

New Horizon College of Engineering

Sponsored Research Projects for the Year 2019-20

S.No	Financial Year	Name of the Faculty (Principal Investigator)	Department of Principal Investigator / Co Investigator	Name of the Funding Agency	Name of the Funding Scheme	Title of the Project	Sanctioned Order No.	Sanctioned Date	Amount Received (in Rupees)	Amount received in words
1	2019-20	Dr. RAMKUMAR S	Electrical and Electronics Engineering	AICTE	Short Term Training Programme (STTP) under AQIS 2019-20	Smart Grid Technologies for Energy Efficiency and active demand side management	Ref. No.34-66/34/FDC/STTP/Policy-1/2019-20	10.08.2020	3,48,333.00	Rupees Three Lakh Forty Eight Thousand Three Hundred Thirty Three only
2	2019-20	Prof. GAGAN S PURAD	Computer Science and Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Theft Identification & Alert through motion detection and facial recognition using IoT	43S_BE_0003	24-04-2020	5,000.00	Rupees Five Thousand only
3	2019-20	Dr. SUJITHA S	Electrical and Electronics Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Design and development of variable frequency ultrasonic pest repeller	43S_BE_0030	24-04-2020	3,000.00	Rupees Three Thousand only
4	2019-20	Dr. NAGENDRA J	Mechanical Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Artificial Intelligence enabled collant monitoring system	43S_BE_0046	24-04-2020	5,500.00	Rupees Five Thousand Five Hundred only
5	2019-20	Dr. MANJUNATHA G	Mechanical Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Fabrication of nano filtered based exhaust system to reduce emission in two wheelers	43S_BE_0053	24-04-2020	6,000.00	Rupees Six Thousand only
6	2019-20	Dr. M S GANESHA PRASAD	Mechanical Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Design and fabrication of solar powered low altitude short endurance drone	43S_BE_0065	24-04-2020	6,000.00	Rupees Six Thousand only
7	2019-20	Dr. H ANANDA VARDHAN Dr. ASHA B M	Biotechnology	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	SSWWTs-7 A Cost effective green approach for waste water treatment	43S_BE_2692	24-04-2020	6,500.00	Rupees Six Thousand Five Hundred only
8	2019-20	Dr. R J ANANDHI Dr. SARAVANAN K	Information Science and Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Chatbot for monitoring mental health	43S_BE_2699	24-04-2020	4,500.00	Rupees Four Thousand Five Hundred only
9	2019-20	Dr. MANGAYARKARASI	Information Science and Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Smart Glasses for Visually challenged people	43S_BE_2702	24-04-2020	4,500.00	Rupees Four Thousand Five Hundred only
10	2019-20	Mrs. A RAFEGA BEHAM Dr. R J ANANDHI	Information Science and Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Bluetooth embedded robotic with agriculture plowing seeding and grass cutting powered by solar energy	43S_BE_2710	24-04-2020	4,500.00	Rupees Four Thousand Five Hundred only
11	2019-20	Dr. R J ANANDHI Mrs. DIVYA K V	Information Science and Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Voice for Paralytic Victims	43S_BE_2702	24-04-2020	4,500.00	Rupees Four Thousand Five Hundred only
12	2019-20	Dr. M JAYANTHI	Electronics and Communication Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Advanced IoT Solutions to monitor underpass water logging	43S_BE_3960	24-04-2020	4,000.00	Rupees Four Thousand only
13	2019-20	Prof. JAYASHEEL KUMAR K A	Automobile Engineering	Karnataka State Council for Science and Technology (KSCST), Indian Institute of Science, Bangalore - 560012	Student Project Programme (SPP)	Battery test rig and battery management system for recycling LI-Ion cells for automobile battery pack	43S_BE_3966	24-04-2020	5,000.00	Rupees Five Thousand only

14	2019-20	Dr. SUJITHA S	Electrical and Electronics Engineering	AICTE	Short Term Training Programme (STTP)	IoT in Renewable Energy Resources Integration to Electricity Grid	Ref. No. 34-65/292/RIFD/STTP/Policy-1/2018-19	12-12-2019	2,50,000.00	Rupees Two Lakh Fifty Thousand only
15	2019-20	Dr. ANANDHI R J	Information Science and Engineering	AICTE	Short Term Training Programme (STTP)	Internet of Things (IoT) Architecture	Ref. No. 34-65/293/RIFD/STTP/Policy-1/2018-19	12-12-2019	2,50,000.00	Rupees Two Lakh Fifty Thousand Only
16	2019-20	Dr. SUJITHA S	Electrical and Electronics Engineering	AICTE	Grant for Organizing Conference (GOC)	Research perspectives: IoT in hybrid grid integrated renewable energy sources	Ref. No. 67-18/76/RIFD/GOC/Policy-1/2018-19	15.11.2019	5,00,000.00	Rupees Five Lakh Only
17	2019-20	Dr. SAINATH A R	Master of Business Administration	AICTE	Grant for Organizing Conference (GOC)	Role of Management Practices in Business Sustainability in an era of Technological Disruptions	Ref. No. 67-45/JDC/RIFD/GOC/Policy-5/2019-20	24.06.2020	1,53,333.00	Rupees One Lakh Fifty Three Thousand Three Hundred Thirty Three Only
18	2019-20	Dr.K GOPALAKRISHNAN	Mechanical Engineering	AICTE	Margdarshan	Share and Mentor Institutions	File No. 58-14/RIFD/Margdarshan/2019-20	06.09.2019	20,00,000.00	Rupees Twenty Lakhs Only
19	2019-20	Dr. SANJEEV SHARMA	Electronics and Communication Engineering	AICTE	MODROB	Modernization of Embedded System Laboratory - Embedded based Internet of Robotic Things (IoRT) Lab	F.No. 9-177/IDC/MODROB/Policy-1/2019-20	20.07.2020	12,60,784.00	Rupees Twelve Lakh Sixty Thousand Seven Hundred Eighty Four Only
20	2019-20	Dr. ANANDHI R J	Information Science and Engineering	AICTE	PRERANA	PRERANA	File No. 72-3/RIFD/Prerana/2018-19	10.12.2019	6,51,667.00	Rupees Six Lakh Fifty One Thousand Six Hundred Sixty Seven Only
21	2019-20	Dr. A B GURULAKSHMI	Electronics and Communication Engineering	CSIR	Symposia Grant Scheme	Impact of Electromagnetic Interference (EMI)/Electromagnetic Compatibility (EMC) on System Design for High Integrity Defence Sector	Ref. No: SYM/10430/19-HRD	13.11.20219	30,000.00	Rupees Thirty Thousand Only
Total									55,03,117.00	Rupees Fifty Five Lakh Three Thousand One Hundred Seventeen Only