



वैज्ञानिक और नवीकृत अनुसंधान अकादमी
ACADEMY OF SCIENTIFIC AND INNOVATIVE RESEARCH

Headquarters मुख्यालय:

Training & Development Complex, प्रशिक्षण और विकास केंद्र,
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CSIR-Central Road Research Institute, सीएसआईआर-केन्द्रीय सड़क अनुसंधान संस्थान,
Delhi-Mathura Road, CRRI P.O., दिल्ली-मथुरा रोड़, सीआरआरआई डाक घर,
New Delhi नई दिल्ली-110 025, INDIA भारत

Ph.D Notification

No. AcSIR/7/10(1)-2017

Dated: April 3, 2017

It is hereby notified that the Chairman, Senate, in anticipation of the ratification by the Senate, AcSIR, has accepted the thesis submitted by the students (Annexure) and declared them eligible for the award of the Degree of 'Doctor of Philosophy' of the Academy of Scientific and Innovative Research in the month of March 2017. The degree will be awarded at the Convocation of the Academy. The relevant details are indicated in the annexure.

Enclosure: List of 47 doctoral students

By order of the Director

Senior Manager, AcSIR

Copy to:

1. The Deans of AcSIR
2. The Associate Deans of AcSIR
3. Students
4. The Registrars of all Institutions of National Importance
5. The Secretary, Association of Indian Universities, AIU House, 16-Kotla Marg, New Delhi for University News
6. The Head, Human Resource Development Group, CSIR, CSIR Complex, Pusa, New Delhi
7. The Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi
8. The Indian Science Abstracts, National Institute of Science Communication and Information Resources (NISCAIR), 14 Satsang Vihar Marg, New Delhi- 110067

Ms. Arpita Sengupta

Senior Manager

Academy of Scientific & Innovative Research (AcSIR)

Coordination Office : CSIR-CRRI, CRRI P. O.

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Annexure to Ph.D Notification for the month of March 2017

Sl. No.	Registration Number	Name	Faculty	Session	Advisor	Thesis Title	Date of Viva Voce	Date of Acceptance by the Chairman, Senate
1	10BB11J26117	Mr. Aseem Palande	Biological Sciences	Jan-11	Dr. Mukund V. Deshpande (Supervisor)/ Dr. Ashok P. Giri (Co-Supervisor)	Dimorphism and alkane degradation in <i>Yarrowia lipolytica</i>	07.02.2017	07.03.2017
2	10BB12A08002	Ms. Bavisetty Sri Charan Bindu	Biological Sciences	Aug-12	Dr. Bhaskar N	Antivirulent and cytoprotective effects of squalene and related mechanistic studies	07.02.2017	07.03.2017
3	10PP11A32006	Mr. Vishal Bharti	Physical Sciences	Aug-11	Dr. Vinay Gupta (Supervisor)/ Dr. Suresh Chand (Co-Supervisor)	Efficient Ternary Blend Bulk Heterojunction Organic Solar Cells With Forster Resonance Energy Transfer	08.02.2017	07.03.2017
4	10BB12J22007	Ms. Pallavi Singh	Biological Sciences	Jan-12	Dr. D. KAR CHOWDHURI	Studies on the role of sestrin in environmental chemical induced cellular adversities in <i>Drosophila melanogaster</i> .	23.02.2017	07.03.2017
5	10BB12A02019	Mr. Shashank Shivaji Kamble	Biological Sciences	Aug-12	Dr. Yogendra Singh (Supervisor)/ Dr. Anurag Agrawal (Co-Supervisor)	Crosstalk between calcium signaling and cellular autophagy during tuberculosis.	23.02.2017	07.03.2017
6	10BB13A04011	Ms. Neetu Singh	Biological Sciences	Aug-13	Dr. Kashif Hanif	A study on the role of fatty acid synthase in pulmonary hypertension and its associated dysfunctions	28.02.2017	07.03.2017
7	10BB13A04018	Ms. Seema Singh	Biological Sciences	Aug-13	Dr. Shubha Shukla	Understanding the NMDAR antagonist induced behavioral and neurochemical changes in mice mimicking psychosis	01.03.2017	07.03.2017

8	10CC12J19005	Mr. Rajib Kumar Singha	Chemical Sciences	Jan-12	Dr. Rajaram Bal	Activation of Methane over Nanostructured Catalysts	13.02.2017	08.03.2017
9	10CC12J26001	Mr. Kishore Handore	Chemical Sciences	Jan-12	Dr. D. Srinivasa Reddy	Total Synthesis and Biological Evaluation of Hydrindane and Decalin based Natural Products: Peribysin E, Nardoaristolone B, Nootkatone, Botryosphaeridione and their Analogues	20.02.2017	08.03.2017
10	10CC11J36008	Mr. Kamal Kanta Nanda	Chemical Sciences	Jan-11	Dr. Yatendra S. Chaudhary	Design and development of hetero-structured photocatalyst and their application in solar hydrogen generation	22.02.2017	08.03.2017
11	10BB11A33001	Ms. Parul Goel	Biological Sciences	Aug-11	Dr. Anil K. Singh	Understanding Physiological and Molecular Responses of Brassica juncea under Nitrate Limiting Conditions	29.12.2016	08.03.2017
12	32EE12A01003	Mr. Anindya pain	Engineering Sciences	Aug-12	Prof. Deepankar Choudhury (Supervisor)/ Prof. S. K. Bhattacharyya; Dr. Pradeep Kumar (Co-Supervisor)	Modified Pseudo-dynamic Method for of Seismic Earth Pressures and Associated Problems	02.03.2017	08.03.2017
13	10BB12J25018	Ms. Aarti Kumari	Biological Sciences	Jan-12	Dr. Puneet Singh Chauhan (Supervisor)/ Dr. S K Raj (Co-Supervisor)	Molecular detection, characterization of viruses in Canna spp. and development of virus-free canna plants	21.02.2017	10.03.2017
14	10BB11A22001	Mr. Girish Rai	Biological Sciences	Aug-11	Prof. Yogeshwer Shukla (Supervisor)/ Dr. Satyakam Patnaik (Co-Supervisor)	Combinatorial anticancer effects of Resveratrol and selected chemotherapeutic drugs in breast cancer	06.03.2017	10.03.2017
15	10CC12A18014	Ms. Tejaswi Jella	Chemical Sciences	Aug-12	Dr. L. Giribabu	Exploration of Heteroleptic and Cyclometalated Ruthenium complexes for Dye-Sensitized Solar Cell Application	19.01.2017	16.03.2017

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16	10CC11A26044	Mr. Seetharamsing Balamkundu	Chemical Sciences	Aug-11	Dr. D. Srinivasa Reddy	Synthesis of Polyol Natural Products Mycalols, Sch-725674, Gliomasolides and their Analogues and Design, Synthesis and Identification of Silicon Incorporated Oxazolidinone Antibiotics with Improved Brain Exposure	10.02.2017	16.03.2017
17	10CC12J05008	Mr. Vinesh T.V	Chemical Sciences	Jan-12	Dr. Subbiah Alwarappan	Development of noble metal-free electrocatalysts for oxygen reduction reaction and water splitting	10.02.2017	16.03.2017
18	10CC12J26034	Mr. Hridesh Agarwalla	Chemical Sciences	Jan-12	Prof. Amitava Das	Design and Synthesis of Molecular Probes for Biological and Environmental Significant Ions	15.02.2017	16.03.2017
19	10CC13J26025	Mr. Sandip Govind Agalave	Chemical Sciences	Jan-13	Dr. (Mrs.) Vandana S. Pore	Design and Synthesis of 1,2,3-triazole based antifungal agents, bile acid based dendrimers and their biological evaluation	17.02.2017	16.03.2017
20	10BB12A02033	Ms. Ritika Grover	Biological Sciences	Aug-12	Dr. Vivek T Natarajan	Characterisation of Myg1: A Novel Exonuclease involved in RNA processing.	21.02.2017	16.03.2017
21	10CC11J18068	Ms. Swetha Alladi	Chemical Sciences	Jan-11	Dr. H. M. Meshram	Development of Novel Methodologies for the Synthesis of Oxindole and Indole Scaffolds	22.02.2017	16.03.2017
22	10CC11J26084	Mr. Nagnath Patil	Chemical Sciences	Jan-11	Dr. Ashootosh V. Ambade	Synthesis and self-assembly of stimuli-responsive biocompatible two-tailed dendritic polymers	22.02.2017	16.03.2017
23	10BB12A02014	Mr. Anupam Kumar Mondal	Biological Sciences	Aug-12	Dr. Debasis Dash	Exploring the genomic differences in Pulmonary and Extra Pulmonary isolates of <i>Mycobacterium tuberculosis</i>	27.02.2017	16.03.2017
24	10CC13J16009	Mr. Jai Prakash Chaudhary	Chemical Sciences	Jan-13	Dr. Ramavatar Meena	Synthesis of Biopolymer Based Sustainable Materials For Advanced Applications	01.03.2017	16.03.2017

25	10CC13J16008	Ms. Chumki Charan	Chemical Sciences	Jan-13	Dr. Vinod K Shahi	Studies on Polymer-Metal Oxide Nano-composite based Electrochemical Biosensors	07.03.2017	16.03.2017
26	10BB12J04013	Mr. Sharat Chandra	Biological Sciences	Jan-12	Dr. M I Siddiqi	Molecular Modeling and Cheminformatics studies on selected protein drug targets involved in Type 2 Diabetes	09.03.2017	16.03.2017
27	10BB11J26111	Ms. Dimpal Amol Nyayanit	Biological Sciences	Jan-11	Dr. Chetan Gadgil	Biogenesis of microRNA and its effect on target gene expression	23.02.2017	20.03.2017
28	10CC11J26096	Ms. Chayanika Das	Chemical Sciences	Jan-11	Dr. KOTHANDAM KRISHNAMOORTHY	Surface Modified Substrates for Molecular Separation and Energy Storage	23.02.2017	20.03.2017
29	10BB13A26040	Ms. Uma Kumari	Biological Sciences	Aug-13	Dr. U. J. Mehta (Supervisor)/ Dr. B. M. Khan (Co-Supervisor)	Molecular and Biochemical studies of mevalonate kinase from <i>Bacopa monniera</i>	28.02.2017	20.03.2017
30	10CC11A26038	Mr. Nookaraju Ummidisetti	Chemical Sciences	Aug-11	Dr. Pradeep Kumar	Studies directed towards the synthesis of polyketides, lactones, mono acetogenins and development of new methodologies involving C-S and C-N bond formations	03.03.2017	20.03.2017
31	10PP13J32005	Ms. Munu Borah	Physical Sciences	Jan-13	Dr. S. R. Dhakate	Synthesis of Single Layer Graphene by Chemical Vapour Deposition Using Low Purity Substrate	08.03.2017	20.03.2017
32	10CC13A26021	Mr. Satyawan D. Nagane	Chemical Sciences	Aug-13	Dr. CHANDRASHEKHAR RODE (Supervisor)/ Dr. SATISHCHANDRA OGALE (Co-Supervisor)	DESIGN AND SYNTHESIS OF ORGANIC DYES AND HYBRID PEROVSKITES FOR SOLAR CELLS AND OPTO-ELECTRONIC APPLICATIONS	08.03.2017	20.03.2017
33	10PP14A32013	Mr. Pradip Sambyal	Physical Sciences	Aug-14	Dr. S. K. Dhawan	Designing of Conducting Polymers & its Composites for Application in Corrosion Protection	09.03.2017	20.03.2017

34	10BB12A18065	Mr. C Nagandrenatha Reddy	Biological Sciences	Aug-12	Dr S. VENKATA MOHAN	ADVANCED BIOSYSTEMS FOR SUSTAINABLE REMEDIATION OF AZO DYE BASED WASTEWATER EMBEDDED WITH RESOURCE RECOVERY	10.03.2017	20.03.2017
35	10CC11J37017	Mr. Anil Kumar Pagadala	Chemical Sciences	Jan-11	Dr. Qazi Naveed Ahmed	Development of Different Exigent Carbon Hetero Bonds Employing Aldehydes & Acids and Medicinal Chemistry of T0901317 for the Generation of P-glycoprotein inducer	06.02.2017	23.03.2017
36	10CC12A26035	Ms. Sonali Bhosale	Chemical Sciences	Aug-12	Dr. N. N. Chavan	Synthesis, Evaluation and Applications of Hydrogen-Bond Acidic Polymers	20.01.2017	23.03.2017
37	10CC12A39008	Mr. Bejoy Mohan Das K.S.	Chemical Sciences	Aug-12	Dr. M. L. P. Reddy	Design and development of novel phosphorescent iridium(III) complexes for lighting and sensing applications	15.03.2017	23.03.2017
38	10CC11A39006	Mr. George T. M	Chemical Sciences	Aug-11	Dr. M. L. P. Reddy	Synthesis, characterization and photoluminescence properties of lanthanide β -diketonate complexes	15.03.2017	23.03.2017
39	10CC11A39001	Ms. Usha Gangan	Chemical Sciences	Aug-11	Dr. M. L. P. Reddy	Visible light excitable Eu ³⁺ - β -diketonate complexes: Synthesis, characterization, and photophysical properties	16.03.2017	23.03.2017
40	10CC11A33012	Ms. Saima	Chemical Sciences	Aug-11	Dr. Arun K Sinha	Green Approaches Towards Formation of S-S and C-X (X=S, N) Bonds and their Application in Synthesis of Bioactive Molecules	20.03.2017	23.03.2017
41	10PP12J32007	Mr. Om Pal Singh	Physical Sciences	Jan-12	Dr. Vidya Nand Singh	Effect of sodium on optical, structural, morphological and electronic properties of Cu ₂ ZnSn(S/Se) ₄ thin films for electronic device applications	14.03.2017	27.03.2017

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42	10BB12A36004	Ms. Jyotsnarani Jena	Biological Sciences	Aug-12	Dr. Trupti Das	Biological nutrient removal from high strength waste water in sequential batch reactor	15.03.2017	27.03.2017
43	10PP13A06001	Mr. Sandeep Kumar Vyas	Physical Sciences	Aug-13	Dr. S. Maurya (Supervisor)/ Dr. V. V. P. Singh (Co-Supervisor)	Study of efficiency enhancement in high power microwave magnetron	15.03.2017	27.03.2017
44	10PP13J28005	Mr. Rajeev Kumar Yadav	Physical Sciences	Jan-13	Dr. Vineet Kumar Gahalaut	Strain Budget and Seismotectonics of Northwest Himalaya using GPS measurements	16.03.2017	27.03.2017
45	10CC13J16004	Mr. Chandrakant Mukesh	Chemical Sciences	Jan-13	Dr. Kamalesh Prasad	Studies on the performance of ionic liquids and their analogues towards dissolution and structural transformations of biopolymers	07.03.2017	31.03.2017
46	32EE12J19012	Mr. Anand Mohit	Engineering Sciences	Jan-12	Dr. A. K. Sinha	Hydroprocessing Route to Renewable Transportation Fuels from Plant Lipids	14.03.2017	31.03.2017
47	10BB12J22002	Ms. Sushma	Biological Sciences	Jan-12	Dr. Iqbal Ahmad	Cellular and biochemical studies on the safety evaluation of micro- and nano-scale quartz mineral particles	23.03.2017	31.03.2017