



TO WHOMSOEVER IT MAY CONCERN

We hereby certify that we have verified the below mentioned figures from the records of Amity University Haryana, and below mentioned figures are found to be True and Correct to the best of our understanding and knowledge, as per record provided to us.

Grants for Research Projects Sponsored by the Government Sources during the Last Five Years:

(Amount in Lakhs)

Years/Details	2018-19	2017-18	2016-17	2015-16	2014-15
Grants for Research Projects Sponsored by the Government Sources during the Last Five Years:	701.221	290.27	460.92	46.18	66.8

This Certificate is issued to Amity University Haryana for the submission to National Assessment & Accreditation Council.

For ALOK MITTAL & ASSOCIATES

Firm Reg. No. – 005717N

CHARTERED ACCOUNTANTS


(ALOK MITTAL)

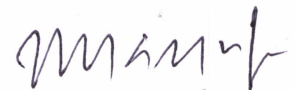
PARTNER

M.No. 071205

Place: New Delhi

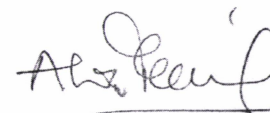

Date: 01/07/2021

UDIN: 21071205AAAARI6551


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3.2.2 Grants for research projects sponsored by the government sources during the last five years (INR in Lakhs)

S.No	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co Investigator	Department of Principal Investigator/ Co Investigator	Year of Award	Sanctioned Grants	Duration of the project	Funding Agency
1	Kinetic Theory of Electrostatic Waves in Dusty	Dr. Jyotsna Sharma	Faculty of Science Engineering / Amity School of Applied Science	2018-19	11.08	3 Year	DST(SERB) Government of India
2	Alternate splicing in clinical drug resistance in pathogenic candida.	PI- Prof. Rajendra Prasad Co-PI Dr. Ravi Dutta Sharma & Dr. Alok Kr. Mandal (JNU)	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	24.7	3 Year	DST(EMR) Government of India
3	Combating topical & medical device related fungal infections using engineered Anti-fungal hydrogels	PI Dr. Avinash Bajaj (RCB) Co - PI Prof. Rajendra Prasad & Dr. Ujjaini Dasgupta	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	81.56	3 Year	DBT Government of India
4	Unravelling the links between Bioenergetics caonstraints,cell wall integrity and multidrug resistance in fungi.	Prof. Rajendra Prasad & Dmitry Knorre Russia Co PI - Dr. Naseem Akhtar (ICGBE)	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	26.44	2 Year	DST-RFBR joint cell Government of India
5	Mechanism, evolution and pharmacology of multidrug resistance in the emerging fungal pathogen Candida auris among Indian cohort of patients	Prof. Rajendra Prasad	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	71.99	3 Year	ICMR- Government of India
6	Evaluation of the Nrf2 anti-oxidant response element (ARE) pathway as a promising target for alleviating chemoresistance in treatment of Acute Lymphoblastic Leukemia (ALL)"	Dr. Munindra Ruwali	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	15	3 Year	SERB-TARE Government of Inida
7	A Computational Software to find biomarkers using alternative splicing as a tool	PI- Dr. Ravi Datta Sharma, Co-PI Arnab Mukhopadhyay & Dr. Alok Srivastava	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	19.96	3 Year	DBT Government of India
8	Nanotechnology for Healthcare and Environment - Exploring New Horizons	Prof. AK Yadav (ASAS Dept.)	Faculty of Science Engineering / Amity School of Applied Science	2018-19	84	5 Year	DST FIST-2016 Government of India
9	Fabrication of the portable low cost point-of-care optical device for the screening of thalassemic career	Dr. Ranjita Ghosh Moulick	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	14.6	2 Year	DST Government of India



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10	Understanding Wnt Pathway and LncRNAs interaction for the identification of novel therapeutic targets in triple-negative breast cancers	Dr. Amit Kumar Pandey	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	51.62	3 Year	DST Government of India
11	Unraveling the molecular mechanism of lncRNAs involvement in Glioblastoma	Dr. Amit Kumar Pandey	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	71.74	3 Year	DST-RSF Government of India
12	मैथिली भाषाक इतिहास	Prof. Udaya Narayana Singh	Faculty of Arts /Amity Centre of Linguistic Studies	2018-19	0.75	6 Month	मैथिली-भोजपुरी अकादमी दिल्ली
13	Identify Disease gene association using Google's Tensor Flow	Dr. Alok Srivastava	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	33.05	3 Year	ICMR Government of India
14	Identifying the role of P53 regulated long non-coding RNAs(LncRNAs)by Cripsr/Cas9 in ovarian cancer	Dr. Amit Kumar Pandey	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	29.92	3 Year	ICMR Government of India
15	Mitigating the impact of antifungal resistance in the emerging pathogen candida auris by piggybacking its peptide permease as an antifungal delivery system	Dr. Atanu Banerjee	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	32.32	2 Year	SERB Government of India
16	A nanobionic approach for enhancement of plant photosynthesis and growth by augmenting chloroplast mediated photon absorption'	Dr. Sumistha Das & Dr. Nitai Debnath	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	45.5	3 Year	DST-Nanomission Government of India
17	Experimental validation of pre-identified candidate genes regulating protein storage in chickpea seeds	Dr. Kaustav Bandyopadhyay	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	31.99	2 Year	SERB Government of India
18	Developing small molecule inhibitors to target non-genomic androgen signaling and elucidating the role of GPR56 in Prostate Cancer	Dr. Gargi Bagch	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2018-19	55	3 Year	DST(SERB) Government of India
Total Grants sanctioned 2018-19					701.22		


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19	Role of Cyclic di-AMP in ribosome biogenesis,16S rRNA methyltransferase (RsmD) function and drug resistance in Mycobacterium.	Dr. Krishina Murari Sinha.	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2017-18	35.36	3 Year	DST(SERB) Government of India
20	Evaluation antimycobacterial potential of Unani drugs Qurs-e-Sartan Kafoori and Sharbat-eEjaz-A Mechanistic Approach	Dr. Zeeshan Fatima	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2017-18	47.89	3 Year	AYUSH Government of India
21	Novel potential antifungal drug active against multidrug resistant yeast from the candida genus.	PI - Dr. Rajendra Prasad & Dr. Slawomir Milewski	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2017-18	26.31	3 Year	Indo-Polish DST Government of India
22	Monitoring Pollutants, toxins and microbial community in the Chambal river to predict its environment and social consequences	Dr. Purnima Khanna	Faculty of Science Engineering and Technology/ Amity School of Earth & Environmental Science	2017-18	33.3	3 Year	DST(SERB) Government of India
23	Development of an Immunosensor for Detection of Infectious Disease by NanoWire Field Effect Transistor coupled with Nanoparticles	Dr.Ranjita Ghosh Moulick	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2017-18	41	3 Year	DST(SERB) Government of India
24	Fabrication of high performance thermally, wind and sound driven flexible nanogenerator for a wide range application	Dr. Brijesh Kumar	Faculty of Science Engineering and Technology/Amity Institute of Nano Technology	2017-18	38.66	3 Year	DST(SERB) Government of India
25	Study of in depth genetic heterogeneity with respect to resistance and compensatory adaption of MDR Mtb clinically strains inside BM-Mesenchymal stem cells circulating in the North East Region (22952)	Prof. Rajendra Prasad	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2017-18	50.2	3 Year	DBT Government of India
26	Development of Lead Free Piezoelectric materials for Energy Harvesting Applications	PI- Dr. Shalindra Kumar	Faculty of Science Engineering and Technology/ Amity School of Earth & Environmental Science	2017-18	13.05	3 Year	UGC-DAE, CSR
27	Characterization of Materials for eht Luminescence based Applications	Dr. Ankush Vij	Faculty of Science Engineering / Amity School of Applied Science	2017-18	-	5 Year	KIST
28	Luminescence Studies of swift heavy ion irradiated rare earth doped MgO based nanophosphors	Co-PI Dr. Ankush Vij	Faculty of Science Engineering / Amity School of Applied Science	2017-18	-	-	IUAC, New Delhi
29	Development of Multifunctional magnetic Fe-Al Nanocomposites for high temperature applications	Co-PI Dr. Ranjeet Kr. Brajpuria	Faculty of Science Engineering and Technology/Amity Institute of Nano Technology	2017-18	4.5	3 Year	NP Council of Science and technology
Total Grants sanctioned 2017-18					290.27		


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30	Identification of cGAMP specific phosphodiesterase from <i>Liesnmania donavani</i> and its role in virulence	Dr. Krishna Murari Sinha	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	32.49	3 Year	DBT Government of India
31	Unraveling the Role of mTORC2 in Regulation of Sphingolipid Biosynthesis in Breast Cancer Progression	PI-Dr Ujjaini Gupta & Co-PI Prof. Rajendra Prasad	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	54.53	3 Year	DBT Government of India
32	Comparative sphingolipid profiling of breast cancer cell and tissue types for identification of potential metastatic biomarkers	Dr. Ujjaini Das Gupta	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	47.15	3 Year	DST(SERB) Government of India
33	Identify disease gene association using Text mining approach	Dr. Alok Srivastava	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	29.88	3 Year	DBT Government of India
34	Fund for Improvement of S&T infrastructure in University and Higher Education Institutaion (FIST) Programme-2016	Prof. Rajendra Prasad	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	165	5,Years	DST FIST-2016 Government of India
35	Develoments of Nanophosphors for solid state lighting-Electronic Structure and Luminescence study	Dr. Ankush Vij	Faculty of Science Engineering / Amity School of Applied Science	2016-17	13.05	3 Year	DAE-CSR Indore
36	Insight into the mechanism of drugs transport mediated by multidrug transporters of candida-[14117]	Prof. Rajendra Prasad	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	74.72	3 Year	DBT Government of India
37	Comprehensive Omics studies to understand the biology of drug resistant Mycobacterium tuberculosis clinical isolates from Arunachal Pradesh	Dr. Zeeshan Famita	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	11.9	3 Year	DBT Government of India
38	Developing rapid sensitive high throughput user friendly kit for routine detection of androgens and antiandrogens in water	Dr. Gargi Bagchi, PI Dr. Rajendra Prasad Co. PI	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2016-17	32.2	3 Year	DST Government of India
Total Grants sanctioned 2016-17					460.92		

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39	Understanding the molecular Bases of resistance to septoria for wheat improvement in Ethiopia	Tilahun Mekonneh Negassa	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2015-16	3	6 Month	NAMS & T Center
40	Silica coated porous zinc oxide nanostructure : A poterit nanocomposit for development ofslow release agrochemicals	PI Dr. Nitai Debnath	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2015-16	26.45	3 Year	DST(SERB) Government of India
41	Development Of Multiferroic Magnetolectric Materials And Dilute Magnetic Semiconductors For Multifunctional Applications	PI- Dr. ShaIndra Kumar	Faculty of Science Engineering / Amity School of Applied Science	2015-16	11	3 Year	DST Government of India
42	Ion beam induced modifications in MgO based nanophosphors: Luminescence and related studies.	Dr. Ankush Vij	Faculty of Science Engineering / Amity School of Applied Science	2015-16	6.03	3 Year	IUAC, New Delhi
Total Grants sanctioned 2015-16					46.18		
43	Carbon dioxide Fixation by Culturable and non culturable (Metagenomic-Approach) Microbial Community and role of microbe for calcite and biofuel production.	Dr. Shaili Srivastava Nigam PI	Faculty of Science Engineering and Technology/ Amity School of Earth & Environmental Science	2014-15	20	3 Year	DST(SERB) Government of India
44	Role of Protein kinas a signalling in androgen mediated gene response	Dr. Gargi Bagchi, PI Prof. Rajendra Prasad Co. PI	Faculty of Science Engineering and Technology/Amity Institute of Biotechnology	2014-15	46.8	3 Year	DBT Government of India
45	India-European Union (EU) Research Project" Safeguarding Water Resource in Indian with Green and Sustainable Technology:"(SWINGS) under India-European Union Science & Technology Copperation Agreement.	PI- Dr. AK Raghav, PI Dr. Nadeem Khalil	Faculty of Science Engineering and Technology/Amity School of Enginneering & Technology	2014-15		4 Year	DST Government of India
46	Investingating Aerosol-Cloud Forced Climate Change over India: A Multi-Satellte Approch	PI Dr. Rohini L. Bhawar Co-PI Prof. P.C.S Devara	Faculty of Science Engineering and Technology/Amity Centre for Ocean-Atmospheric Science and Technology	2014-15		3 Years	Ministry of Earth Science
Total Grants sanctioned 2014-15					66.8		

Abhishek



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