

**NEW HORIZON COLLEGE OF ENGINEERING  
GRANTS RECEIVED BY NHCE FOR THE YEAR 2017-18**

Sl. No	Date	Branch	Programme/Title	Funding Agency	Amount in Rs
1	13.04.2018	ME	Experimental study of acetylene and alcohol as an alternate fuel for gasoline engine	KCST	11,000.00
2	13.04.2018	ME	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.	KCST	7,000.00
3	13.04.2018	ME	Design and fabrications of machine to convert plastic into oil and gaseous fuel production	KCST	11,000.00
4	13.04.2018	ME	Improvisation on physical and combustion properties of fuel briquette from pongamia and glycerin mixing different binders	KCST	5,000.00
5	13.04.2018	BT	A coupled process integrating heavy metal bioremediation and biodiesel production using oleaginous micro algae	KCST	10,000.00
6	13.04.2018	ME	Augmenting the life of polymer material used in 3D Printers by using reinforced polymer material in FDM Technology	KCST	6,000.00
7	13.04.2018	ME	Smart conveyance for physically challenged people	KCST	6,000.00
8	13.04.2018	ME	Design and Fabrication of an Artificial Leg Mechanism for above knee amputees	KCST	7,000.00
9	13.04.2018	ME	Design and fabrication of portable solar operated water purification unit	KCST	7,000.00
10	13.04.2018	ME	Design and fabrication of a tadpole model solar powered tricycle	KCST	7,000.00
11	13.04.2018	ME	Design and Development of human arm exoskeleton	KCST	6,000.00
12	13.04.2018	AU	Use of Bio-lubricants in ATV	KCST	5,000.00
13	13.04.2018	AU	Replaceable diesel particulate filter	KCST	7,000.00
14	13.04.2018	BT	Design of Pyrolysis Reactor for Synthesis of Biodiesel from Poultry Waste (Chicken Feathers) and Engine Performance Testing	KCST	10,000.00
			<b>Total Grants (Cheque No. 660132 for Rs.54,000/- &amp; 660461 for Rs. 51,000/- dt 28.03.2018)</b>	<b>6+8 Projects</b>	<b>1,05,000.00</b>
15.	15.05.2017	MBA	Skill & Development Programme Center for SC/ST Students (SPDP) (Grant in Aid Rs.25 Lakhs for 2 years) Rs. 12,50,000	AICTE	12,50,000.00
16.	06.06.2017	CSE	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	AICTE	3,50,000.00
17.	04.08.2017	ME	Research Promotion Scheme: Multipurpose Compact Solar Fruit Dryer	AICTE	13,26,853.00
18.	23.10.2017	EEE	Modernization and Removal of Obsolescence Scheme (MODROBS). (Grant in Aid Rs.13,38,162 for 2 years) Rs. 2,67,633	AICTE	10,70,529.00
19.	23.10.2017	BTE	Modernization and Removal of Obsolescence Scheme (MODROBS). (Grant in Aid Rs.16,50,000 for 2 years) Rs. 3,30,000	AICTE	13,20,000.00
20.	20.12.2017	EEE	Sanctioned for Young Scientist Scheme: Green Energy –Hybrid Renewable Power Generation (Solar-Wind) for Irrigation (20.12.2017 dt Cheque Received in Jan '18)	VGST	5,00,000.00
21.	22.06.2018	ECE	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	IEI	35,000.00

22.	27.08.2018	ECE	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	VGST-RGS	5,00,000.00
23.	27.08.2018	BSH	KSTePS /VGST–RGS/F/GRD No.730/2017–18. Received on 25/09/2018, Cheque: 384929 dt 15.09.2018. 2 Years Project	VGST-RGS	5,00,000.00
24.	27.08.2018	MCA	Data Acquisition and Control System, (FDP-4 Days). KSTePS/VGST-FDP-E. Received on 25/09/2018, Cheque. 005978 dt. 17/09/2018	VGST-FDP	2,00,000.00
25.	10.04.2018	MCA/ CSE/ISE	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	IBM, ITCA, GoK	12,00,000.00
26.	11.04.2018	MCA/ CSE/ISE	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	IBM, ITCA, GoK	9,50,000.00
27.	03.06.2018	R&D	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	ITCA FARE	1,80,000.00
28.	14.06.2018	R&D	Sponsored Event: Innovation Technology Awards of Bangalore Chamber of Industry and Commerce (BCIC) held on on 14 June 2018 at NHCE	BCIC/FEE	5,00,000.00
29.	25.07.2018	R&D	"Space Lab for Satellite Aptitude Test (SAT) On Wheels" 25 July 2018, 7DPlus Technology Company and 75 Students' Satellite Consortium of ITCA /UNISEC	ITCA UNISEC BRICS FEO	65,00,000.00
30.	05.09.2018	R&D	6th Indian Technology Congress 2018 held at NIMHANS Convention Centre, 5-6 September 2018	ITCA, NHECT	5,00,000.00
31.	05.09.2018	R&D	1st International Seminar on Students' Satellites held at NIMHANS Convention Centre, 5-6 September 2018	ITCA Consortium AIU	7,00,000.00
32.	22.10.2018	R&D	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	ITCA UNISEC Planet Aerospace	15,00,000.00
33.	23.10.2018	R&D	Development of “Single Card Satellite-Bus (SiCS-B)”: 10 cm x10 cm (Timeline: 18 Months). Indo-Israel Joint Development	ITCA, DRL, UNISEC	1,50,00,000.00
34.	26.10.2018	R&D	Design and Development of CubeSat 2U; ADSB including Launch Cost; Indo-Israel Joint Development under UNISEC India, ITCA Consortium	ITCA, EDAF, DRL, UNISEC	2,60,00,000.00
35.	19.11.2018	R&D	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, DRL, UNISEC	9,00,000.00
36.	28.07.2018	R&D	Students' Satellite Competition with the Support of Indian Technology Congress Association (ITCA) and UNISEC India	ITCA UNISEC	10,00,000.00
37.	05.09.2018	R&D	Funding for Publication: Compendium of Students' Satellites Book published by WFEO and ITCA	WFEO/ITCA	4,25,000.00
38.	05.09.2018	R&D	Funding for Publication: Industry 4.0 Book Published by WFEO, IPE and ITCA	WFEO/ITCA	1,75,000.00
39.	24.11.2018	ECE	Marine Technology Society: Seed Money for Chapter from MTS India	MTS India	1,95,000.00
40.	28.11.2018	R&D	2nd International Programme on Students' Satellite: Mission 2022 held at Sir MV Auditorium, FKCCI, Bangalore, 28-29 November 2018	ITCA/FKCCI UNISEC	5,00,000.00
<b>2017-2018</b>		<b>Grand Total Grants Received for Sponsored Research during 2017-18</b>			<b>6,48,27,382.00</b>

**2017-18**

**Royalty Earned from Patents: Rs. 37,50,000.00**