

Institute Name		NEW HORIZON COLLEGE OF ENGINEERING							
India Ranking 2019 ID		IR-E-C-1371							
Discipline		ENGINEERING							
Parameter		Sponsored Research Projects							
5D.PRCMP	SNo.	Financial Year	Name of the Faculty (Principal Investigator)	Name of the Funding Agency	Title of the Project	Sanctioned Order No.	Sanctioned Date	Amount Received (In Rupees)	Amount Received (In Words)
	1	2017-18	Dr. M.S. Ganesha Prasad	KCST	Experimental study of acetylene and alcohol as an alternate fuel for gasoline engine	41S_BE_0052	13.04.2018	11,000	Rupees Eleven Thousand Only
	2		Prof. Nagendra Jayaram	KCST	A comparative study of the properties and effects of different blends of Bio-Diesel on Crankcase lubricant and perform exhaust gas analysis for the same.	41S_BE_0056	13.04.2018	7000	Rupees Seven Thousand Only
	3		Prof. Bopanna K D	KCST	Design and fabrications of machine to convert plastic into oil and gaseous fuel production	41S_BE_0062	13.04.2018	11,000.00	Rupees Eleven Thousand Only
	4		Mr. Sujeeth Swami	KCST	Improvisation on physical and combustion properties of fuel briquette from pongamia and glycerin mixing different binders	41S_BE_0066	13.04.2018	5000	Rupees Five Thousand Only
	5		Prof. Vinayak B	KCST	A coupled process integrating heavy metal bioremediation and biodiesel production using oleaginous micro algae	41S_BE_0075	13.04.2018	10000	Rupees Ten Thousand Only
	6		Prof. Vinod Kumar G S	KCST	Augmenting the life of polymer material used in 3D Printers by using reinforced polymer material in FDM Technology	41S_BE_0078	13.04.2018	6000	Rupees Six Thousand Only
	7		Mr. K.A.Jayasheel Kumar	KCST	Smart conveyance for physically challenged people	41S_BE_0670	13.04.2018	6000	Rupees Six Thousand Only
	8		Mr. Girish Tilak	KCST	Design and Fabrication of an Artificial Leg Mechanism for above knee amputees	41S_BE_0674	13.04.2018	7000	Rupees Seven Thousand Only
	9		Dr. M.S. Ganesha Prasad	KCST	Design and fabrication of portable solar operated water purification unit	41S_B_BE_003	13.04.2018	7000	Rupees Seven Thousand Only
	10		Mr. Kamalashish Deb	KCST	Design and fabrication of a tadpole model solar powered tricycle	41S_B_BE_006	13.04.2018	7000	Rupees Seven Thousand Only
	11		Prof. Lakshmana Naik	KCST	Design and Development of human arm exoskeleton	41S_B_BE_007	13.04.2018	6000	Rupees Six Thousand Only
	12		Mr. Lakshminarasim Ha	KCST	Use of Bio-lubricants in ATV	41S_B_BE_008	13.04.2018	5000	Rupees Five Thousand Only
	13		Dr. R. S. Upendra	KCST	Replaceable diesel particulate filter	41S_B_BE_067	13.04.2018	7000	Rupees Seven Thousand Only
	14		Mr. Girish N Desai	KCST	Design of Pyrolysis Reactor for Synthesis of Biodiesel from Poultry Waste (Chicken Feathers) and Engine Performance Testing	41S_B_BE_090	13.04.2018	10000	Rupees Ten Thousand Only
	15		Dr. Sheelan Misra	AICTE	SKM & Development Programme Center for SC/ST Students (SPDP) (Grant in Aid Rs.25 Lakhs for 2 years) Rs. 12,50,000	Ref 65-12/RIFD/SPDP/Policy1/2	15.05.2017	1250000	Rupees Twelve Lakh Fifty Thousand Only
	16		Dr.Mohan Kumar.S	AICTE	FDP on Research Frontiers in Advanced Networking, Security and IOT- A tool driven Approach. (Grant in Aid Rs.7 Lakhs in 2 Installments) Rs. 3,50,000	Ref 6-87/RIFD/FDP/Policy1/201	06.06.2017	350000	Rupees Three Lakhs Fifty Thousand Only
	17		Dr.M S Ganesha Prasad	AICTE	Research Promotion Scheme: Multipurpose Compact Solar Fruit Dryer	Ref 6-84/RIFD/RPS/Policy1/201	04.08.2017	1326853	Rupees Thirteen Lakhs Twenty Six Thousand Eight Hundred and Fifty Three Only

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	18		Dr. R. Elumalai	AICTE	Modernization and Removal of Obsolescence Scheme (MODROBS). (Grant in Aid Rs.13,38,162 for 2 years) Rs. 2,67,633	Ref 9-117/RIFD/MODROB/Policy	23.10.17	1070529	Rupees Ten Lakhs Seventy Thousand Five Hundred Twenty Nine Only
	19	2017-18	Dr. Anandavardan	AICTE	Modernization and Removal of Obsolescence Scheme (MODROBS). (Grant in Aid Rs.16,50,000 for 2 years) Rs. 3,30,000	Ref 9-85/RIFD/MODROB/Policy	23.10.17	1320000	Rupees Thirteen Lakhs Twenty Thousand Only
	20		Dr. Mahesh.K	VGST	Sanctioned for Young Scientist Scheme: Green Energy -Hybrid Renewable Power Generation (Solar-Wind) for Irrigation (20.12.2017 dt Cheque Received in Jan '18)	Ref. No/VGST/GRD-599/2016-17/2017-18/178 dt 30.05.2018	20.12.2017	500000	Rupees Five Lakhs Only
	21		Dr. KCR. Nisha	IEI	Investigations Along With Design, Development and Testing on Use of Current Source Inverter (CSI) (1kw, 440 V) for Grid Connected Solar PV for Residential/Apartment Applications, under IEI R&D Grant-in-Aid Scheme, The Institution of Engineers (India), Kolkata. Project ID: DR2019002-Ref. R.6/2/DR/2018-19/RDDR2018002, NEFT/SK/AXSK181730032566	DR2019002-Ref. R.6/2/DR/2018-19/RDDR2018002, NEFT/SK/AXSK181730032566	22.06.2018	35000	Rupees Thirty Five Thousand Only
	22		Dr. KCR. Nisha	VGST-RGS	Investigations on use of Current Source Inverters(CSI) for Grid connected solar PV for Residential/Apartment applications. Ref: KSTePS / VGST - RGS / F / GRD No. 730 / 2017 - 18; Dt: 27.08.2018; Cheque: 006009 Dated 18-09-2018	KSTePS / VGST - RGS / F / GRD No. 730 / 2017 - 18; Dt: 27.08.2018; Cheque: 006009 Dated 18-09-2018	27.08.2018	500000	Rupees Five Lakhs Only
	23		Dr. Prashanth.K.S	VGST-RGS	Polyvinyl alcohol/Graphene (PVA-GO) nanocomposites- Antimicrobial, Antifungal studies for food packaging applications. Ref. KSTePS /VGST-RGS/F/GRD No.730/2017-18. Received on 25/09/2018, Cheque: 384929 dt 15.09.2018. 2 Years Project	KSTePS /VGST-RGS/F/GRD No.730/2017-18	27.08.2018	500000	Rupees Five Lakhs Only
	24		Dr. Asha	VGST-FDP	Data Acquisition and Control System, (FDP-4 Days). KSTePS/VGST-FDP-E. Received on 25/09/2018, Cheque. 005978 dt. 17/09/2018	KSTePS/VGST-FDP-E. Received on 25/09/2018	27.08.2018	200000	Rupees Two Lakhs Only
	25		Dr. K. Gopalakrishnan and Dr. V. Ilango	IBM, ITCA, GoK	Agricultural led Rural Development "AgRuTech 2018", Conducted/Sponsored by IBM, IBM OpenPOWER Foundation and the Indian Technology Congress Association at NHCE during 10-11 April 2018	Ref: ITCA/GoK/IBM/SR-Kind/00	10.04.2018	1200000	Rupees Twelve Lakhs Only
	26		Dr. K. Gopalakrishnan and Dr. V. Ilango	IBM, ITCA, GoK	Karnataka Smart Village Hackathon Conducted at NHCE during 10-11 April 2018, Sponsored by Government of Karnataka, IBM OpenPOWER Foundation and the Indian Technology Congress Association	Ref: ITCA/GoK/IBM/SR-Kind/00	11.04.2018	950000	Rupees Nine Lakhs Fifty Thousand Only

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	27		Dr. K. Gopalakrishnan	ITCA FARE	Travel Grant to Dr. K. Gopalakrishnan, Dean (R&D), NHCE has visited The Herzliya Science Center, Israel during 3-7 June 2018 as part of Indo-Israel Delegation with the Support of Indian Technology Congress Association (ITCA) as part of Indo-Israel Delegation	Ref: ITCA/FARE/SR-Kind/003	03.06.2018	180000	Rupees Eighteen Lakhs Only
	28		Dr. Manjunatha and Dr. K. Gopalakrishnan	BCIC/FEE	Sponsored Event: Innovation Technology Awards of Bangalore Chamber of Industry and Commerce (BCIC) held on on 14 June 2018 at NHCE	Ref. FEE/BCIC/SR-Kind/001	14.06.2018	500000	Rupees Five Lakhs Only
	29	2017-18	Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA UNISEC BRICS FEO	"Space Lab for Satellite Aptitude Test (SAT) On Wheels" 25 July 2018, 7DPlus Technology Company and 75 Students' Satellite Consortium of ITCA /UNISEC	Ref. ITCA/UNISEC/BRICS FEO/SR-Kind/012	25.7.18	6500000	Rupees Sixty Five Lakhs Only
	30		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA, NHECT	6th Indian Technology Congress 2018 held at NIMHANS Convention Centre, 5-6 September 2018	Ref. ITCA/NHECT/SR-Kind/009	05.09.18	500000	Rupees Five Lakhs Only
	31		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA Consortium AIU	1st International Seminar on Students' Satellites held at NIMHANS Convention Centre, 5-6 September 2018	Ref. ITCA Consort/AIU/SR-Kind/0	05.09.2018	700000	Rupees Seven Lakhs Only
	32		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA UNISEC Planet Aerospace	Hands-on Education Program for Technical Advancement: HEPTA-Sat Training Kit as Class Room Satellite (Engineering Model Prototype for Testing) 2U + ADSB with D'vine Research Labs and ITCA Consortium/UNISEC India	Ref. ITCA/UNISEC/PA/SR-Kind/0	22.10.2018	1500000	Rupees Fifteen Lakhs Only
	33		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA, DRL, UNISEC	Development of "Single Card Satellite-Bus (SiCS-B)": 10 cm x10 cm (Timeline: 18 Months). Indo-Israel Joint Development	Ref. ITCA/DRL/UNISEC/SR-Kind/0	23.10.2018	15000000	Rupees One Crore Fifty Lakhs Only
	34		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA, EDAF, DRL, UNISEC	Design and Development of CubeSat 2U; ADSB including Launch Cost; Indo-Israel Joint Development under UNISEC India, ITCA Consortium	Ref. ITCA/EDAF/DRL/UNISEC/Sr-Kind/007	26.10.2018	26000000	Rupees Two Crore Sixty Lakhs Only
	35		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA, DRL, UNISEC	Hands-on Education Program for Technical Advancement: HEPTA-Sat Training Kit as Class Room Satellite (Engineering Model Prototype for Testing) 1U with ITCA Consortium and UNISEC India	Ref. ITCA/DRL/UNISEC/SR-Kind/0	19.11.2018	900000	Rupees Nine Lakhs Only
	36	2017-18	Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA UNISEC	Students' Satellite Competition with the Support of Indian Technology Congress Association (ITCA) and UNISEC India	Ref: ITCA/UNISEC/Sr-Kind/017	28.07.2018	1000000	Rupees Ten Lakhs Only
	37		Dr. Manjunatha and Dr. K. Gopalakrishnan	WFEO/ITC A	Funding for Publication: Compendium of Students' Satellites Book published by WFEO and ITCA	Ref. ITCA/WFEO/SR-Kind/020	05.09.2018	425000	Rupees Four Lakhs Twenty Five Thousand Only
	38		Dr. Manjunatha and Dr. K. Gopalakrishnan	WFEO/ITC A	Funding for Publication: Industry 4.0 Book Published by WFEO, IIPE and ITCA	Ref. ITCA/WFEO/SR-Kind/021	05.09.2018	175000	Rupees One Lakh Seventy Five Thousand Only
	39		Dr. KCR. Nisha	MTS India	Marine Technology Society: Seed Money for Chapter from MTS India	Ref. MTS-India/SR-Kind/001	24.11.2018	195000	Rupees One Lakh Ninty Five Thousand Only

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	40		Dr. Manjunatha and Dr. K. Gopalakrishnan	ITCA/FKCC 1 UNISEC	2nd International Programme on Students' Satellite: Mission 2022 held at Sir MV Auditorium, FKCCI, Bangalore, 28-29 November 2018	ITCA/FKCCI/UNISEC/SR-Kind	28.11.2018	500000	Rupees Five Lakhs Only
<b>Total Amount</b>								<b>63382382</b>	<b>Rupees Six Crore Thirty Three Lakhs Eighty Two Thousand Three Hundred and Eighty Two Only</b>