-17       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                       | DIGITAL CODE | PROJECT CODE                  | FUNDING AGENCY                              | PROJECT LEADER             | SANCTION NO./DATE                           | SANCTION YEAR |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|---------------------------------------------|----------------------------|---------------------------------------------|---------------|
| 265     | Centre of Excellence in Epigenetics (Phase-II)-Role of SATB Family chromatin organizer proteins in stem cell differentiation and wnt signaling                                        | 30816265     | GAP/DBT/BIO-16-265            | DBT                                         | Dr. Sanjeev Galande        | BT/COE/34/SP17426/2016 dt. 29.11.2016       | 2016-17       |
| 266     | Centre of Excellence in Epigenetics (Phase-II)-Role of SATB Family Proteins in adult neurogenesis-Regulation of wnt and SHH developmental signaling pathways                          | 30816266     | GAP/DBT/BIO-16-266            | DBT                                         | Dr. Sanjeev Galande        | BT/COE/34/SP17426/2016 dt. 29.11.2016       | 2016-17       |
| 267     | Centre of Excellence in Epigenetics (Phase-II)-Role of epigenetic mechanisms in programming early adverse experience evoked vulnerability to psychopathology                          | 30816267     | GAP/DBT/BIO-16-267            | DBT                                         | Dr. Sanjeev Galande        | BT/COE/34/SP17426/2016 dt. 29.11.2016       | 2016-17       |
| 268     | Special values L-Functions and cohomology of arithmetic group                                                                                                                         | 30116268     | GAP/SERB/MTH-16-268           | SERB                                        | Dr. Baskar Balasubramanian | EMR/2016/000840 dt. 05.12.2016              | 2016-17       |
| 269     | 5601-1 p-adic aspects of automorphic forms and their L functions                                                                                                                      | 31416269     | GAP/IFCPR/MTH-16-269          | IFCPR-CEFIPRA                               | Dr. A Raghuram / Dimitrove | IFC/5601-1/2016/918 dt. 30.09.16            | 2016-17       |
| 270     | J C Bose Fellowship for Prof Deepak Dhar                                                                                                                                              | 31516270     | GAP/DST/PHY-16-270            | DST - Transfer from TIFR                    | Prof. Deepak Dhar          | SR/SZ/JCB-24/2006 dt. 10.05.07              | 2016-17       |
| 271     | Multi Level workshop on Research based pedagogical tools to Improve undergraduate science education in Indian Colleges and Universities                                               | 30816271     | GAP/DBT/BIO-16-271            | DBT                                         | Prof. Shashidhara          | BT/HRD/31/07/2016 dt. 13.01.17              | 2016-17       |
| 272     | High resolution shallow earth imaging to map faults using seismic interferometry                                                                                                      | 30916272     | GAP/DAE/ECS-16-272            | DAE-BRNS                                    | Prof. Shyam S Rai          | 36(2)/14/47/2016-BRNS/36120 dt. 11.01.17    | 2016-17       |
| 273     | Regional Workshops on research based pedagogical tools to improve science education and research in Indian Colleges/Universities.                                                     | 30116273     | GAP/DST/BIO-16-273            | DST                                         | Prof. L S Shashidhara      | SR/FIST-Workshops/IISER-P/2016 dt. 12.01.17 | 2016-17       |
| 274     | DST FIST Program - 2016 - Prof. Shashidhara                                                                                                                                           | 30116274     | GAP/DST/BIO-16-274            | DST                                         | Prof. Sanjeev Galande      | SR/FST/LSII-043/2016 dt. 15.12.16           | 2016-17       |
| 275     | Publication of Physics Education Journal                                                                                                                                              | 30916275     | GAP/DAE/PHY-16-275            | DAE-BRNS                                    | Dr. M S Santhanam          | 44(03)/01/2016-BRNS/10669 dt. 26.08.16      | 2016-17       |
| 276     | Indo Australia Early & Mid Career Researchers Fellowship Programme 2016-17 - Galois Representation associated to siegel Modular forms (University of Melbourne, Parkville, Australia) | 32316276     | GAP/INSA/MTH-16-276           | INSA                                        | Dr. Debargha Banerjee      | IA/INDO-AUST/F-3/2017/1871 dt. 09.01.17     | 2016-17       |
| 277     | Wellcome Trust/DBT India Alliance Senior Research Fellowship - Thomas Pucadyil                                                                                                        | 30716277     | GAP/Wellcome Trust/BIO-16-277 | Wellcome Trust - DBT India Alliance - Other | Dr. Thomas Pucadyil        | IA/S/16/2/502708 dt. 16.02.2017             | 2016-17       |
| 278     | Vakyakarana and its commentary laghuprakasika by sundararaja                                                                                                                          | 32316278     | GAP/INSA/BIO-16-278           | INSA                                        | Dr. Venketeswara Pai R     |                                             | 2016-17       |
| 279     | Temperature dependent semiconductor properties and ultrafast magnetization dynamics of (Doped) Metal-halide perovskite Nanocrystals                                                   | 30116279     | GAP/SERB/CHE-16-279           | SERB                                        | Dr. Pankaj Mandal          | EMR/2016/003734 dt. 07.03.17                | 2016-17       |
| 280     | Predictability of Intraseasonal convective initiation over equatorial India Ocean                                                                                                     | 30116280     | GAP/SERB/ECS-16-280           | SERB                                        | Dr. Neena Joseph Mani      | ECR/2016/001907 dt. 28.02.17                | 2016-17       |
| 281     | Biogeochemical cycling of major and trace elements in brackish water lagoon system                                                                                                    | 30116281     | GAP/SERB/ECS-16-281           | SERB                                        | Dr. Gyana Ranjan Tripathy  | ECR/2016/001884 dt. 08.03.17                | 2016-17       |
| 282     | Synthesis and magnetotransport of emergent dirac and weyl semimetals for spintronics                                                                                                  | 30116282     | GAP/SERB/PHY-16-282           | SERB                                        | Dr. Surjeet Singh          | EMR/2016/003792 dt. 14.03.17                | 2016-17       |
| 283     | Multi scale of the deep geology of India-Eurasian region and the adjoining sea                                                                                                        | 33016283     | GAP/MoES/ECS-16-0283          | MoES                                        | Dr. Shyam Sundar Rai       | MoES/P.O./((Geosci)/58/2016 dt. 22.03.2017  | 2016-17       |
| 284     | Analyzing conformational dynamics of dynamin during membrane fission                                                                                                                  | 30116284     | GAP/SERB/BIO-16-284           | SERB                                        | Dr. Thomas Pucadyil        | EMR/2016/000730 dt. 15.03.2017              | 2016-17       |
| 285     | Spectroscopic and biological studies of drugs, fluorophores and biomolecules inside the Biocompatible lyotropic liquid crystalline system                                             | 30116285     | GAP/SERB/CHE-16-285           | SERB                                        | Dr. Partha Hazra           | EMR/2016/004787 dt. 21.03.17                | 2016-17       |
| 286     | Mapping oxidative stress pathways in mammalian cells by chemical proteomics and metabolomics                                                                                          | 30116286     | GAP/SERB/BIO-16-286           | SERB                                        | Dr. Siddhesh Kamat         | ECR/2016/001261 dt. 21.03.17                | 2016-17       |
| 287     | SERB Women Excellence Award                                                                                                                                                           | 30116287     | GAP/SERB/BIO-16-287           | SERB                                        | Dr. Gayathri Pananghat     | SB/WEA-05/2016 dt. 06.03.2017               | 2016-17       |
| 288     | Spectrum arithmetic analysis and geometry of locally symmetric spaces and graphs                                                                                                      | 30116288     | GAP/SERB/MTH-16-288           | SERB                                        | Dr. Chandrasheel Bhagwat   | ECR/2016/001642 dt. 24.03.17                | 2016-17       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                 | DIGITAL CODE | PROJECT CODE        | FUNDING AGENCY         | PROJECT LEADER                                             | SANCTION NO./DATE                          | SANCTION YEAR |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------|------------------------|------------------------------------------------------------|--------------------------------------------|---------------|
| 289     | Azim Premji University - Aalok Khandekar                                                                                                                        | 33116289     | HUM/16-289          | Azim Premji University | Dr. Pushkar Sohni                                          | Agreement dt. 30.06.2016                   | 2016-17       |
| 290     | Investigation of Indian monsoon-Variability and drivers on decadal to centennial time scales                                                                    | 30116290     | GAP/DST/ECS-16-290  | DST                    | Dr. Neena Joseph Mani                                      | DST/CCP/MRDP/93/2017(G) dt. 24.03.17       | 2016-17       |
| 291     | Biochemical and structural studeis of a Type III restriction modification enzyme from the pathogen mycoplasma bovis                                             | 30116291     | GAP/SERB/BIO-16-291 | SERB                   | Dr. Saikrishnan Kayarat                                    | EMR/2016/000872 dt. 07.03.17               | 2016-17       |
| 292     | Open Source Image Analysis platform of cellular and sub cellular microscopy data Leveraging Big Data Anlysis Tools from Astronomy                               | 30816292     | GAP/DBT/BIO-16-292  | DBT                    | Dr. Chaitanya Athale                                       | BT/PR16591/BID/7/673/2016 dt. 24.03.2017   | 2016-17       |
| 293     | Supramolucular assembly of Glyco nanoparticles to target endothelial inflammation in Brain                                                                      | 30116293     | GAP/DST/CHE-16-293  | DST                    | Dr. Raghavendra Kikkeri                                    | SR/NM/NS-1113/2016(G) dt. 06.03.2017       | 2016-17       |
| 294     | Investigation of orientation effects and shell selectivity in molecular fragmentation under slow highly charged ion impact                                      | 30116294     | GAP/SERB/PHY-16-294 | SERB                   | Dr. Bhas Bapat                                             | EMR/2016/001925 dt. 29.03.2017             | 2016-17       |
| 295     | Role of nuclear lamins in regulating DNA damage repair and chromatin dynamics during migration                                                                  | 30116295     | GAP/SERB/BIO-16-295 | SERB                   | Dr. Kundan Sepgupta                                        | EMR/2016/003983 dt. 28.03.17               | 2016-17       |
| 296     | Covalent Organic framework (COF) and COF supported metal based nanoparticles as photo/Electrocatalyst for Electrode and Electrolyte Applications                | 30116296     | GAP/SERB/CHE-16-296 | SERB                   | Dr. Vaidhyanathan Ramanathan                               | EMR/2016/003553 dt. 29.03.2017             | 2016-17       |
| 297     | ATP dependent and Independent Functions of 14-3-3 and active site determination                                                                                 | 30116297     | GAP/SERB/BIO-16-297 | SERB                   | Dr. M S Madhusudhan                                        | EMR/2016/004079 dt. 21.03.17               | 2016-17       |
| 298     | INSPIRE Faculty Award - Anand Krishnan                                                                                                                          | 31817298     | GAP/DST-17-298      | DST                    | Dr. Anand Krishnan                                         | DST/INSPIRE/04/16/001255 dt. 14.02.17      | 2017-18       |
| 299     | Cross kingdom affairs-can micro RNAs of hostplants regulate genes of their insect herbivores - Ramalingaswamy Fellowship Re entry -2015-2016 - Dr. Sagar Pandit | 31317299     | GAP/DBT/BIO-17-299  | DBT                    | Dr.Sagar Pandit                                            | BT/RLF/Re-entry/31/2015 dt. 19.04.2017     | 2017-18       |
| 300     | TROP ICSU Project-Trans-disciplinary Research Oriented Pedagogy for improving climate studies and understanding                                                 | 33217300     | GAP/IUBS/BIO-17-300 | IUBS                   | Prof.Shashidhara                                           |                                            | 2017-18       |
| 301     | Magnetic and dielectric studies on the room temperature magnet SrRu2O6 and its doped variants                                                                   | 30117301     | GAP/DST/PHY-17-301  | DST                    | Dr. Sunil Nair                                             | INT/FRG/DGF/P-06/2017 dt. 17.05.2017       | 2017-18       |
| 302     | Pursuit of Novel and Enhanced optoelectronic effects in Hybrid perovskite based nanostructures                                                                  | 30117302     | GAP/DST/PHY-17-302  | DST                    | Prof.Satishchandra Ogale                                   | DST/INT/UK/P-148/2016 dt. 16.05.2017       | 2017-18       |
| 303     | INSPIRE Faculty Award - Chitrabhanu Chaudhuri                                                                                                                   | 31817303     | GAP/DST/MTH-17-303  | DST                    | Dr. Chitrabhanu Chaudhuri                                  | DST/INSPIRE/04/2016/001106 dt. 14.02.2017  | 2017-18       |
| 304     | Ferroelectric Metal Organic Materials Supported by Cationic Phosphorus Moieties for Potential sensor Application                                                | 32717304     | GAP/DRDO/CHE-17-304 | DRDO                   | Dr. R Boomi Shankar                                        | ARMREB/MAA/2017/189 dt. 30.03.2017         | 2017-18       |
| 305     | Max Planck Partner Group Project-Dr. Sagar Pandit                                                                                                               | 30317305     | GAP/MPG/BIO-17-305  | Max Planck             | Dr. Sagar Pandit                                           | Agreement dt. 30.05.2017                   | 2017-18       |
| 306     | Ion Source Facility for Calibration of Ion Mass and Energy Analysers for Space Missions                                                                         | 30617306     | GAP/ISRO/PHY-17-306 | ISRO-DoS               | Dr. Bhas Bapat                                             | DS-2B-13012(2)/4/2017 dt. 28.04.17         | 2017-18       |
| 307     | Ultra cold fermi gas with rydberg admixed inter atomic under UGC-UKIERI Joint Res Programme (UKIERI-III)                                                        | 30217307     | GAP/UGC/PHY-17-307  | UGC - Other            | Dr. Rejish Nath                                            | No.F.184-10/2017(IC) dt. 31.03.2017        | 2017-18       |
| 308     | Surface anchored Metal Organic Thin Film Devices                                                                                                                | 30117308     | GAP/SERB/CHE-17-308 | SERB                   | Dr. Nirmalya Ballav                                        | EMR/2016/001404 dt. 09.06.17               | 2017-18       |
| 309     | Small Molecule inducers of Redox stress targeting antibiotic resistance                                                                                         | 30817309     | GAP/DBT/CHE-17-309  | DBT                    | Dr. Harinath Chakrapani / Dr. Sidharth Chopra, CDRI        | BT/PR15848/MED/29/1025/2016 dt. 28.06.17   | 2017-18       |
| 310     | Monte Carlo simulation based determination of genome conformation using chromosome using chroosome conformation capture (3C)                                    | 30817310     | GAP/DBT/PHY/-17-310 | DBT                    | Dr. Apratim Chatterji / Dr. Farhat Habib, Dr. Manjunath GP | BT/PR16542/BID/7/654/2016 dt. 05.07.2017   | 2017-18       |
| 311     | Tumor associated carbohydrate antigen conjugated gold Nanoparticles of Different Morphologies-A Potential cancer vaccine platform                               | 30817311     | GAP/DBT/CHE-17-311  | DBT                    | Dr. Preeti Chaudhary - Mentor-Dr. Raghavendra Kikkeri      | BT/PR19727/BIC/101/253/2016 dt. 03.07.2017 | 2017-18       |
| 312     | Formin-2 Function In Neural Circuit Development and Organisation of Behaviour                                                                                   | 30517312     | GAP/CSIR/BIO-17-312 | CSIR                   | Dr. Aurnab Ghose                                           | 37(1689)/17/EMR-II dt. 05.05.2017          | 2017-18       |
| 313     | Studies on The Total synthesis of baulamycins A and B Via Stereoselective C-C Bond Formation using Metal Catalyst                                               | 30517313     | GAP/CSIR/CHE-17-313 | CSIR                   | Dr. B Gnanaprakasam Boopathy                               | 02(0296)/17/EMR-II dt. 05.05.2017          | 2017-18       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                                                                                               | DIGITAL CODE | PROJECT CODE                  | FUNDING AGENCY                              | PROJECT LEADER                              | SANCTION NO./DATE                          | SANCTION YEAR |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|---------------------------------------------|---------------------------------------------|--------------------------------------------|---------------|
| 314     | Internal state dependent modulation of decision making :CART neuropeptide in coordinating energy levels with risk taking behavior at the amygdala / CSRI                                                                                                                      | 30117314     | GAP/DST/BIO-17-314            | DST                                         | Dr. Nishikant Subhedar                      | SR/CSRI/331/2016 dt. 18.07.2017            | 2017-18       |
| 315     | Conjugacy problem in Groups of Lie Type - Indo Russian Joint Project                                                                                                                                                                                                          | 30117315     | GAP/DST/MTH-17-315            | DST-IBCD                                    | Dr. Anupam Singh                            | INT/RUS/RFBR/P-288 dt. 11.07.2017          | 2017-18       |
| 316     | Stable isotope based dendroclimatology investigations of trees from Indian region                                                                                                                                                                                             | 30617316     | GAP/ISRO/ECS-17-316           | ISRO-GBP                                    | Dr. Shreyas Managave                        | Transfer from NPL, Ahmedabad               | 2017-18       |
| 317     | Plasma membrane organization and protein dynamics in early epithelial like cells in drosophila embryogenesis                                                                                                                                                                  | 30817317     | 0.2023                        | DBT                                         | Dr. Richa Rikhy                             | BT/PR17317/BRB/10/1521/2016 dt. 25.07.2017 | 2017-18       |
| 318     | Ramanujan Fellowship Dr. Suhas Ettammal                                                                                                                                                                                                                                       | 31117318     | GAP/DST/ECS-17-318            | SERB                                        | Dr. Suhas Ettammal                          | SB/52/RJN-070/2016 dt. 03.07.2017          | 2017-18       |
| 319     | Investigating PAF induced transaformation in 3D breast acini                                                                                                                                                                                                                  | 30117319     | GAP/SERB/BIO-17-319           | SERB                                        | Dr. Mayurika Lahiri                         | EMR/2016/001974 dt. 07.08.2017             | 2017-18       |
| 320     | Mitochondrial central dogma by chimeric nanoparticle in cancer                                                                                                                                                                                                                | 30117320     | GAP/DST/CHE-17-320            | DST                                         | Dr. Sudipta Basu                            | SR/NM/NB-1083/2017(G) dt. 21.08.2017       | 2017-18       |
| 321     | Metal Free Phosphorus compound for small molecule activation and catalysis                                                                                                                                                                                                    | 30517321     | GAP/CSIR/CHE-17-321           | CSIR                                        | Dr. Moumita Majumdar                        | 01(2877)/17/EMR-II dt. 02.05.17            | 2017-18       |
| 322     | Light activated supramolecular ion channels for transmembrane anion transport                                                                                                                                                                                                 | 30117322     | GAP/SERB/CHE-17-322           | SERB                                        | Dr. Pinaki Talukdar                         | EMR/2016/001897 dt. 04.08.17               | 2017-18       |
| 323     | International Research Scholars Program-Howard Hughes Medical Institute (HHMI)                                                                                                                                                                                                | 33317323     | HHMI/BIO-17-323               | Howard Hughes Medical Institute             | Dr. Thomas Pucadyil                         | INTNL-HHMI-55008746                        | 2017-18       |
| 324     | Role of structure, metal carbon stoichiometry and defects on reactivity of transition metal clusters supported on metal carbides and Mxenes for selective hydrogenation of CO <sub>2</sub> to methanol; an abinitio study                                                     | 30117324     | GAP/PHY/-17-324               | SERB                                        | Dr. Prasenjit Ghosh                         | EMR/2016/005275 dt. 16.08.17               | 2017-18       |
| 325     | RNAi Mediated suppression of Stbel 1-Like Genes to Investigate the potential for tuber yield increase in potatoes                                                                                                                                                             | 30517325     | GAP/CSIR/BIO-17-325           | CSIR                                        | Dr. Anjan Banerjee                          | 38(1437)/17/EMR-II dt. 25.05.17            | 2017-18       |
| 326     | S803-B Mechanism of Polarity reversals in Myxococcus xanthus                                                                                                                                                                                                                  | 31417326     | GAP/CEFIPRA/BIO-17-326        | IFCPAR-CEFIPRA                              | Dr. Gayathri Pananghat                      | IFC/5803-B/2017/423 dt. 14.06.17           | 2017-18       |
| 327     | Wellcome Trust/DBT India Alliance Early Career Fellowship - Dr. Chandramouli Reddy Puli                                                                                                                                                                                       | 30717327     | GAP/Wellcome Trust/BIO-17/327 | Wellcome Trust - DBT India Alliance - Other | Dr. Chandramouli Reddy Puli                 | IA/E/16/1/503057 dt. 24.11.2017            | 2017-18       |
| 328     | Role of molecular complexity in nonenzymatic replication reactions of the RNA world                                                                                                                                                                                           | 30817328     | GAP/DBT/BIO-17-328            | DBT                                         | Dr. Sudha Rajamani / Dr. Nishikant Subhedar | BT/PR19201/BRB/10/1532/2016 dt. Dec 2017   | 2017-18       |
| 329     | Tuberculosis Diagnostics based on Mycobacterial Glycolipid protein Interactions                                                                                                                                                                                               | 30817329     | GAP/DBT/CHE-17-329            | DBT                                         | Dr. Srinivas Hotha                          | BT/PR20820/MED/30/1875/2017 dt. 02.01.2018 | 2017-18       |
| 330     | Women Scientist Scheme - Fibulin-1 A Novel regulator of EGFR Signaling in lung cancer ?.                                                                                                                                                                                      | 30117330     | GAP/DST/BIO-17-330            | DST                                         | Dr. Keerthi                                 | SR/WOS-A/LS-158/2017 (G) dt. 18.01.2018    | 2017-18       |
| 331     | Synthesis of a new saturated N-heterocyclic silylene, its reactivity and catalytic application                                                                                                                                                                                | 30917331     | GAP/DAE/CHEM-17-331           | DAE-BRNS                                    | Dr. Shabana Khan                            | 37(2)/14/23/2017-BRNS/37220 dt. 29.12.2017 | 2017-18       |
| 332     | DBT, University of Cambridge and ICGB Joint Fellowship Programme / Functional Interpretation and prioritization of disease associated variants in the noncoding regions of the human genome using cloud based systems proteogenomic, machine learning and modeling approaches | 30817332     | DBT-ICGB                      | ICGB-DBT                                    | Dr. Sudhakaran Prabhakaran                  | ICGB/FCA/HI/2017/02 dt. 23.01.2018         | 2017-18       |
| 333     | Identification of the most active cocoonase of sericigenous insects through molecular characterisation                                                                                                                                                                        | 30817333     | GAP/DBT/BIO-17-333            | DBT                                         | Dr. Gayathri Pananghat                      | BT/PR17835/TDS/121/26/2016 dt. 21.02.2018  | 2017-18       |
| 334     | Identifying molecular cues and their interactions during scale formation in zebrafish - Women Scientist Scheme A (WOS-A)                                                                                                                                                      | 30117334     | GAP/DST/BIO-17-334            | DST (WOS-A)                                 | Dr. Tressa Panikulangara Jacob              | SR/WOS-A/LS-201/2017(G) dt. 26.02.16       | 2017-18       |
| 335     | Covalent organic framework and metal organic framework as solid electrolytes for batteries and fuel cells and as charge storage matrix for supercapacitors and organic electronics                                                                                            | 30117335     | GAP/DST/CHE-17-335            | DST                                         | Dr. Vaidhyanathan Ramanathan                | DST/TMD/MES/2K17/103 ( C ) dt. 13.02.18    | 2017-18       |
| 336     | Janus PNAs as innovative programmable and functional supramolecules for multifaceted chemical biology applications                                                                                                                                                            | 30117336     | GAP/SERB/CHE-17-336           | SERB                                        | Prof. K N Ganesh                            | EMR/2016/007601 / 23.10.2017               | 2017-18       |
| 337     | Analysing of mitochondrial morphology and metabolism regulation in drosophila neuroblast differentiation                                                                                                                                                                      | 30817337     | GAP/DBT/BIO-17-337            | DBT                                         | Dr. Richa Rikhy                             | BT/PR18898/MED/122/19/2016 dt. 08.03.18    | 2017-18       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                             | DIGITAL CODE | PROJECT CODE                   | FUNDING AGENCY                                                       | PROJECT LEADER                                        | SANCTION NO./DATE                                               | SANCTION YEAR |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------------------------|----------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------|---------------|
| 338     | Vigyan Jyoti Pilot Project-Vigyan Jyoti Knowledge centre                                                                                                                    | 30117338     | GAP/DST/PHY-17-338             | DST                                                                  | Dr. G Ambika                                          | DST/JV-Pilot/01/2017 dt. 08.03.2018                             | 2017-18       |
| 339     | Understanding the mechanism of protein misfolding in neurodegenerative disease                                                                                              | 30817339     | GAP/DBT/CHE-17-339             | DBT                                                                  | Prof. Jayant Udgaonkar                                | BT/PR13369/COE/34/25/2015 dt. 29.09.15 - shifted from NCBS, Blr | 2017-18       |
| 340     | Principal eigenvalue problems and its application to risk sensitive controls                                                                                                | 30117340     | GAP/SERB/MTH-17-340            | SERB                                                                 | Dr. Anup Biswas / Dr. Anindya Goswami                 | EMR/2016/004810 dt. 12.03.18                                    | 2017-18       |
| 341     | Charge transport and mechanical motion in one dimensional nano materials: towards ultrasensitive detection and mechanoechemistry                                            | 30117341     | GAP/DST/CHE-17-341             | DST                                                                  | Dr. Pramod Pillai                                     | SR/NM/NS-1014/2017 dt. 14.03.18                                 | 2017-18       |
| 342     | Two fundamental problems in coding theory                                                                                                                                   | 30117342     | GAP/SERB/MTD-17-342            | SERB                                                                 | Dr. Krishna Kapia                                     | EMR/2016/005578 dt. 12.03.18                                    | 2017-18       |
| 343     | Atom Interferometry using Talbot Resonances with RB Bose Einstein Condensate                                                                                                | 30517343     | GAP/CSIR/PHY-17-343            | CSIR                                                                 | Dr. Umakant Rapol                                     | 03(1378)/16/EMR-II dt. 17.07.2017                               | 2017-18       |
| 344     | Understanding structural and dynamic basis for adaptive targeting of dsRNAs comprising of corrupted helices by TAR RNA binding protein (TRBT)                               | 30817344     | GAP/DBT/CHE-17-344             | DBT                                                                  | Dr. Jeetender Chugh / Co-PI-Dr. Saikrishnan Kayarat   | BT/PR24185/BRB/10/1605/2017 dt. 19.03.2018                      | 2017-18       |
| 345     | Nanostructured hybrid materials for energy harvesting                                                                                                                       | 30117345     | GAP/SERB/PHY-17-345            | SERB                                                                 | Dr. Atikur Rahman                                     | EMR/2016/005792 dt. 15.03.2018                                  | 2017-18       |
| 346     | Conjugacy classes of centralizers in algebraic group                                                                                                                        | 30917346     | GAP/DAE/MTH-17-346             | DAE-NBHM                                                             | Dr. Anupam Singh                                      | Order No. 2/11/40/2017/R&D II/3479 dt. 16.03.2018               | 2017-18       |
| 347     | The Effect of interannual variation in flowering intensity periodicity and synchrony on pollination and fruit set in a highly seasonal tropical forest in the western ghats | 30117347     | GAP/SERB/BIO-17-347            | SERB                                                                 | Dr. Deepak Barua                                      | EMR/2014/000705 dt. 13.03.2017                                  | 2017-18       |
| 348     | Role of Dm1 at the synapse and regulation of glutamate receptors                                                                                                            | 30817348     | GAP/DBT/BIO-17-348             | DBT                                                                  | Dr. Girish Ratnaparkhi / Dr. Anuradha Ratnaparkhi-ARI | BT/PR/23318/BRB/10/1597/2017 dt.                                | 2017-18       |
| 349     | Theoretical and empirical investigations on the interaction of predictability, periodicity of fluctuations and bottleneck size in affecting microbial evolution             | 30817349     | GAP/DBT/BIO-17-349             | DBT                                                                  | Dr. Sutirth Dey - Co-PI-Prof. L S Shashidhara         | BT/PR22328/BRB/10/1569/2016 dt. 22.03.2018                      | 2017-18       |
| 350     | Unnat Bharat Abhiyan (UBA)                                                                                                                                                  | 32518350     | GAP/IITDelhi/-18-350           | IIT Delhi                                                            | Dr. V S Rao                                           |                                                                 | 2018-19       |
| 351     | British Council - STEM Teacher Training workshops to develop Research Based Pedagogical Tools                                                                               | 31718351     | GAP/BRITISH COUNCIL/BIO-18-351 | British Council                                                      | Prof. L S Shashidhara                                 | IND/CONT/G/17-18/100 / 23.03.18                                 | 2018-19       |
| 352     | AYUSH-Centre of Excellence                                                                                                                                                  | 33418352     | GAP/SPPU/BIO-18-352            | Savitribai Phule Pune University                                     | Dr. Mayurika Lahiri                                   | MOU                                                             | 2018-19       |
| 353     | Observations and modelling of the water cycle in Chandra and Upper Alaknanda Basins                                                                                         | 33018353     | GAP/MoES-NCAOR/ECS-18-353      | National Centre for Antarctic and Ocean Research-ESSO-MoES           | Dr. Argha Banerjee                                    | (NCAOR/2018/HiCOM/04 dt. 28.03.2018                             | 2018-19       |
| 354     | Ramanujan Fellowship Award - Dr. Sachin Jain                                                                                                                                | 31118354     | GAP/SERB//PHY-18-354           | SERB                                                                 | Dr. Sachin Jain                                       | SB/S2/RJN-116/2017 dt. 21.05.2018                               | 2018-19       |
| 355     | A Novel compensation model to mitigate crop damage by wild herbivores around protected areas                                                                                | 33518355     | GAP/MEFCC/HSS-18-355           | Ministry of Environment, Forest and Climate Change-Wildlife Division | Prof. Milind Watve                                    | F.No.15-1/2016-WL dt. 25.05.2018                                | 2018-19       |
| 356     | Sunrise Project / Strategic University Network to Revolutionize Indian Solar Energy                                                                                         | 33618356     | EPSRC/PHY-18-356               | The Engineering and Physical Sciences Research Council               | Dr. Satishchandra Ogale / Dr. Atikur Rahman           | Agreement dtd. 01.04.2018                                       | 2018-19       |
| 357     | AOARD 17IOA121- Covalent Organic Framework supported Nanoparticles as Light Weight Nanomagnet                                                                               | 32118357     | AOARD/CHE-18-357               | Asian Office of Aerospace R & D (AOARD)                              | Dr. Vaidyanathan Ramanathan                           | Agreement dt. 16.05.2018                                        | 2018-19       |
| 358     | Study of nonlocal scalar field equations - MATRICS                                                                                                                          | 30118358     | GAP/SERB/MTH-18-358            | SERB                                                                 | Dr. Mousomi Bhakta                                    | MTR/2017/000168 dt. 28.05.2018                                  | 2018-19       |
| 359     | Computations in the groups of Lie type - MATRICS                                                                                                                            | 30118359     | GAP/SERB/MTH-18-359            | SERB                                                                 | Dr. Anupam Kumar Singh                                | MTR/2017/000016 dt. 28.05.2018                                  | 2018-19       |
| 360     | Low Dimensional Topology - MATRICS                                                                                                                                          | 30118360     | GAP/SERB/MTH-18-360            | SERB                                                                 | Dr. Tejas Kalelkar                                    | MTR/2017/000285 dt. 06.06.2018                                  | 2018-19       |
| 361     | Classical L Theory for Module Finite Rings and Graded Algebras-MATRICS                                                                                                      | 30118361     | GAP/SERB/MTH-18-361            | SERB                                                                 | Dr. Rabeya Basu                                       | MTR/2017/000886 dt. 28.06.2018                                  | 2018-19       |
| 362     | INSPIRE Faculty Award - Dr. Debdip Ganguly                                                                                                                                  | 31818362     | GAP/DST/MTH-18-362             | DST                                                                  | Dr. Debdip Ganguly                                    | DST/INSPIRE Faculty Award/Batch-12/2017                         | 2018-19       |
| 363     | J C Bose Fellowship for Prof Jayant Udgaonkar                                                                                                                               | 31518365     | GAP/SERB/CHE-18-365            | SERB                                                                 | Prof. Jayant Udgaonkar                                | SR/S2/JCB-47/2006 dt. 09.07.18                                  | 2018-19       |

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|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|------------------|----------------------------------------------------------|--------------------------------------------------------|---------------|
| 364     | Hecke algebras and the Langlands program - MATRICS                                                                                                                               | 30118366     | GAP/SERB/MTH-18-366  | SERB             | Dr. Manish Kumar Mishra                                  | MTR/2017/000545 dt. 28.05.2018                         | 2018-19       |
| 365     | In Vivo screening and analysis of BAR domain family in membrane-cytoskeletal interactions in epithelial morphogenesis and synaptic membrane remodelling in drosophila            | 30817367     | GAP/DBT/BIO-18-367   | DBT              | Dr. Richa Rikhy, Co-PI-Dr. Vimlesh Kumar, IISER Bhopal   | BT/PR26071/GET/119/108/2017 dt. 04.07.2018             | 2018-19       |
| 366     | Families of adjoint L-functions and selmer groups for Hilbert modular forms - MATRICS                                                                                            | 30118368     | GAP/SERB/MTH-18-368  | SERB             | Dr. Baskar Balasubramanyam                               | MTR/2017/000114 dt. 29.05.2018                         | 2018-19       |
| 367     | INSPIRE Faculty Award-Sarvesh Kumar Dubey - IFA17-EAS66                                                                                                                          | 31818369     | GAP/DST/ECS-18-369   | DST              | Dr. Sarvesh Kumar Dubey                                  | DST/INSPIRE Faculty Award/Batch-13/2017 dt. 10.10.2018 | 2018-19       |
| 368     | Molecular and chemical ecology of the biological control of diamondback moth revealing the significance of the infochemical communication between bottom up and top down factors | 30118370     | GAP/SERB/BIO-18-370  | SERB             | Dr. Sagar Pandit                                         | EMR/2017/000495 dt. 16.07.2018                         | 2018-19       |
| 369     | Women Scientist Scheme (WOS-A) Solid phase synthesis of oligo Arabinofuranosides                                                                                                 | 30118371     | GAP/DST/BIO-18-371   | DST (WOS-A)      | Dr. Madhuri Vangala                                      | SR/WOS-A/CS-110/2017 dt. 23.07.2018                    | 2018-19       |
| 370     | A Novel phototherapeutic approach exploiting proton / chloride (H/Cl) co transport to combat breast cancer - National Bioscience Award for Career Development 2016               | 30818372     | GAP/DBT/CHE-18-372   | DBT              | Dr. Pinaki Talukdar                                      | BT/HRD/NBA/38/06/2018 dt. 18.07.2018                   | 2018-19       |
| 371     | Group of extra twist beyond GL <sub>2</sub> Q - MATRCS                                                                                                                           | 30118373     | GAP/SERB/MTH-18-373  | SERB             | Dr. Debargha Banerjee                                    | MTR/2017/000357 dt. 18.07.2018                         | 2018-19       |
| 372     | Around the volume conjecture in knot theory - MATRICS                                                                                                                            | 30118374     | GAP/SERB/MTH-18-374  | SERB             | Dr. Rama Mishra                                          | MTR/2017/000302 dt. 16.07.2018                         | 2018-19       |
| 373     | Women Scientific Scheme A (WOS-A) - Macrocyclic furans a route to diverse cyclic oligophenylenes                                                                                 | 30118375     | GAP/DST/CHE-18-375   | DST (WOS-A)      | Dr. Sunita Khanderao Gadakh                              | SR/WOS-A/CS-88/2017 dt. 31.07.2018                     | 2018-19       |
| 374     | IUCAA-IISER Joint Centre for Gravitational Physics and Astronomy (CGPA) LIGO India related to training activities                                                                | 33718376     | GAP/IUCAA/PHY-18-376 | IUCAA            | Prof. Sunil Mukhi / Chair Physics                        | IUCAA-IISER-CGPA-01 dt. 07.08.2018                     | 2018-19       |
| 375     | INSPIRE Faculty Award - Utsav Mannu - IFA18-EAS71                                                                                                                                | 31818377     | GAP/DST/ECS-18-377   | DST              | Dr. Utsav Mannu                                          | DST/INSPIRE Faculty Award/Batch-14/2018                | 2018-19       |
| 376     | Microtubule Based Mechanisms of Colchicine Resistance of the Producing plant gloriosa superba and insect feeder polytela gloriosae                                               | 30118378     | GAP/SERB/BIO-18-378  | SERB             | Dr. Chaitanya Athale                                     | EMR/2016/005481 dt. 01.08.18                           | 2018-19       |
| 377     | Investigating Mycobacterial responses to endogenous peroxynitrite                                                                                                                | 30818379     | GAP/DBT/CHE-18-379   | DBT              | Dr. Harinath Chakrapani                                  | BT/PR17514/BRB/10/1615/2017 dt. 13.08.18               | 2018-19       |
| 378     | Systematic editing of the Drosophila genome by Crisp/Cas9 to uncover biological roles for SUMOylation in the immune response                                                     | 30818380     | GAP/DBT/BIO-18-380   | DBT              | Dr. Girish Ratnaparkhi                                   | BT/PR26095/GET/119/199/2017 dt. 13.08.2018             | 2018-19       |
| 379     | National Programme on Technology enhanced learning                                                                                                                               | 33818381     | GAP/NPTEL/CHE-18-381 | NPTEL-IIT Madras | Dr. Harinath Chakrapani, Arnab Mukherjee, Pushkar Sohoni | Letter dt. 12.09.2018                                  | 2018-19       |
| 380     | Immunomodulation of STn Antigens with Biomaterials for Cancer Therapy                                                                                                            | 30818382     | GAP/DBT/CHE-18-382   | DBT              | Dr. Raghavendra Kikkeri                                  | BT/PR21934/NNT/28/1242/2017 dt.06.09.18                | 2018-19       |
| 381     | Investigating the secret role of miRNA166 in local and systemic defense responses during potato phytophthorainfestans interaction                                                | 30818383     | GAP/DBT/CHE-18-383   | DBT              | Dr. Anjan Banerjee / Co-PI-Prof. Sanjeev Galande         | BT/PR23716/AGIII/103/1038/2018 / 12.09.2018            | 2018-19       |
| 382     | Pb-Free metal halide perovskite Nanocrystals for optoelectronic applications                                                                                                     | 30118384     | GAP/SERB/CHE-18-384  | SERB             | Dr. Angshuman Nag                                        | EMR/2017/001397 / 06.09.18                             | 2018-19       |
| 383     | Generation of Tnt1 (retrotransposon) insertional mutant population of Moss and characterization of putative mutants defective in gametophore development                         | 30118385     | GAP/SERB/BIO-18-385  | SERB             | Dr. Anjan Banerjee                                       | EMR/2016/004852 / 30.08.2018                           | 2018-19       |
| 384     | Synthesis Characterization and application of Nsi(II) N-based pincer ligands                                                                                                     | 30118386     | GAP/SERB/CHE-18-386  | SERB             | Dr. Shabana Khan                                         | EMR/2017/001704 / 06.09.18                             | 2018-19       |
| 385     | Locally risk minimizing option pricing in semi markov modulated market model - MATRICS                                                                                           | 30118387     | GAP/SERB/MTH-18-387  | SERB             | Dr. Anindya Goswami                                      | MTR/2017/000543 / 06.09.2018                           | 2018-19       |
| 386     | Investigating mechanical tension in neuronal axons quantitative evaluation and cytoskeleton origins                                                                              | 30118388     | GAP/SERB/BIO-18-388  | SERB             | Dr. Aurnab Ghose                                         | EMR/2016/003730 / 07.09.2018                           | 2018-19       |
| 387     | PMMMMNMTT Centre of IISER Pune for holding Academic Council Council meetings of National Resource Centre (NRC) for the discipline Climate Change - 2018-19                       | 32518389     | GAP/MHRD/ECS-18-389  | MHRD             | Prof. L S Shashidhara                                    | F.No.1-34/2015-PN.II dt. 10.09.2018                    | 2018-19       |

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|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------|-----------------------------------------|------------------------------------------------------------------|---------------------------------------------------------|---------------|
| 388     | Improved description of the water cycle in the upper ganga catchment using isotopic, geochemical data and model simulations                                                                                                      | 33018390     | GAP/MoES/ECS-18-390  | MoES                                    | Dr. Argha Banerjee                                               | MoES/PAMC/H&C/79/2016-PC-II dt. 27.09.2018              | 2018-19       |
| 389     | Development of a stable and inducible CRISPR cas9 system for high throughput site specific genome editing in plasmodium falciparum                                                                                               | 30818391     | GAP/DBT/BIO-18-391   | DBT                                     | Dr. Krishanpal Karmodiya                                         | BT/PR25858/GET/119/169/2017 dt. 03.10.2018              | 2018-19       |
| 390     | Understanding diversification of Impatiens species in the Northern western Ghats                                                                                                                                                 | 30818392     | GAP/DBT/BIO-18-392   | DBT                                     | Dr. Deepak Barua                                                 | BT/PR27535/NDB/39/600/2018 dt. 24.09.2018               | 2018-19       |
| 391     | Induction Programme at CESME, IISER Pune                                                                                                                                                                                         | 32518393     | GAP/MHRD/BIO-18-393  | MHRD                                    | Prof. L S Shashidhara                                            | F.No.1-9/2017-PN.II dt. 02.05.18                        | 2018-19       |
| 392     | Understanding the behavioural and neural basis for song changes in response to social context in the adult male zebra finch                                                                                                      | 30118394     | GAP/DST/BIO-18-394   | DST                                     | Dr. Raghav Rajan                                                 | DST/CSRI/2017/163 dt. 10.10.2018                        | 2018-19       |
| 393     | Ramanujan Fellowship Award - Dr. Diptimoy Ghosh                                                                                                                                                                                  | 30118395     | GAP/SERB/PHY-18-395  | SERB                                    | Dr. Diptimoy Ghosh                                               | SB/S2/RJN-088/2018 dt. 22.10.2018                       | 2018-19       |
| 394     | Spin Injection, Interaction and manipulation in puckered 2D material:Designing Materials for Nano spintronics                                                                                                                    | 30118396     | GAP/SERB/PHY-18-396  | SERB                                    | Dr. Mukul Kabir                                                  | EMR/2016/0006458 / 01.11.18                             | 2018-19       |
| 395     | AOARD - Resonant Light scattering from optically aligned plasmonic nanowire architectures in fluids                                                                                                                              | 32118397     | GAP/AOARD/PHY-18-397 | Asian Office of Aerospace R & D (AOARD) | Dr. G V Pavan Kumar                                              | FA2386-18-1-4118 dt.                                    | 2018-19       |
| 396     | Women Scientist Scheme A (WOS-A) - Phase behaviour and directed transport in active colloidal system                                                                                                                             | 30118398     | GAP/DST/PHY-18-398   | DST (WOS-A)-Kiran Division              | Dr. Antina Ghosh                                                 | SR/WOS-A/PM-34/2018 dt. 12.11.2018                      | 2018-19       |
| 397     | Bird communication and signal propagation in dynamic soundscapes integrating behavior physics and community ecology                                                                                                              | 30118399     | GAP/DST/BIO-18-399   | SERB                                    | Dr. Anand Krishnan                                               | ECR/2017/001527 dt. 14.11.18                            | 2018-19       |
| 398     | To Develop cost effective primary lithium battery for Defence application                                                                                                                                                        | 32718400     | GAP/DRDO/CHE-18-400  | DRDO                                    | Dr. Nirmalya Ballav / Dr. Satishchandra Ogale                    | ARMREB/MAA/2018/207 dt. 06.12.18                        | 2018-19       |
| 399     | Gold catalysed synthesis of foundaparinux and other Glycosaminoglycans                                                                                                                                                           | 30118401     | GAP/SERB/CHE-18-401  | SERB                                    | Dr. Srinivas Hotha                                               | EMR/2017/003823 dt. 07.01.19                            | 2018-19       |
| 400     | Raja Ramanna Fellowship to Prof. Satish Ogale                                                                                                                                                                                    | 30918402     | GAP/DAE/PHY-18-402   | DAE                                     | Dr. Satishchandra Ogale                                          | Order No. 1001/4/2018/RRF/(SCM)/R&D-II/678 dt. 16.01.19 | 2018-19       |
| 401     | Reversal of wrong decisions: Dissecting the neural mechanisms                                                                                                                                                                    | 30118403     | GAP/DST/BIO-18-403   | DST                                     | Dr. Nixon Abraham                                                | DST/CSRI/2017/271 dt. 10.01.19                          | 2018-19       |
| 402     | Women Scientist Scheme A (WOS-A) - Quest for experimental discovery of new topological semimetal candidates                                                                                                                      | 30118404     | GAP/DST/PHY-18-404   | DST (WOS-A)                             | Dr. Luminita Harnagea                                            | SR/WOS-A/PM-33/2018 dt. 19.02.19                        | 2018-19       |
| 403     | Molecular and chemical ecology of the biological pest control plant mediated RNAi based investigation of counteradaptations of diamondback moth and its parasitoid against brassicacaeas glucosinolate myrosinase defense system | 30818405     | GAP/DBT/BIO-18-405   | DBT                                     | Dr. Sagar Pandit                                                 | BT/PR29925/AGIII/103/1077/2018 / 21.02.19               | 2018-19       |
| 404     | Teachers Associateship for Research Excellence (TARE) to Dr. Aniruddha Mitra, Shoolini University of Biotechnology and Mangement Science, Himachal Pradesh                                                                       | 30118406     | GAP/SERB/BIO-18-406  | SERB                                    | Prof. Shashidhara                                                | TAR/2018/000175 / 22.02.19                              | 2018-19       |
| 405     | Teachers Associateship for Research Excellence (TARE) to Dr. Vivek Vishwanath Antad, Modern Education Society's Nowrosjee Wadia College, Pune, MS                                                                                | 30118407     | GAP/SERB/PHY-18-407  | SERB                                    | Dr. Shivprasad Patil                                             | TAR/2018/000807 / 27.02.19                              | 2018-19       |
| 406     | Training Programmes Enabling effective science communication by IISER Pune                                                                                                                                                       | 30118408     | GAP/DST/CHE-18-408   | DST                                     | Dr. Harinath Chakrapani                                          | CO/B/TR/SO2/2017(IISER)                                 | 2018-19       |
| 407     | Machine learning driven new physics probes through Novel Kinematic and substructure variables                                                                                                                                    | 30118409     | GAP/SERB/PHY-18-409  | SERB                                    | Dr. Arun Thalapillil                                             | ECR/2018/001558 / 05.03.19                              | 2018-19       |
| 408     | Manav-Human Atlas Initiative                                                                                                                                                                                                     | 30818410     | GAP/DBT/BIO-18-410   | DBT                                     | Dr. Nagaraj Balasubramanian / Dr. Gopal Chandra Kundu, NCCS Pune | BT/PR27731/BID/7/828/2018 / 27.02.19                    | 2018-19       |
| 409     | Covering Arrays on Graphs and Hypergraphs - Matrics Grant for Dr. Soumen Maity                                                                                                                                                   | 30118411     | GAP/SERB/MTH-18-411  | SERB                                    | Dr. Soumen Maity                                                 | MTR/2018/001025 dt. 12.03.19                            | 2018-19       |
| 410     | Arithmetic properties of automorphic L-functions-MATRICS Grant for Prof. A Raghuram                                                                                                                                              | 30118412     | GAP/SERB/MTH-18-412  | SERB                                    | Prof. A Raghuram                                                 | MTR/2018/000918 dt. 12.03.19                            | 2018-19       |
| 411     | Teachers Associateship for Research Excellence (TARE) to Dr. Sunil Patil College of Engineering, Pune.                                                                                                                           | 30118413     | GAP/SERB/CHE-18-413  | SERB                                    | Dr. Arnab Mukherjee                                              | TAR/2018/001188 dt. 12.03.19                            | 2018-19       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                          | DIGITAL CODE | PROJECT CODE               | FUNDING AGENCY                      | PROJECT LEADER                                         | SANCTION NO./DATE                            | SANCTION YEAR |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------|-------------------------------------|--------------------------------------------------------|----------------------------------------------|---------------|
| 412     | Women Scientist Scheme A (WOS-A) entitled "Screening of charged colloids in an inner salt (Zwitterion)                                                                                   | 30118414     | GAP/DST/PHY-18-414         | DST (WOS-A)                         | Dr. Sheelan Sengupta                                   | SR/WOS-A/PM-30/2018 dt. 08.03.2019           | 2018-19       |
| 413     | Structural biology of membrane associated cytoskeletal filaments involved in shape determination and motility of a helical millicute spiroplasma                                         | 30818415     | GAP/DBT//BIO-18-415        | DBT                                 | Dr. Gayathri Pananghat / Co-PI-Dr. Saikrishnan Kayarat | BT/PR28833/BRB/10/1705/2018 dt. 19.03.19     | 2018-19       |
| 414     | Scientific Analysis of historic lime mortars and other building materials                                                                                                                | 30118416     | GAP/DST/HSS-18-416         | DST                                 | Dr. Pushkar Sohoni                                     | DST/TDT/SHRI-12/2018 (G) dt. 26.02.19        | 2018-19       |
| 415     | IFCPAR-CEFIPRA res project - 6104-2 - Dr. Atikur Rahman - Optoelectronics in van der waals heterostructures from fundamental to quantum device engineering                               | 31418417     | GAP/IFCPAR/PHY-18-417      | IFCPAR-CEFIPRA                      | Dr. Atikur Rahman                                      | IFC/6104-2/2019/1786 dt. 27.03.2019          | 2018-19       |
| 416     | Matrices-Topics on integro differential operators                                                                                                                                        | 30118418     | GAP/SERB/MTH-18-418        | SERB                                | Dr. Anup Biswas                                        | Order No. MTR/2018/00028 dt. 12.03.19        | 2018-19       |
| 417     | MATRICES-Witt vectors of associative rings                                                                                                                                               | 30118419     | GAP/SERB/MTH-18-419        | SERB                                | Dr. Supriya Pisolkar                                   | Order No. MTR/2018/00346 dt. 27.02.19        | 2018-19       |
| 418     | Hecke algebras associated to simple bernstein blocks                                                                                                                                     | 30118420     | GAP/SERB/MTH-18-420        | SERB                                | Dr. Manish Kumar Mishra                                | ECR/2018/000295 dt. 13.03.19                 | 2018-19       |
| 419     | MATRICES - Solving the elliptic curve discrete logarithm problem                                                                                                                         | 30118421     | GAP/SERB/MTH-18-421        | SERB                                | Dr. Ayan Mahalanobis                                   | MTR/2018/000018 dt. 12.03.19                 | 2018-19       |
| 420     | MATRICES-Arithmetic theory of motivic and automorphic l functions-Dr. Chandrasheel Bhagwat                                                                                               | 30118422     | GAP/SERB/PHY-18-422        | SERB                                | Dr. Chandrasheel Bhagwat                               | MTR/2018/000102 dt. 22.03.19                 | 2018-19       |
| 421     | Exotic non abelian edge states at FQHE-superconductor interfaces microscopic modeling                                                                                                    | 30118423     | GAP/SERB/PHY-18-423        | SERB                                | Dr. Sreejigh Ganesh Jaya                               | ECR/2018/001781 dt. 19.03.19                 | 2018-19       |
| 422     | 2017 Newton Prize-India Winning Project- Advancing the Efficiency and the production Potential of excitonic solar cells (APEX)-II                                                        | 33818424     | GAP/BRUNEL UNIV/PHY-18-424 | Brunel University London            | Prof Satishchandra Ogale                               | Agreement dt. 09.05.18                       | 2018-19       |
| 423     | Computer simulations on structure and molecular transport in Ionic lequid doped polymer electrolyte membranes for high temperature fuel cell technologies                                | 30118425     | GAP/SERB/CHE-18-425        | SERB                                | Dr. Arun Venkatnathan                                  | CRG/2018/001536 dt. 28.03.19                 | 2018-19       |
| 424     | Polycationic silicon(II) and Germanium(II) centered ligands for Lewis Acid Catalysis                                                                                                     | 30118426     | GAP/SERB/CHE-18-426        | SERB                                | Dr. Moumita Majumdar                                   | CRG/2018/000988 dt. 28.03.19                 | 2018-19       |
| 425     | Derivatives pricing and portfolia optimization in Financial market models with Age dependent switching                                                                                   | 30918427     | GAP/DAE/MTH-18-427         | DAE-NBHM                            | Dr. Anindya Goswami                                    | 02011/1/2019/NBHM(RP)R&D-II/585 dt. 14.01.19 | 2018-19       |
| 426     | Indo US Virtual Networked Joint Centre project- Sustainable Materials for Energy                                                                                                         | 31018428     | GAP/IUSSTF/CHE-18-428      | IUSSTF - Other                      | Prof. K N Ganesh / Dr. Vaidhyanathan                   | IUSSTF/JC-031/2017 dt. 09.03.18              | 2018-19       |
| 427     | Crispr-Cas9 based genome editing approach to explore functions of Actin Binding proteins in zebrafish: Unravelling F-actin regulation underlying behaviour of cells, tissues and animals | 30819429     | GAP/DBT/BIO-19-429         | DBT                                 | Dr. Aurnab Ghose / Dr. Tressa Jacob                    | BT/PR26241/GET/119/244/2017 dt. 02.05.19     | 2019-20       |
| 428     | Studies on continuous Flow macrolactonization using metal catalyst towards drug and natural products                                                                                     | 30119430     | GAP/SERB/CHE-19-430        | SERB                                | Dr. B Gnanaprakasam Boopathy                           | CRG/2018/003935 dt. 09.05.2019               | 2019-20       |
| 429     | Plasmo-fluidics in k space: Raman and Mie scattering studies- Swarnajayanti Fellowship for G V Pavan Kumar                                                                               | 31219431     | GAP/DST/PHY-19-431         | DST                                 | Dr. G V Pavan Kumar                                    | DST/SJF/PSA-02/2017-18 dt. 25.06.19          | 2019-20       |
| 430     | Dispersal evolution in laboratory population of drosophila melanogaster under low nutrition conditions                                                                                   | 30119432     | GAP/SERB/BIO-19-432        | SERB                                | Dr. Sutirth Dey                                        | CRG/2018/001333 dt. 20.06.19                 | 2019-20       |
| 431     | FIST Program - ECS                                                                                                                                                                       | 30119433     | GAP/DST/ECS-19-433         | DST                                 | Dr. Prasad Subramanian                                 | SR/FST/ES-I/2018/25 dt. 28.06.19             | 2019-20       |
| 432     | VAJRA Faculty Scheme - Dr. Aditya Mohite, Rice University, Houston, USA                                                                                                                  | 30119434     | GAP/SERB/PHY-19-434        | SERB                                | Dr. Satishchandra Ogale                                | VJR/2017/000290 / 05.07.19                   | 2019-20       |
| 433     | Analysis of Gravitational Collapse using classical semi classical and stochastic Gravity -Women Scientist Scheme A WOS-A - Dr. Seema Eruch Satin                                         | 30119435     | GAP/DST/PHY-19-435         | DST / Transferred from IISER Mohali | Dr. Seema Eruch Satin                                  | SR/WOS-A/PM-100/2016 dt. 21.06.19            | 2019-20       |
| 434     | Academic Innovatioin Research (AIR) - Electro spun nanofibre based multi stimuli responsive transdermal B12 Deliver Patch                                                                | 33919436     | GAP/BIRAC/PHY-19-436       | BIRAC                               | Dr. Satishchandra Ogale                                | BT/AIR0609/PACE-16/18 dt. 18.07.2019         | 2019-20       |
| 435     | Analysis of Epithelial to Mesenchymal transaction regulation by mitochondrial morophology and metabolism in Drosophila                                                                   | 30119437     | GAP/SERB/BIO-19-437        | SERB                                | Dr. Richa Rikhy                                        | CRG/2018/003347 dt. 17.07.19                 | 2019-20       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                             | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY                          | PROJECT LEADER                                    | SANCTION NO./DATE                          | SANCTION YEAR |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|-----------------------------------------|---------------------------------------------------|--------------------------------------------|---------------|
| 436     | Uncovering mechanistic roles for the post translational modifier SUMO in early drosophila development                                                       | 30119438     | GAP/SERB/BIO-19-438    | SERB                                    | Dr. Girish Ratnaparkhi - Dr. Dipti Trivedi - NCBS | CRG/2018/001218 dt. 25.07.19               | 2019-20       |
| 437     | Developing cancer models using CRISPR-Cas9 Technique in zebrafish                                                                                           | 30819439     | GAP/DBT/BIO-19-439     | DBT                                     | Prof. Sanjeev Galande                             | BT/PR26189/GET/119/226/2017 dt. 26.07.2019 | 2019-20       |
| 438     | Biophysical and structural studies on Frzcd, a cytoplasmic methyl accepting chemosensory protein (MCP) involved in Myxococcus xanthus motility              | 30119440     | GAP/SERB/BIO-19-440    | SERB                                    | Dr. Gayathri Pananghat                            | CRG/2018/003795 dt. 29.07.2019             | 2019-20       |
| 439     | Development of cyclic saccharide Based Synthetic chloride Transporters and evaluation of their apoptosis inducing activity                                  | 30119441     | GAP/DST/CHE-19-441     | DST                                     | Dr. Pinaki Talukdar                               | DST/INT/RUS/RSF/P-24 dt. 18.07.2019        | 2019-20       |
| 440     | Single molecule biophysics using a small amplitude atomic force microscopy                                                                                  | 30119442     | GAP/DST/PHY-19-442     | DST                                     | Dr. Shivprasad Patil                              | INT/AUSTRIA/BMWF/P-08/2018 dt. 23.05.19    | 2019-20       |
| 441     | International Genetically Engineered Machines Contest (iGEM-2019) - at Massachusetts Inst of Tech (MIT) Boston USA                                          | 30119443     | GAP/DBT/BIO-19-443     | DBT                                     | Dr. Chaitanya Athale                              | BT/EB/IBEC/2019 dt. 09.09.19               | 2019-20       |
| 442     | High Performance Graphene Based Supercapacitors                                                                                                             | 30119444     | GAP/DST/CHE-19-444     | DST                                     | Dr. Nirmalya Ballav                               | DST/TMD/MES/2K18/50 (G) dt. 17.09.19       | 2019-20       |
| 443     | Room Temperature Aqueous Phase Alcohol Dehydrogenation with Electricity Generation                                                                          | 30119445     | GAP/DST/CHE-19-445     | DST                                     | Dr. Muhammed Mustafa O T                          | DST/TMD/HFC/2K18/58 dt. 13.09.19           | 2019-20       |
| 444     | Collaborative Project for Development of Science Videos                                                                                                     | 33719446     | GAP/PRATHAM/CHE-19-446 | Pratham Education Foundation            | Dr. Harinath Chakrapani                           | Agreement dt. 24.07.19                     | 2019-20       |
| 445     | Adsorption and separation of CO <sub>2</sub> by porous carbon obtained from Agro Residues through cost effective clean energy methodology                   | 30119447     | GAP/DST/CHE-19-447     | DST                                     | Dr. Sujit Kumar Ghosh                             | DST/TM/EWO/MI/CCUS/21(G3) dt. 28.09.19     | 2019-20       |
| 446     | AOARD - The Quest for magnetoelectric multilayers                                                                                                           | 32119448     | GAP/AOARD/PHY-19-448   | Asian Office of Aerospace R & D (AOARD) | Dr. Sunil Nair                                    | FA2386-19-1-4065 dt. 06.08.2019            | 2019-20       |
| 447     | Nanovesicle mediated delivery of MLN8237 to specifically target the Aurora Kinase A (AURKA)-Ra1A anchorage independence pathway in cancers                  | 34019449     | GAP/ICMR/BIO-19-449    | ICMR                                    | Dr. Nagaraj Balasubramanian                       | No. 35/03/2019-NANO/BMS dt. 20.09.2019     | 2019-20       |
| 448     | The Nature of biotic interaction and community structure of marine molluscs as a response to regional environmental triggers in a tropical island ecosystem | 30119450     | GAP/SERB/ECS-19-450    | SERB - Transfer from IISER Kolkata      | Dr. Devapriya Chattopadhyay                       | CRG/2018/002604 dt. 21.01.19               | 2019-20       |
| 449     | The Rufford Foundation Grant for Ram Mohan-29441-1 / To support Acoustics and conservation-Bats and birds in semi-arid landscapes                           | 33819451     | GAP/RUFFORD/BIO-19-451 | The Rufford Foundation                  | Ram Mohan (student of Dr. Anand Krishnan)         | Offer Letter - 29441-1 dt. 10.10.19        | 2019-20       |
| 450     | J C Bose Fellowship to Prof. Sanjeev Galande                                                                                                                | 31519452     | GAP/SERB/BIO-19-452    | SERB                                    | Prof. Sanjeev Galande                             | JCB/2019/000013 dt. 21.10.19               | 2019-20       |
| 451     | Seismic analysis of sub seafloor gas migration over an arctic methane hydrate retreat zone                                                                  | 30119453     | GAP/SERB/ECS-19-453    | SERB                                    | Dr. Sudipa Sarkar                                 | SRG/2019/001072 dt. 05.11.19               | 2019-20       |
| 452     | Stable isotopic and molecular composition of vegetation and soil organic matter across the precipitation gradient of the Western Ghats                      | 30119454     | GAP/SERB/ECS-19-454    | SERB                                    | Dr. Shreyas Managave                              | SRG/2019/001349 dt. 13.11.2019             | 2019-20       |
| 453     | Centralisers and conjugacy in algebraic group                                                                                                               | 30119455     | GAP/SERB/MTH-19-455    | SERB                                    | Dr. Anupam Kumar Singh                            | CRG/2019/000271 dt. 12.12.19               | 2019-20       |
| 454     | Design and development of organic persulfide donors                                                                                                         | 30119456     | GAP/SERB/CHE-19-456    | SERB                                    | Dr. Harinath Chakrapani                           | CRG/2019/002900 dt. 31.12.2019             | 2019-20       |
| 455     | Non linear dielectric materials based on cyclic and acyclic organo and amino P (V) motifs for energy harvesting and storage applications                    | 30119457     | GAP/SERB/CHE-19-457    | SERB                                    | Dr. R Boomi Shankar                               | CRG/2019/004615 dt. 31.12.19               | 2019-20       |
| 456     | Insights into mechanical failure of amorphous solids using colloidal suspensions                                                                            | 30119458     | GAP/SERB/PHY-19-458    | SERB                                    | Dr. VijayaKumar Chikkadi                          | SRG/2019/001922 dt. 31.12.19               | 2019-20       |
| 457     | Multi functional amino acid based biodegradable polymer scaffolds for cancer treatment                                                                      | 30119459     | GAP/SERB/CHE-19-459    | SERB                                    | Dr. M Jayakannan                                  | CRG/2019/000496 dt. 31.12.19               | 2019-20       |
| 458     | Surface ligand directed catalysis outperforming ligand poisoning in metal and semiconductor nanoparticle catalyzed reactions                                | 30119460     | GAP/SERB/CHE-19-460    | SERB                                    | Dr. Pramod Pillai                                 | CRG/219/003960 dt. 23.01.2020              | 2019-20       |
| 459     | Aspects of relativistic heavy ion collisions and quark gluon plasma                                                                                         | 30119461     | GAP/SERB/PHY-19-461    | SERB                                    | Dr. Sourabh Dube                                  | CRG/2019/000807 dt. 08.01.2020             | 2019-20       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                                      | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY         | PROJECT LEADER                                  | SANCTION NO./DATE                               | SANCTION YEAR |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|------------------------|-------------------------------------------------|-------------------------------------------------|---------------|
| 460     | Combination of Scandium triflate and diverse propargyl aryl diazoacetates as novel catalyst reagent system for the direct asymmetric site selective C-H bond functionalization an easy access to bioactive compounds | 30119462     | GAP/SERB/CHE-19-462    | SERB                   | Dr. R G Bhat                                    | CRG/2019/005753 dt. 21.01.2020                  | 2019-20       |
| 461     | GenomeIndia Cataloguing the Genetic Variation in Indians                                                                                                                                                             | 30819463     | GAP/DBT/BIO-19-463     | DBT                    | Dr. Mayurika Lahiri                             | BT/GenomeIndia/2018 dt. 16.01.20                | 2019-20       |
| 462     | Antibodies Targeting the Heparanase active site for cancer therapy                                                                                                                                                   | 30119464     | GAP/SERB/CHE-19-464    | SERB                   | Dr.Raghavendra Kikkeri                          | CRG/2019/004526 dt. 29.01.20                    | 2019-20       |
| 463     | A mechanism based approach to the biosynthesis of vitamin B2 cofactor analogs                                                                                                                                        | 30119465     | GAP/SERB/CHE-19-465    | SERB                   | Dr. Amrita Hazra                                | CRG/2019/003270 dt. 29.01.20                    | 2019-20       |
| 464     | Tautomeric ligands for metal ligation and as building blocks for conjugated macrocycles                                                                                                                              | 30119466     | GAP/SERB/CHE-19-466    | SERB                   | Dr. V G Anand                                   | CRG/2019/005046 dt. 29.01.2020                  | 2019-20       |
| 465     | CEFIPRA Research Project-62T5-1- Understanding mechanobiological basis of the evolutionary diversity in spindles dynamics of nematodes                                                                               | 31419467     | GAP/CEFIPRA/BIO-19-467 | IFCPAR-CEFIPRA         | Dr. Chaitanya Athale                            | IFC/A/62T5-1/2020/913 dt. 14.01.20              | 2019-20       |
| 466     | Investigating Magneto structural transitions using Resonant ultrasound spectroscopy                                                                                                                                  | 30119468     | GAP/SERB/PHY-19-468    | SERB                   | Dr. Sunil Nair                                  | CRG/2019/004653 dt. 31.01.20                    | 2019-20       |
| 467     | Conformational properties of block polyelectrolytes a coarse grained molecular dynamics study                                                                                                                        | 30119469     | GAP/SERB/CHE-19-469    | SERB                   | Dr. Srabanti Chaudhury                          | CRG/2019/000515 dt. 04.02.20                    | 2019-20       |
| 468     | From the Gut:Sumo cycles its way into gastrointestinal disorders - STARS                                                                                                                                             | 32519470     | GAP/MHRD/BIO-19-470    | MHRD                   | Dr. Girish Ratnaparkhi                          | STARS/APR2019/BS/730/FS dt. 31.12.2019          | 2019-20       |
| 469     | MHRD-STARS-Deciphering chemical code of Extracellular matrix in Cancer Biology                                                                                                                                       | 32519471     | GAP/MHRD/CHE-19-471    | MHRD                   | Dr. Raghavendra Kikkeri                         | STARS/APR2019/CS/426/FS dt. 31.12.2019          | 2019-20       |
| 470     | MHRD-STARS-Borophene a new entrant in flatland en route to synthetic materials design                                                                                                                                | 32519472     | GAP/MHRD/PHY-19-472    | MHRD                   | Dr. Aparna Deshpande                            | STARS/APR2019/561/FS dt. 31.12.2019             | 2019-20       |
| 471     | SERB MATRICS Grant - Certain Shape Optimization problems                                                                                                                                                             | 30119473     | GAP/SERB/MTH-19-473    | SERB                   | Dr. Anisa Chorwadwala                           | MTR/2019/001309 dt. 05.02.2020                  | 2019-20       |
| 472     | SERB MATRICS Grant - Chaos and dynamical localization in an interacting many body system with a classical limit                                                                                                      | 30119474     | GAP/SERB/PHY-19-474    | SERB                   | Dr. M S Santhanam                               | MTR/2019/001111 dt. 05.02.2020                  | 2019-20       |
| 473     | SERB-MATRICES-What is the next fundamental length scale of nature                                                                                                                                                    | 30119475     | GAP/SERB/PHY-19-475    | SERB                   | Dr. Diptimoy Ghosh                              | MTR/2019/000618 dt. 11.02.2020                  | 2019-20       |
| 474     | SERB-MATRICES- Local and global statistics for sato Tate sequences                                                                                                                                                   | 30119476     | GAP/SERB/MTH-19-476    | SERB                   | Dr. Kaneenika Sinha                             | MTR/2019/001108 dt. 17.01.2020                  | 2019-20       |
| 475     | SERB-MATRICES-Equivariant bundles over toric varieties                                                                                                                                                               | 30119477     | GAP/SERB/MTH-19-477    | SERB                   | Dr. Mainak Poddar                               | MTR/2019/001613 dt. 10.02.2020                  | 2019-20       |
| 476     | Design of structure based peptidomimetic inhibitors for P53-MDM2 Interactions A New strategy to develop cancer Therapeutics                                                                                          | 30119478     | GAP/SERB/CHE-19-478    | SERB                   | Dr. H N Gopi                                    | CRG/2019/006734 dt. 07.02.2020                  | 2019-20       |
| 477     | Understanding the cooperativity of protein folding reactions                                                                                                                                                         | 30119479     | GAP/SERB/BIO-19-479    | SERB                   | Dr. Jayant B Udgaonkar                          | CRG/2018/000837 dt. 07.02.2020                  | 2019-20       |
| 478     | Development of Metal organic frameworks (MOFs) based sensory materials for detection of environmental pollutants in water                                                                                            | 30119480     | GAP/SERB/CHE-19-480    | SERB                   | Dr. Sujit Kumar Ghosh                           | CRG/2019/000906 dt. 17.02.2020                  | 2019-20       |
| 479     | Excitonic condensed matter physics of Dipolar electron hole bilayers at the hetero interface                                                                                                                         | 30119481     | GAP/SERB/PHY-19-481    | SERB                   | Dr. Shouvik Datta                               | CRG/2019/000412 dt. 14.02.2020                  | 2019-20       |
| 480     | Quantum Information technologies with ion trap and optical lattice devices of Interdisciplinary cyber Physical Systems (ICPS) Division of DST - Cluster Proposal                                                     | 30119482     | GAP/DST/PHY-19-482     | DST                    | Dr. Umakant Rapol                               | DST/ICPS/QuST/Theme-3/2019/General dt. 24.02.20 | 2019-20       |
| 481     | Quantum Information..... Dr. T S Mahesh                                                                                                                                                                              | 30119483     | GAP/DST/PHY-19-483     | DST                    | Dr. T S Mahesh                                  | DST/ICPS/QuST/Theme-2/2019/General dt. 24.02.20 | 2019-20       |
| 482     | Mechanism of DNA translocation by NTP dependent restriction enzymes - S Ramachandran National Bioscience Award for Career Development (NBACD)-2019                                                                   | 30119484     | GAP/DBT/BIO-19-484     | DBT                    | Dr. Saikrishnan Kayarath                        | BT/HRD-NBA-NWB/38/2019-20 (3) dt. 07.02.2020    | 2019-20       |
| 483     | A Novel approach to docking and identification of prospective drug like compounds                                                                                                                                    | 30819485     | GAP/DBT/CHE-19-485     | DBT                    | Dr. Arnab Mukherjee / Co-PO-Dr. Pinaki Talukdar | BT/PR34215/AI/133/22/2019 dt. 28.02.2020        | 2019-20       |
| 484     | Tata Technologies Project - Dr. Harinath Chakrapani / Pilot Programme of India Innovation Competency Enhancement Program (IICEP)                                                                                     | 34019487     | GAP/TATA/CHE-19-487    | Tata Technologies Ltd. | Dr. Harinath Chakrapani                         | Agreement dt.                                   | 2019-20       |
| 485     | Shear banding in Complex fluids: developing a microscopic understanding using a coarse grained polymer model : SERB Matrics Grant - Dr. Apratim Chatterjee                                                           | 30119488     | GAP/SERB/PHY-19-488    | SERB                   | Dr. Apratim Chatterji                           | MTR/2019/000078 dt. 17.02.20                    | 2019-20       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                               | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY                   | PROJECT LEADER               | SANCTION NO./DATE                                           | SANCTION YEAR |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|----------------------------------|------------------------------|-------------------------------------------------------------|---------------|
| 486     | Functional Characterisation of the Novel actin interacting protein kaptin and its regulation of cytoskeleton dynamics in neurons                              | 30119489     | GAP/SERB/BIO-19-489    | SERB                             | Dr. Aurnab Ghose             | CRG/2019/001727 dt. 07.02.20                                | 2019-20       |
| 487     | Study of nonlinear equations with nonlocal operator : Women Excellence Award to Dr Mousomi Bhakta                                                             | 30119490     | GAP/SERB/MATHS-19-490  | SERB                             | Dr. Mousomi Bhakta           | WEA/2020/000005 dt. 26.03.2020                              | 2019-20       |
| 488     | UK India GTRF Grant                                                                                                                                           | 33649491     | EPSRC/PHY-20-491       | Swansea University               | Prof. Satishchandra Ogale    | Amendment dt. 6th January 2021                              | 2020-21       |
| 489     | Inorganic Organic Hybrid solids as Ion conduction membranes in Charge storage devices - MHRD STARS                                                            | 32520492     | GAP/MHRD/CHE-20-492    | MHRD                             | Dr. Vaidhyanathan Ramanathan | STARS/APR2019/CS/278/FS dt. 31.12.2019                      | 2020-21       |
| 490     | Disentangling the role of the spin mixing conductance on the spin seebeck effect - MHRD STARS                                                                 | 32520493     | GAP/MHRD/PHY-20-493    | MHRD                             | Dr. Sunil Nair               | STARS/APR2019/PS/272/FS dt. 31.12.2019                      | 2020-21       |
| 491     | Women Scientist A WOS-A - Analytical modeling of DNA drug intercalative binding mechanism                                                                     | 30120494     | GAP/DST/CHE-20-494     | DST (WOS-A)                      | Dr. Vanitha Marimuthu        | DST/WOS-A/CS-87/2019 DT. 25.02.2020                         | 2020-21       |
| 492     | Yusuf Hamied Inspirational Science Program                                                                                                                    | 33820496     | RCIF/20-496            | Royal Chemistry India Foundation | Dr. Harinath Chakrapani      | Agreement dt. 20.01.2020                                    | 2020-21       |
| 493     | MHRD-STARS - Transforming natural antimicrobial peptides into peptidomimetics to access potential antibiotics                                                 | 32520497     | GAP/MHRD/CHE-20-497    | MHRD                             | Dr. Hosahudya Gopi           | STARS/APR2019/CS/435/FS dt. 31.12.2019                      | 2020-21       |
| 494     | Real Time infectious diseases hazard map for India based on transportation networks                                                                           | 30120498     | GAP/SERB/PHY-20-498    | SERB                             | Dr. M S Santhanam            | MSC/2020/000122 dt. 09.07.2020                              | 2020-21       |
| 495     | IFCPAR-CEFIPRA res project - 6305-1 Srinivas Hotha                                                                                                            | 31420499     | GAP/IFCPAR/CHE-20-499  | IFCPAR-CEFIPRA                   | Dr. Srinivas Hotha           | 6305-1                                                      | 2020-21       |
| 496     | IFCPAR-CEFIPRA res project - 6301-1 Rabeya Basu                                                                                                               | 31420500     | GAP/IFCPAR/MTH-20-500  | IFCPAR-CEFIPRA                   | Dr. Rabeya Basu              | 6301-1                                                      | 2020-21       |
| 497     | Between open Bazaars and Enclosed Markets: New Public Market Halls of Colonial India                                                                          | 34020501     | GAP/ICHR/HSS-20-501    | ICHR                             | Dr. Pushkar Sohoni           | F.No. 1-107/2016-ICHR (GIA-III) RP dt. 25.08.20             | 2020-21       |
| 498     | Research Scientist Scheme Fellowship to Dr. Nishad Matange                                                                                                    | 30120502     | GAP/SERB/BIO-20-502    | SERB                             | Dr. Nishad Matange           | SB/SRS/2019-20/25/LS dt. 14.08.20                           | 2020-21       |
| 499     | Local probe of impurity effects in Kitaev systems (STARS-Project) Dr. Surjeet Singh                                                                           | 32520503     | GAP/MHRD/PHY-20-503    | MHRD                             | Dr. Surjeet Singh            | STARS/APR2019/PS/358/FS dt. 15.05.2020                      | 2020-21       |
| 500     | Non Abelian cryptography                                                                                                                                      | 30920504     | GAP/DAE/MTH-20-504     | DAE-NBHM                         | Dr. Ayan Mahalanobis         | 02011/4/2020/NBHM(R.P)/R&D II/6235 dt. 08.09.2020           | 2020-21       |
| 501     | Heparinoids Based Adjuvants for Flaviviruses Vaccine Development                                                                                              | 30820505     | GAP/DBT/CHE-20-505     | DBT                              | Dr. Raghavendra Kikkeri      | BT/PR34475/MED/15/210/2020 dt. 07.10.2020                   | 2020-21       |
| 502     | Aim to Build a robust supply-chain network of Indian MSMEs capable of Producing reagents                                                                      | 33820506     | GAP/CCAMP/CHE-20-506   | CCAMP                            | Dr. S G Srivatsan            | Agreement                                                   | 2020-21       |
| 503     | Creation of Technology Innovation Hubs (TIHs) under National Mission on Interdisciplinary Cyber Physical Systems (NM-ICPS)                                    | 30120507     | GAP/DST/PHY-20-507     | DST                              | Prof. Tarun Sourdeep Ghosh   | DST/NMICPS/TIH23/IISERP/2020 dt. 19.10.20                   | 2020-21       |
| 504     | BRICS Research Project-LDMHWBEATAILED-Low dimensional metal halides with broadband emission and their application in light emitting diode                     | 30120508     | GAP/DST/CHE-20-508     | DST                              | Dr. Angshuman Nag            | DST/ICD/BRICS/PilotCall3/LDMHWBEATAILED/2019 dt. 21.09.2020 | 2020-21       |
| 505     | Support for safety gears for IISER Pune's Covid 19 Testing Centre                                                                                             | 33820509     | GAP/CIPLA/BIO-20-509   | CIPLA Ltd.                       | Dr. Sanjeev Galande          | Agreement dt. 20.10.20                                      | 2020-21       |
| 506     | A Comparative study of Thermally activated delayed fluorescence (TADF) in Twisted and Planar organic molecular                                                | 30120510     | GAP/SERB/CHE-20-510    | SERB                             | Dr. Partha Hazra             | CRG/2020/000567 dt. 01.12.2020                              | 2020-21       |
| 507     | Mechanistic basis of generation of meiotic errors due to prolonged dictyate arrest                                                                            | 30120511     | GAP/SERB/BIO-20-511    | SERB                             | Dr. Mridula Nabmiar          | SRG/2020/000434 dt. 25.11.2020                              | 2020-21       |
| 508     | The Physics of Extreme Wet Bulb temperatures (PEWTER)                                                                                                         | 30120512     | GAP/SERB/ECS-20-512    | SERB                             | Dr. Joy Merwin Monterio      | SRG/2020/000062 dt. 13.11.2020                              | 2020-21       |
| 509     | Shastri Covid-19 Pandemic Response Grant (SCPRG): Call for Innovative Solutions.                                                                              | 33820516     | GAP/SHASTRI/BIO-20-516 | SHASTRI INDO CANADIAN INSTITUTE  | Dr. Chaitanya Athale         | Agreement                                                   | 2020-21       |
| 510     | Design & Synthesis of Heparan Sulphate mimetic to target Wnt signalling pathway via immunomodulation: An active anti-cancer therapy                           | 30120517     | GAP/DST/CHE-20-517     | DST-WoS-A                        | Dr. Preeti Bhoge (Chaudhary) | DST/WOS-A/CS-72/2019(G)                                     | 2020-21       |
| 511     | Modulation of Intra- and Inter-Molecular Weak $n-\pi^*$ Non-Covalent Interaction Using Gas-Phase Laser Spectroscopy                                           | 30120518     | GAP/DST/CHE-20-518     | SERB                             | Dr. Alope Das                | CRG/2020/002696 dt.16.12.20                                 | 2020-21       |
| 512     | Nanotechnological design of the non-precious metal electrocatalysts for oxygen and hydrogen involving energy conversion reactions for clean energy appliances | 30120521     | GAP/DST/PHY-20-521     | DST-WoS-A                        | Dr. Seema Verma              | SR/WoS-A/CS-12/2019 (G) dtd. 02.12.2020                     | 2020-21       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                            | DIGITAL CODE | PROJECT CODE           | FUNDING AGENCY                              | PROJECT LEADER                                    | SANCTION NO./DATE                                        | SANCTION YEAR |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------|---------------------------------------------|---------------------------------------------------|----------------------------------------------------------|---------------|
| 513     | Isomerism Directed Molecular Architectures for Electrochemical Energy Storage and Conversion Devices                                                                       | 30120522     | GAP/DST/CHE-20-522     | SERB                                        | Dr. Muhammed Mustafa O T                          | CRG/2020/002549 dtd. 08.12.2020                          | 2020-21       |
| 514     | Understanding the role of mitochondrial-associated membrane proteins (MAMs) modulated type-I interferon signaling for targeted cell death in ageing breast cancer patients | 30820524     | GAP/DBT/BIO-20/524     | DBT                                         | Dr. Siddhesh Kamat                                | BT/PR32294/MED/30/2120/2019 dt. 28.12.2020               | 2020-21       |
| 515     | Theoretical study of Full-Counting Statics of energy fluctuations for driven dissipative quantum systems-- Keldysh non equilibrium Green's Function approach?              | 30120525     | GAP/SERB/PHY-20-525    | SERB                                        | Dr. Bijay Kumar Agarwalla                         | MTR/2020/000472 dt. 11.12.20                             | 2020-21       |
| 516     | Teachers Associateship for Research Excellence (TARE) to Dr. Sambhaji Subhas Warule, Mordern Education Society Nowrojee Wadia College                                      | 30120526     | GAP/SERB/CHE-20-526    | SERB                                        | Dr. Angshuman Nag                                 | TAR/2020/000257 dt. 22.12.20                             | 2020-21       |
| 517     | Investigation of novel magnetic configurations in low dimensional triangular lattice antiferromagnet                                                                       | 33820527     | GAP/IEEE/PHY-20-527    | IEEE                                        | Dr. Dibyata Rout (Supervisor : Dr. Surjeet Singh) | Agreement dt. 13.11.2020                                 | 2020-21       |
| 518     | Advancing Climate Justice in India : the Movement from below                                                                                                               | 33820528     | GAP/UEA/BIO-20-528     | UEA                                         | Dr. Shalini Sharma                                | Agreement dt. 21.06.2020                                 | 2020-21       |
| 519     | Shimura curves at infinity                                                                                                                                                 | 30120529     | GAP/DST/MATHS-20-529   | SERB                                        | Dr. Debargha Banerjee                             | CRG/2020/000223                                          | 2020-21       |
| 520     | To uncover the molecular mechanisms of nucleoporin Nup93 and its crosstalk with the genome organizer CTCF in the spatiotemporal organization of the genome                 | 30120530     | GAP/SERB/BIO-20-530    | SERB                                        | Dr. Kundan Sepgupta                               | CRG/2020/002563                                          | 2020-21       |
| 521     | Mapping signalling pathways by bioactive Lysophosphatidylserine lipids                                                                                                     | 30120531     | GAP/DST/BIO-20-531     | SERB                                        | Dr. Siddhesh Kamat                                | CRG/2020/000023 dt. 31.12.2020                           | 2020-21       |
| 522     | Role of Carrier-Phonon Dynamics in Determining Thermoelectric Properties                                                                                                   | 30120532     | GAP/SERB/CHE-20-532    | SERB                                        | Dr. Pankaj Mandal                                 | CRG/2020/002699 dt. 17.12.2020                           | 2020-21       |
| 523     | Yang-Mills Theories : an alternate perspective                                                                                                                             | 30120533     | GAP/SERB/PHY-20-533    | SERB                                        | Dr. Sudharshan Ananth                             | MTR/2020/000073 dt. 11.12.2020                           | 2020-21       |
| 524     | Chemistry as Solid-Liquid Interface: Thin Films of Semiconducting 2D coordination Polymers                                                                                 | 30120534     | GAP/SERB/CHE-20-534    | SERB                                        | Dr. Nirmalya Ballav                               | CRG/2020/001804 dt. 10.12.2020                           | 2020-21       |
| 525     | Synthesis of Evaluation of PNA                                                                                                                                             | 33820535     |                        | Amount Transfer from IISER Tirupati         | Prof. K. N. Ganesh                                | MoA dt. 22.12.2020                                       | 2020-21       |
| 526     | NASI Senior Scientist Platinum Jubilee Fellowship to Prof Shyam Sundar Rai                                                                                                 | 32320538     | GAP/INSA/ECS-20-538    | NASI                                        | Prof. Shyam Sundar Rai                            | NASI/62/2/2021 dt. 11.02.2021                            | 2020-21       |
| 527     | Quantum thermal machines based on quantum thermodynamic principales                                                                                                        | 31820540     | GAP/SHASTRI/PHY-20-540 | Indo-Canada Shastri research grant (SICRG), | Dr. Bijay Kumar Agarwalla                         | Agreement                                                | 2020-21       |
| 528     | Tetrellyenes stabilized metal nanoparticles and their application in carbon dioxide reduction, water splitting, and organic transformations                                | 30120541     | GAP/SERB/CHE-20-541    | SERB                                        | Dr. Shabana Khan                                  | SPF/2020/000001 / 18.03.2021                             | 2020-21       |
| 529     | Molecular mechanism of ATP-dependent Type III restriction-modification enzyme PI Name                                                                                      | 30120542     | GAP/SERB/BIO-21-542    | SERB                                        | Dr. Saikrishnan Kayrat                            | CRG/2020/004061 dt.                                      | 2020-21       |
| 530     | Superfluid Spin transport in quantum antiferromagnets                                                                                                                      | 30121544     | GAP/SERB/PHY-21-544    | SERB                                        | Dr. Sunil Nair                                    | SPR/2020/000389 / 26.03.2021                             | 2021-22       |
| 531     | Nuclear quantum effects on structural properties and dynamics at metal water interfaces: Coupling QMMM and Path Integral Molecular Dynamics                                | 30121547     | GAP/DST/PHY-21-547     | DST                                         | Dr. Prasenjit Ghosh                               | DST/NSM/R&D_HPC_Applications/2021/03.36 / 23.03.2021     | 2021-22       |
| 532     | AOARD 21IOA022 - Integrating Organic Quantum Dots into Covalent Organic Frameworks to make Lightweight, Flexible, conducting Polymers                                      | 32121549     | GAP/AOARD/CHE-21-549   | Asian Office of Aerospace R & D (AOARD)     | Dr. Vaidhyanathan Ramanathan                      | Agreement dt. 06.04.2021                                 | 2021-22       |
| 533     | Mechanism Based Inhibitors of 3-Mercaptopyruvate sulfur Transferase (National Bioscience Award for Career Development 2020-21)                                             | 30821550     | GAP/DBT/CHE-21-550     | DBT-NBA                                     | Dr. Harinath Chakrapani                           | BH/HRD/NBM-NWB/39/2020-21 (5) dt. 01.07.2021             | 2021-22       |
| 534     | Investigating the role of Trithorax group (TrxG) proteins in potato tuber development                                                                                      | 30821551     | GAP/DBT/BIO-21-551     | DBT                                         | Dr. Anjan Banerjee                                | HRD-16012/7/2021-AFS-DBT dt. 17.08.2021                  | 2021-22       |
| 535     | Publication of Physics Education Journal                                                                                                                                   | 30921552     | GAP/DAE/PHY-21-552     | DAE-BRNS                                    | Dr. Sourabh Dube                                  | 44(03)/01/2021-BRNS/10211 DT. 14.06.2021                 | 2021-22       |
| 536     | INSPIRE Faculty Award - Dr. Haripada Sau                                                                                                                                   | 31821553     | GAP/DST-INSPIRE-21-553 | DST-INSPIRE                                 | Dr. Haripada Sau                                  | DST/INSPIRE/FACULTY AWARD/Instal-Rel/2020 dt. 29.05.2020 | 2021-22       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                         | DIGITAL CODE | PROJECT CODE                | FUNDING AGENCY                          | PROJECT LEADER                                                                | SANCTION NO./DATE                                               | SANCTION YEAR |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------|-----------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------|---------------|
| 537     | Role and regulation of stress-induced autophagy in proteostasis mechanisms underlying artemisinin resistance                                                                                            | 30821554     | GAP/DBT/BIO-21-554          | DBT                                     | Dr. Krishanpal Karmodiya                                                      | BT/PR41408/MED/29/1547/2020 dt. 19.08.2021                      | 2021-22       |
| 538     | Raja Ramanna Fellowship to Prof. Shyam Sundar Rai                                                                                                                                                       | 30921556     | GAP/DAE/ECS-21-556          | DAE - Other                             | Prof. Shyam Sundar Rai                                                        | 1003/2/2021/RRF/R&D-II/10790 dt. 14.09.2021                     | 2021-22       |
| 539     | AOARD 21IOA051 - Investigating magnetoelectric multilayers using nonlinear dielectric & magnetic susceptibilities                                                                                       | 32121557     | GAP/AOARD/PHY-21-557        | Asian Office of Aerospace R & D (AOARD) | Dr. Sunil Nair                                                                | Agreement dt. 06.08.2021                                        | 2021-22       |
| 540     | Engineering a site-specific synthetic chromatin remodeler for genome editing and gene expression                                                                                                        | 30121558     | GAP/SERB/BIO-21-558         | SERB                                    | Dr. Saikrishnan Kayrat                                                        | SPR/2020/000427 dt. 31.08.2021                                  | 2021-22       |
| 541     | COVID-19 : the second wave and beyond. Enhanced viral surveillance by viral genome sequencing to better track SARS-CoV-2 today and monitor future threats tomorrow                                      | 33821559     | GAP/RF/BIO-21-559           | CCMB-Rockefeller Foundation             | Dr. Arnab Ghose (PI), Dr. Krishanpal Karmodiya & Prof. LS Shashidhara (Co-PI) | Agreement 18.08.2021                                            | 2021-22       |
| 542     | Dissection of signalling mechanisms that couple flagella biogenesis to cytokinesis in bacteria                                                                                                          | 30821561     | GAP/DBT/BIO-21-561          | DBT                                     | Dr. Sunish Kumar Radhakrishnan (PI) & Dr. Gayathri Pananghat (Co-PI)          | BT/PR34377/BRB/10/1828/2019 dt. 29.09.2021                      | 2021-22       |
| 543     | Using machine learning to identify and interpret disease-relevant non-protein-coding sequence variation                                                                                                 | 30821562     | GAP/DBT/MATHS-DSC/21-562    | DBT                                     | Dr. Leelavati Naralikar                                                       | BT/BMBF-Bio-HR/LN/2018-19 dt. 03.11.2021                        | 2021-22       |
| 544     | Size matters: Predicting Personalized risk of SGA                                                                                                                                                       | 33921563     | GAP/BIRAC/MATHS-DSC-21-563  | BIRAC                                   | Dr. Leelavati Naralikar                                                       | BT/KI-Data 0404/06/18 dt. 10.08.2021                            | 2021-22       |
| 545     | Stability and Dynamics of Microbial Communities : A Simulation Study                                                                                                                                    | 30121565     | GAP/SERB/BIO-21-565         | SERB                                    | Dr. Sutirth Dey                                                               | STR/2021/000021 dt. 23.12.2021                                  | 2021-22       |
| 546     | Molecular ferroelectrics for energy and electronic applications                                                                                                                                         | 30121566     | GAP/SERB/CHE-21-566         | SERB                                    | Dr. R Boomi Shankar                                                           | STR/2021/000016 dt. 23.12.2021                                  | 2021-22       |
| 547     | Highly Conjugated Covalent Organic Framework Capped Bimetallic Nanoclusters as Synergetic Oxy-sorbent - Sorbents with Optimal Thermodynamics and Kinetics for O <sub>2</sub> /N <sub>2</sub> Separation | 30121567     | GAP/SERB/CHE-21-567         | SERB                                    | Dr. Vaidhyanathan Ramanathan                                                  | CRG/2021/008250 dt.                                             | 2021-22       |
| 548     | Genomic Surveillance for SARS-CoV-2 in India: Indian SARS-CoV-2 Genomics Consortium (INSACOG)                                                                                                           | 30821570     | GAP/DBT-INSACOG/BIO-21-570  | DBT - INSACOG                           | Dr. Krishanpal Karmodiya-PI, Dr. Sanjeev Galande & Dr. Aurnab Ghose-Co-PI     | RAD-22017/28/2020-KGD-DBT-Pt.(1) dt. 14.01.2022                 | 2021-22       |
| 549     | Tracing Archean oceanic conditions using chemistry of Banded iron formations                                                                                                                            | 30121571     | GAP/SERB/ECS-21-571         | SERB                                    | Dr. Gyana Ranjan Tripathy                                                     | CRG/2021/006009 dt. 11.01.2022                                  | 2021-22       |
| 550     | CRISPR-Cas9 based genome editing use to generate a drosophila model of Familial Amyotrophic Lateral Sclerosis                                                                                           | 34021573     | GAP/ICMR/BIO-21-573         | ICMR                                    | Dr. Girish Ratnaparkhi                                                        | 5/4-5/ad-hoc/Neuro/213/2020-NCD-I dt. 23.09.2021                | 2021-22       |
| 551     | Radical Strategies for C-C, C-B Bond Formation using Organoboron and Organosilicon Reagents                                                                                                             | 30521574     | GAP/CSIR/CHE-21-574         | CSIR                                    | Dr. Moumita Majumdar                                                          | 01(3026)/21/EMR-II dt. 12.08.2021                               | 2021-22       |
| 552     | Exploring novel endogenous promoters and signal peptides of moss to drive target expression in physcomitrella patens under photo-bioreactor conditions                                                  | 30521577     | GAP/CSIR/BIO-21-577         | CSIR                                    | Dr. Anjan Banerjee                                                            | 38(1509)/21/EMR-II dt. 22.06.2021                               | 2021-22       |
| 553     | How inflammation predisposes to tumor retention by altering epithelial mechanics                                                                                                                        | 33821578     | GAP/UQ/BIO-21-578           | The University of Queensland            | Dr. Raghav Rajan                                                              | Agreement dt. 09.12.2022                                        | 2021-22       |
| 554     | Study of the Narasimhan-Simha type metrics on domains in C <sup>n</sup>                                                                                                                                 | 30121580     | GAP/SERB/MAT-21-580         | SERB                                    | Dr. Diganta Borah                                                             | MTR/2021/000377 dt. 17.02.2022                                  | 2021-22       |
| 555     | Study of the squeezing function and the volume elements on domains in C <sup>n</sup>                                                                                                                    | 30121582     | GAP/SERB/MAT-21-582         | SERB                                    | Dr. Diganta Borah                                                             | CRG/2021/005884 dt. 21.02.2022                                  | 2021-22       |
| 556     | Observational Study on Long-term Immunogenicity of COVID-19 vaccines in vaccine-naïve seronegative and seropositive participants                                                                        | 33721583     | GAP/IUCAA/BIO-21-583        | IUCAA                                   | Dr. Aurnab Ghose                                                              |                                                                 | 2021-22       |
| 557     | Teachers Associateship for Research Excellence (TARE) to Yogesh Ramchandra Kulkarni, Gharda Institute of Technology, Ratnagiri.                                                                         | 30121585     | GAP/SERB/ECS-21-585         | SERB                                    | Dr. Gyana Ranjan Tripathy                                                     | TAR/2021/000063 dt. 24.02.2022                                  | 2021-22       |
| 558     | INSPIRE Faculty Award - Dr. Divyang G. Bhimani                                                                                                                                                          | 31821586     | GAP/DST-INSPIRE/MATH-21-586 | DST-INSPIRE                             | Dr. Divyang Bhimani                                                           | DST/ INSPIRE Faculty Fellowship /Instal-Rel/2020 dt. 07.12.2020 | 2021-22       |
| 559     | Combinatorial games on random rooted trees and random graphs                                                                                                                                            | 30121587     | GAP/SERB/MAT-21-587         | SERB                                    | Dr. Moumanti Podder                                                           | CRG/2021/006785 dt. 03.03.2022                                  | 2021-22       |
| 560     | Synthesis and characterization of “defective” half-Heusler alloys for thermoelectric applications                                                                                                       | 30121588     | GAP/SERB/PHY-21-588         | SERB                                    | Dr. Surjeet Singh                                                             | CRG/2021/005804 dt. 12.03.2021                                  | 2021-22       |
| 561     | Tuning optoelectronic properties of 2D materials through dielectric engineering for device applications                                                                                                 | 30121590     | GAP/SERB/PHY-21-590         | SERB                                    | Dr. Atikur Rahman                                                             | CRG/2021/005659 dt. 12.03.2021                                  | 2021-22       |

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| SR. NO. | NAME OF PROJECT                                                                                                                                                                                          | DIGITAL CODE | PROJECT CODE                    | FUNDING AGENCY                              | PROJECT LEADER                                                            | SANCTION NO./DATE                                   | SANCTION YEAR |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------------------------|---------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------|---------------|
| 562     | Exploring the multi-level (phasiRNA, StSP6A and photoperiod) regulation of StGA2oxl, a key tuberization gene in potato                                                                                   | 30121591     | GAP/SERB/BIO-21-591             | SERB                                        | Dr. Anjan Banerjee                                                        | CRG/2021/002283 dt. 10.03.2021                      | 2021-22       |
| 563     | From the Metropole to the Colonies: A Comparative Study of the Centre-Periphery Networks of Science and Higher Education in India and Taiwan                                                             | 33821594     | GAP/ICSSR/HSS-21-594            | Others - ICSSR                              | Dr. Pushkar Sohoni                                                        | ICSSR-MOST (Taiwan)/JRP-3/2022-IC dt. 22.12.2021    | 2021-22       |
| 564     | NASI Senior Scientist Platinum Jubilee Fellowship to Prof Deepak Dhar                                                                                                                                    | 34122596     | GAP/NASI/PHY-22-596             | NASI                                        | Dr. Deepak Dhar                                                           | Letter No. 13.05.2022                               | 2022-23       |
| 565     | VAJRA Faculty Scheme - Dr. Geeta Nariikar, University of California, San Francisco USA                                                                                                                   | 30122599     | GAP/SERB/BIO-22-599             | SERB                                        | Dr. Sanjeev Galande                                                       | VJR/2019/000002 dt. 03.06.2022                      | 2022-23       |
| 566     | VAJRA Faculty Scheme - Dr. Dieter Suter, Technical University of Dortmund, Germany                                                                                                                       | 30122600     | GAP/SERB/PHY-22-600             | SERB                                        | Dr. T.S. Mahesh                                                           | VJR/2018/000113 dt. 03.06.2022                      | 2022-23       |
| 567     | Rapid, Low-Diagnostics and Deployable Surge Capacity for COVID-19                                                                                                                                        | 33822602     | GAP/IDRC/BIO-22-602             | University of Toronto                       | Dr. Chaitanya Athale                                                      | Collaboration Agreement No. Fund : 508514-Subgrant6 | 2021-22       |
| 568     | Soft-Colloids on Plasmonic Surfaces: Optothermal Trapping and Assembly                                                                                                                                   | 32122606     | GAP/AOARD/PHY-22-606            | Asian Office of Aerospace R & D (AOARD)     | Dr. G V Pavan Kumar                                                       | FA2386-22-1-4017 dt. 28.04.2022                     | 2022-23       |
| 569     | Harnessing the potential of global regulator SATB1 as a novel molecular target for cancer therapy using statins                                                                                          | 30822610     | GAP/DBT/BIO-22-610              | DBT                                         | Dr. Sanjeev Galande                                                       | BT/ATGC/127/SP39484/2020 dt. 08.03.2022             | 2022-23       |
| 570     | Exploratory single crystal growth of new topological materials                                                                                                                                           | 30122619     | GAP/DST/PHY-22-619              | DST (WOS-A) Kiran Division                  | Dr. Luminita Harnagea                                                     | DST/WOS-A/PM-83/2021 (G) dt. 30.12.2022             | 2022-23       |
| 571     | INSPIRE Faculty Award - Dr. Prafullkumar Tale                                                                                                                                                            | 31822621     | GAP/DST-INSPIRE-22-621          | DST-INSPIRE                                 | Dr. Prafullkumar Tale                                                     | DST/INSPIRE/04/2021/003110 dt. 05.07.2022           | 2022-23       |
| 572     | The Rufford Foundation Grant for Akashdeep Roy - 38166-1 / To support understanding the construction of human-wildlife conflict through a political ecology framework in the North Bengal Region , India | 33822627     | GAP/RUFFORD/HSS-22-627          | The Rufford Foundation                      | Akashdeep Roy (student of Dr. Pushkar Sohoni )                            | Offer Letter - 38166-1 dt. 13.01.23                 | 2022-23       |
| 573     | Wellcome Trust / DBT India Alliance - Dr. Vandana Gambhir                                                                                                                                                | 30722632     | GAP/Wellcome Trust/Admin-22-632 | Wellcome Trust - DBT India Alliance - Other | Dr. Vandana Gambhir                                                       | IA/RMG/21/1/730022 dt. 22.12.2022                   | 2022-23       |
| 574     | Genomic Surveillance for SARS-CoV-2 In India: Indian SARS-CoV-2 Genomics Consortium (INSACOG)-Phase II                                                                                                   | 30822638     | GAP/DBT-INSACOG/BIO-22-638      | DBT - INSACOG                               | Dr. Krishanpal Karmodiya-PI, Dr. Sanjeev Galande & Dr. Aurnab Ghose-Co-PI | RAD-22017/19/2022-KGD-DBT dt. 29.12.2023            | 2022-23       |
| 575     | Towards an evidence-based regimen for treating extra-Pulmonary Tuberculosis (EPTB)                                                                                                                       | 30823642     | GAP/DBT/BIO-23-642              | DBT                                         | Dr. Siddhesh Kamat                                                        | BT/PR45467/MED/29/1617/2022 dt. 28.03.2023          | 2023-24       |
| 576     | AOARD 23IOA037 - Anchoring Ionic Polymers into COF to Develop Conducting Ionic-Sponges for Charge Storage                                                                                                | 32123645     | GAP/AOARD/CHE-23-645            | AOARD                                       | Dr. Vaidhyanathan Ramanathan                                              | Agreement dt. 07.06.2023                            | 2023-24       |
| 577     | Teachers Associateship for Research Excellence (TARE)                                                                                                                                                    | 31223646     | GAP/SERB/PHY-23-646             | SERB                                        | Dr. Biplab Bag, Amity University Jharkhand (Mentor - Dr. Sunil Nair)      | TAR/20200/000563 dt. 11.05.2023                     | 2023-24       |
| 578     | Designing and Analyzing quantum materials using optimized algorithms on analogue and digital quantum computers                                                                                           | 33823651     | GAP/UoN/PHY-23-651              | University of Nottingham                    | Dr. Rejish Nath                                                           | Contract No. IND/CONT/G/22-23/26 dated 18.12.2022   | 2023-24       |
| 579     | Synthesis of heparan sulfate-laminin glycopeptides to decipher basement membrane code in cancer cells metastasis                                                                                         | 30523653     | GAP/CSIR/CHE-23-653             | CSIR                                        | Dr. Raghavendra Kikkeri                                                   | 02[0408]/21/EMR-II dt. 15.09.2022                   | 2023-24       |
| 580     | Internationalising Higher Education in Science Journalism and Science Communication                                                                                                                      | 33823662     | GAP/UWE/BIO-23-662              | University of The West of England           | Dr. Shalini Sharma                                                        | Agreement dt. 08.06.2023                            | 2023-24       |
| 581     | AOARD 23IOA046 - Investigating Emergent Inductance in Strongly Correlated Oxides                                                                                                                         | 32123671     | GAP/AOARD/PHY-23-671            | Asian Office of Aerospace R & D (AOARD)     | Dr. Sunil Nair                                                            | FA2386-23-1-4046 dt. 11.08.2023                     | 2023-24       |
| 582     | Theory and computation of option price & optimal portfolio under regime switching market models                                                                                                          | 30123672     | GAP/DST/MTH-23-672              | DST                                         | Dr. Anindya Goswami                                                       | DST/INT/DAAD/P-12/2020 (G) dt. 21.12.2022           | 2023-24       |