

Institute Name		NEW HORIZON COLLEGE OF ENGINEERING							
India Ranking		IR-E-C-1371							
Discipline		ENGINEERING							
Parameter		Sponsored Research Projects							
5D.PRCM P	S.No.	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)
5D.PRCM P	1	2018-19	Dr. K C R Nisha	IEI	R&D Grant-in Aid (Investigations along with design ,Development and Testing on use of Current Source Inverters(CSI-1KW 440V) for Grid connected solar PV for Residential/Apartment Applications)	R.6/2/DR/2018-19/RDDR2018002	2/7/2018	35000	Rupees Thirty Five Thousand only
	2		Mr. Ranjan Manish, Dr.K.Gopalakrishnan	ITCA, UNISEC, FKCCI, TSC	2nd International Programme on Students' Satellite: Mission 2022 held at Sir MV Auditorium, FKCCI, Bangalore, 28-29 November 2018	ITCA-UNISEC/July/02-2018-19	7/28/2018	1000000	Rupees Ten Lakhs Only
	3		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar	UNISEC, 7DPlus Tech Co, DRL	"Space Lab for Satellite Aptitude Test (SAT) On Wheels" 25 July 2018, 7DPlus Technology Company and 75 Students' Satellite Consortium of ITCA /UNISEC (2 Years Project)	UNISEC India/NHCE/2018-19	7/25/2018	6500000	Rupees Sixty Five Lakhs Only
	4		Dr. K C R Nisha	VGST	RGS (Investigations on use of Current Source Inverters(CSI) for Grid connected solar PV for Residential/Apartment applications)	KSTePS/VGST-RGS/F/GRD No.730/2017-18	8/27/2018	500000	Rupees Five Lakhs only
	5		Dr. V. Asha	VGST	Data Acquisition and Control System, (FDP-4 Days). (Utilized Funds. Reports Submitted to VGST)	Received on 25/09/2018, Cheque. 005978 dt. 17/09/2018	8/27/2018	200000	Rupees Two Lakhs Only
	6		Dr.Prashanth K S	VGST (RGS/F)	PVA GO(Rgo nano composite, anti bacterial anti fungal studies for food packaging applications)	GRD702	05.9.2018	500000	Rupees Five Lakhs only
	7		Dr. Sheelan Misra	AICTE	Skill & Development Programme Center for SC/ST Students (SPDP) (Grant in Aid Rs.25 Lakhs for 2 years) Rs. 12,50,000 (Closing Date Extended due to Delay in Release of Funds (2nd Installment/2nd year Funding due to Delayed Review at AICTE HQ)	F.No.65-12/RIFD/SPDP/Policy-1/2016-17 dt. 15.05.2017 2nd Installment Due during 2018-19	9/15/2018	1250000	Rupees Twelve Lakhs Fifty Thousand Only
	8		Dr. S. Mohankumar	AICTE	FDP on Research Frontiers in Advanced Networking, Security and IOT- A tool driven Approach. (Grant in Aid Rs.7 Lakhs in 2 Installments)	F.No.6-87/RIFD/FDP/Policy-1/2016-17 Dt 06.06.2017	9/15/2018	350000	Rupees Three Lakhs Fifty Thousand Only
	9		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Dr. S. Sujitha	ITCA, AIU, SRM, VTU, VIT, BU, DSU, NIU, Karunya, Amrutha	6th Indian Technology Congress 2018 held at NIMHANS Convention Centre, 5-6 September 2018	ITCA/NHCE/23	9/5/2018	500000	Rupees Five Lakhs only

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	10		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Dr. S. Sujitha	Same As Above, 75 Students Satellites Consortium	1st International Seminar on Students' Satellites held at NIMHANS Convention Centre, 5-6 September 2018	ITCA/NHCE/2018-19/31	9/5/2018	900000	Rupees Nine Lakhs Only
	11		Dr. Smita Harwani & Dr. Sheelan Misra	AICTE	Unnat Bharath Abhiyan	UBA/2018-19	10/3/2018	150000	Rupees One Lakh Fifty Thousand Only
	12		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar	ITCA, UNISEC, Planet Aerospace DRL, TSC	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 (2 Years Project)	ITCA-UNISEC/Oct/03-2018-19	10/22/2018	1800000	Rupees Eighteen Lakhs Only
	13		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar	ITCA, UNISEC, DRL, TSC	Development of "Single Card Satellite-Bus (SiCS-B)": 10 cm x 10 cm (Timeline: 18 Months). Indo-Israel Joint Development	ITCA-UNISEC/Oct/07-2018-19	10/23/2018	15000000	Rupees One Crores Fifty Lakhs Only
	14		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar	ITCA, UNISEC, DRL, TSC	Design and Development of CubeSat 2U; ADSB including Launch Cost; Indo-Israel Joint Development under UNISEC India, ITCA Consortium	ITCA-UNISEC/Oct/09-2018-19	10/26/2018	26982000	Rupees Two Crores Sixty Nine Lakhs Eighty Two Thousand Only
	15		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar	ITCA, UNISEC, DRL, TSC	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	ITCA-UNISEC/Nov/14-2018-19	11/19/2018	3100000	Rupees Thirty One Lakhs Only
	16		Dr. Viswanath B	AICTE	FDP on Advanced Material and Applications	F.No.34-55/205/FDP	11/10/2018	250000	Rupees Two Lakhs and Fifty Thousand Only
	17		Dr. K C R Nisha	AICTE	Travel Grant (IEEE COMPEL 2018-Italy)	10-03/RFID/TG/Policy-1/2017-18	1/3/2019	126000	Rupees One Lakh Twenty Six Thousand Only
	18		Ms.Smitha B S	KSCST	Experimental Study on Fuel filter coated with Nano particles	42S_BE_1655	1/16/2019	6000	Rupees Six Thousand Only
	19		Dr. Sheelan Misra	PMYUV A- OPEX	National ED Hub	PMYUVA- OPEX/2018-19	2/18/2019	43333	Rupees Forty Three Thousand Three Hundred and Thirty Three Only
	20		Dr.K.Gopalakrishnan	ITCA, UNISEC, EDAF, IISE, SEE, TSC	Travel Grant to Dr. K. Gopalakrishnan, Dean (R&D), NHCE has visited Israel during 11-14 February 2019 as part of Indo-Israel Space-Tech Leadership Programme Delegation with the Support of Indian Technology Congress Association (ITCA)	ITCA-UNISEC/July/02-2018-19	2/11/2019	200000	Rupees Two Lakhs Only
	21		Dr Sanjeev Sharma & Prof. Naveen H	KSCST	Social cause- Research Underwater Image Acquisition using remotely operated Underwater vehicle and cloud based remote access	42_S_BE_1860	3/27/2019	8000	Rupees Eight Thousand only
	22		Prof. Naveen H	KSCST	Social cause- Development of underwater remotely operated vehicle for drowned human body detection	42_S_BE_3098	3/27/2019	7000	Rupees Seven Thousand only
	23		Mr.Karthik A V	KSCST	Use of Bio-lubricants in ATV	42S_B_BE_010	27/03/19	5000	Rupees Five Thousand Only
	24		Mr.Girish Tilak	KSCST	Replaceable diesel particulate filter	42S_B_BE_010	27/03/19	7000	Rupees Five Thousand Only

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5D.PRCM P	25	2018-19	Dr. M S Ganesha Prasad	KSCST	Design and development on conversion of LDPE (low density polyethylene) plastic waste into liquid fuel by sequential pyrolysis technique.	42S_B_BE_010	27/03/19	10500	Rupees Ten Thousand and Five Hundred Only		
	26		Prof. VINAY D R	KSCST	Design and Fabrication of Solar Powered Floating Waste Collector	42S_BE_1089	27/03/19	7000	Rupees Seven Thousand only		
	27		Prof. VINOD KUMAR G S	KSCST	Design and Fabrication of Human Exoskeleton to Achieve Ease During Movement	42S_BE_1101	27/03/19	8000	Rupees Eight Thousand only		
	28		Prof. RONALD REAGON	KSCST	Insulin Storage Freezer Using Thermoelectric Devices and Water Cooling	42S_BE_1097	27/03/19	6000	Rupees Six Thousand Only		
	29		Prof. KARTHIK S.N	KSCST	Effect of Heat Treatment on Mechanical Properties of Cu30Ni5Zn (COPPER, NICKEL (30%) AND ZINC (5%) ALLOYS	42S_BE_1098	27/03/19	6000	Rupees Six Thousand Only		
	30		Prof. PAVAN.P.KADOLE	KSCST	Design and Fabrication of Multipurpose Machine for Agricultural Purpose	42S_BE_1099	27/03/19	6500	Rupees Six Thousand and Five Hundred Only		
	31		Prof. HANAMATH Y	KSCST	Design and Fabrication of Automatic Vacuum Operated Chalk Dust Collector	42S_BE_1100	27/03/19	6000	Rupees Six Thousand Only		
	32		Prof. RAGHU TILAK REDDY M.	KSCST	Fabrication of 3 Axis Pneumatic Trailer Lift	42S_BE_1104	27/03/19	6000	Rupees Six Thousand Only		
	33		Prof. CHETAN KUMAR D.S.	KSCST	Design and Fabrication of Separation of Waste Garbage Using Smart Crusher	42S_BE_1105	27/03/19	5000	Rupees Five Thousand Only		
	34		Prof. MANJESH	KSCST	Hybrid Solar Windmill	42S_BE_1106	27/03/19	6000	Rupees Six Thousand Only		
	35		Prof. VEERESHA G	KSCST	Fabrication of Automatic Sewage Cleaning Machine	42S_BE_1107	27/03/19	7000	Rupees Seven Thousand only		
	36		Prof. PUNEETH H V	KSCST	Design, Analysis and Rapid Prototyping of Instrumentation Probe for Aero Engine Application	42S_BE_1643	27/03/19	5500	Rupees Five Thousand and Five Hundred Only		
	37		Prof. BOPANNA K D	KSCST	Design and Utilization of Solar Induced Convective Flow for Power Generation Using Solar Updraft Tower	42S_BE_1644	27/03/19	6000	Rupees Six Thousand Only		
	38		Prof. KAMALASHISH DEB	KSCST	To Design and Fabricate A Machine to Clean the Slope surfaces in step farming with proper finish.	42S_BE_1084	27/03/19	7000	Rupees Seven Thousand Only		
	39		Dr.Asha.B.M	KSCST - SPP	Plastic Waste management Using Microalgal Integrated Pyrolytic Bioreactor	42S_BE_1654	27.3.2019	6000	Rupees Six Thousand Only		
	40		Ms. Jinsha Jinadevan & Dr.Ananda Vardhan.H	KSCST - SPP	Design And Fabrication of Bio Reactor with Co-Immobilized Micro Algae & Bacteria for Conversion of Bio Diesel Industry Derived crude glycerol into Polyhydroxyalkonates	42S_B_BE_013	27.3.2019	7000	Rupees Seven Thousand Only		
			41		Dr.K.Gopalakrishnan Dr. K.C.R. Nisha	ITCA, DRL, IPE, FEE, TTF, RPSI, BSRGI, WFEO, BRICS FEO	National Seminar on New Space-An era of Small Satellites: Opportunities and Challenges held at Main Auditorium, NHCE on 11 April 2019 with the Support of Indian Technology Congress Association (ITCA) and University Space Engineering Consortium (UNISEC)-India	ITCA-UNISEC/ April/03-2019	4/11/2019	111167	Rupees One Lakh Eleven Thousand One Hundred and Sixty Seven Only
			42		Mr. Manish Ranjan Dr.C.S.R.Prashanth	AIU, IBM, BCIC, UNISEC India	Bangalore Chamber of Industry and Commerce (BCIC) and NHCE has Organized Inter-College 48 Hours Hackathon "Accelathon '19": Social Innovation using Digital Technologies held during 12-14 April, 2019 at NHCE	BCIC/20-19	4/14/2019	700000	Rupees Seven Lakhs Only

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5D.PRCM P	43	2018-19	Dr. Rajalakshmi Dr.Pramitha Vinutha Prof. Padmapriya	Legend Technologies P Ltd	National Conference on Advancements in Computer Science & Engineering held on 24 April 2019	LT/05/2019	5/21/2019	20000	Rupees Twenty Thousand Only
	44		Dr.K.Gopalakrishnan	FARE, ITCA, 7D+FC, Shtula, Saisanket	Travel Grant to 5 Students of NHCE has visited Israel during 11-14 February 2019 as part of Indo-Israel Space-Tech Leadership Programme Delegation with the Support of Indian Technology Congress Association (ITCA)	ITCA/Israel/21/2019	5/26/2019	350000	Rupees Three Lakhs Fifty Thousand Only
	45		Dr.K.Gopalakrishnan	AICTE	Share and Mentor Institutions (Margdarshan)	SEP/1055	9/21/2019	1000000	Rupees Ten Lakhs Only
	46		Dr. R. Elumalai	AICTE	Research Promotion Scheme	RFID/RPS /1-3196393719/	5/27/2019	2000000	Rupees Twenty Lakhs Only
	47		Dr. Sujitha. S	AICTE	National Conference on Research Perspectives: IOT in Hybrid Grid Integrated Renewable Energy Sources, Grant for Organising Conference (GOC)	F.No.67-10/RIFD/GOC/Policy-1/2017-18 dt 22.04.2019	5/27/2019	500000	Rupees Five Lakhs only
	48		Dr. Bellie Viswanath	AICTE	Faculty Development Programme	RFID/FDP/1-3560403843	5/27/2019	700000	Rupees Seven Lakhs Only
	49		Dr. S. Sujitha	AICTE	Short Term Training Program	RFID/STTP /1-3196365977	5/27/2019	500000	Rupees Five Lakhs only
	50		Dr. S. Sujitha	AICTE	Faculty Development Program	RFID/FDP/1-3196365977	5/27/2019	700000	Rupees Seven Lakhs Only
	51		Dr. Misra Sheelan	AICTE	Short Term Training Program	RFID/STTP/1-429390871	5/27/2019	500000	Rupees Five Lakhs only
	52		Dr.K.Gopalakrishnan	ITC, NHCET, NHCE, HBF,	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)	ITCA/NHCE/Israel/07	7/7/2019	180000	Rupees One Lakh Eighty Thousand Only
	53		Mr. Ranjan Manish, Dr.K.Gopalakrishnan	IBM, BCIC, UNISEC India	Sponsored Event: Innovation Technology Awards of Bangalore Chamber of Industry and Commerce (BCIC) held on on 14 June 2018 at NHCE	BCIC-IBM/2018-19	7/17/2019	500000	Rupees Five Lakhs only
	54		Dr.Niranjan	Indian Geo-technical Society	Brainstorm of Good Practices in Geotechnical Engineering	GIGST/Oct/2019	10/27/2019	20000	Rupees Twenty Thousand Only
	55		Dr. V. Asha	AICTE-FDP	High Performance, Grid and Cloud Computing	28-6-2019	10/5/2019	318000	Rupees Three Lakhs Eighteen Thousand Only
	55			43	Total				67624000