

| Institute Name | | NEW HORIZON COLLEGE OF ENGINEERING | | | | | | | |
|-----------------------|------|------------------------------------|--|---|---|---|-----------------|-----------------------------|---|
| India Ranking 2021 ID | | IR-E-C-1371 | | | | | | | |
| Discipline | | ENGINEERING | | | | | | | |
| Parameter | | Sponsored Research Projects | | | | | | | |
| 5D.PRCMP | 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.PRCMP | 1 | 2019-20 | Dr. K. Gopalakrishnan K.C.R. Nisha | Dr. 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 | 11.04.2019 | 111,167 | One Lakh Eleven thousand one hundred and sixty seven Only |
| | 2 | 2019-20 | 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 | 14.04.2019 | 700,000 | Rupees Seven Lakhs Only |
| | 3 | 2019-20 | Dr. K. Gopalakrishnan | FARE, ITCA, Shtula, Saisanket | Travel Grant to 5 Students of NHCE has visited Israel during 26-31 May 2019, 2nd Indo-Israel Space Tech Leadership Programme Delegation with the Support of ITCA | ITCA/Israel/ 21/2019 | 26.05.2019 | 600,000 | Rupees Six Lakhs Only |
| | 4 | 2019-20 | Dr. K. Gopalakrishnan | FARE, ITCA, UNISEC India | Travel Grant to 5 Students of NHCE has visited "The International Summer Space School: Future Space Technologies and Experiments in Space" held at Samara National Research University, Samara, Russia during 17-29 June 2019 with the Support of ITCA/UNISEC India | ITCA-UNISEC India/Russia/ 25/2019-20 | 26.05.2019 | 1,000,000 | Rupees Ten Lakhs Only |
| | 5 | 2019-20 | Dr. K. Gopalakrishnan | CSPD UNISEC India ITCA | Travel Grant to 16 Students and 3 Faculty Members to attend International CanSat/Rocketry Competition 2019 held at Serbia during 04-06 October 2019 with the Support of CSPD, Serbia, UNISEC India and ITCA | CSPD-ITCA- UNISEC India/Russia/ 30/2019-20 | 03.10.2019 | 3,800,000 | Rupees Thirty Eight Lakhs Only |
| | 6 | 2019-20 | Dr. K. Gopalakrishnan K.C.R. Nisha | Dr. CSPD UNISEC India ITCA | Travel Grant to 9 to attend Collaborative Project Meetings at Sapienza University, Rome and 2 to University of Beira Interior, Portugal, Europe, 08-12 Oct 2019 | CSPD-ITCA- UNISEC India/Russia/ 32/2019-20 | 03.10.2019 | 380,000 | Rupees Three Lakhs Eighty Thousand Only |
| | 7 | 2019-20 | Dr. K. Gopalakrishnan | CSPD UNISEC India ITCA | Travel Grant to 5 Students International Workshop on Satellites-COSPAR Event by UNOOSA-Tel Aviv University, Israel held during 26 Oct-04 Nov 2019 | CSPD-ITCA- UNISEC India/Russia/ 35/2019-20 | 24.10.2019 | 600,000 | Rupees Six Lakhs Only |
| | 8 | 2019-20 | Dr. K. Gopalakrishnan K.C.R. Nisha Mr. Sudip Kar | Dr. UNISEC, 7DPlus Tech Co, DRL | Space Lab for Satellite Aptitude Test (SAT) On Wheels" for 7DPlus Technology Company and 75 Students' Satellite Consortium of ITCA/ UNISEC. (2 Years Project) Renewed for 2 Years | UNISEC India/NHCE/ 2019-20 | 25.07.2019 | 6,500,000 | Rupees Sixty Five Lakhs Only |
| | 9 | 2019-20 | Dr. K. Gopalakrishnan Dr. K.C.R. Nisha Dr. S. Mohankumar | ITCA, VIT, BU, DSU, TMI sat, Israel | 7th Indian Technology Congress 2018 held at NIMHANS Convention Centre, 04-05 September 2019 | ITCA/NHCE/ 29 | 05.09.2019 | 700,000 | Rupees Seven Lakhs Only |
| | 10 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Sujitha Dr. S. Mohankumar | ITCA, VIT, BU, DSU, TMI sat, Israel | 3rd International Seminar on Students' Satellites held at NIMHANS Convention Centre, 04-05 September 2019 | ITCA/NHCE/ 2019-20/22A | 05.09.2019 | 900,000 | Rupees Nine Lakhs Only |

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| 5D.PRCMP | 11 | 2019-20 | Dr. K. Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar | ITCA, UNISEC, CSPD, Serbia 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) Renewed | ITCA-UNISEC/Oct/05-2019-20 | 22.10.2019 | 1,800,000 | Rupees Eighteen Lakhs Only |
| | 12 | 2019-20 | Dr. K. Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar | CSPD, Serbia/ITCA, UNISEC, DRL, TSC | Development of "Single Card Satellite-Bus (SiCS-B)": 10 cm x10 cm (Timeline: 24 Months). Indo-Serbia Joint Development. Renewed with CSPD, Serbia | ITCA-UNISEC/Oct/07-2019-21 | 23.10.2019 | 15,000,000 | Rupees One Crore Fifty Lakhs Only |
| | 13 | 2019-20 | Dr. K. Gopalakrishnan Dr. K.C.R. Nisha Mr. Sudip Kar | CSPD, Serbia/ITCA, UNISEC, DRL, TSC | Design and Development of CubeSat 2U; ADSB including Launch Cost; Indo-Israel Joint Development under UNISEC India, ITCA Consortium. Renewed with CSPD, Serbia | ITCA-UNISEC/Oct/09-2019-21 | 26.10.2019 | 27,500,000 | Rupees Two Crores Seventy Five Lakhs Only |
| | 14 | 2019-20 | Dr. K. Gopalakrishnan Dr. K.C.R. Nisha Dr. S. Sujitha Dr. S. Mohankumar | ITCA, UNISEC India, TSC CSPD, Serbia | UNITYSat/SlimSat 0.33U Satellite (Engineering Model Prototype for Qualification Testing & Flight Model) x 3 =1U with Deployer for ITCA Consortium/CSPD Serbia and UNISEC India | ITCA-UNISEC/Nov/14-2019-20 | 19.11.2019 | 11,600,000 | Rupees One Crore Sixteen Lakhs Only |
| | 15 | 2019-20 | Dr. S. Mohankumar Dr. K. Gopalakrishnan | UNISEC India NHECT | Travel Grant to 2 Faculty Members of NHCE has attended 7th UNISEC Global Meeting held during 30 November-05 December 2019 at University of Tokyo, Tokyo, Japan with the Support of UNISEC India. | UNISEC India/Japan/95-2019 | 12.11.2019 | 240,000 | Rupees Two Lakhs Fourty Thousand Only |
| | 16 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar Dr. K.C.R. Nisha Dr. S. Sujitha | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Travel Grant/Collaborative Workshop on CanSat by NHCE R&D Team & Visit to Mentee Institutions of Margdarshan during 31 Aug-01 Sept 2019 at Sri Shakthi Engineering and Technology, Kovai | NHCE-ITCA-UNISEC/08-01-2019 | 17.08.2019 | 50,000 | Rupees Fifty Thousand Only |
| | 17 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar Dr. K.C.R. Nisha Dr. S. Sujitha | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Travel Grant/Collaborative Workshop on CanSat by NHCE R&D Team & Visit to Mentee Institutions of Margdarshan during 16-18 Nov 2019 to PCE, Namakkal and TCE, Madurai | NHCE-ITCA-UNISEC/11-02-2019 | 09.11.2019 | 75,000 | Rupees Seventy Five Thousand Only |
| | 18 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Travel Grant/Collaborative Workshop on CanSat by NHCE R&D Team & Visit to Adhiyamaan College of Engineering, Hosur, JIT, Chennai (Mentee Institute of Margdarshan) 19-20/12/'19 | NHCE-ITCA-UNISEC/12-03-2019 | 24.11.2019 | 60,000 | Rupees Sixty Thousand Only |
| | 19 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar Dr. K.C.R. Nisha Dr. S. Sujitha | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Travel Grant/Collaborative Workshop on CanSat by NHCE R&D Team & Visit to Mentee Institutions of Margdarshan during Workshop on CanSat at JIT, Chennai during 23-30 Jan & 08 Feb 2020; as part of Indo-Serbia Collaborative Programmes. | NHCE-ITCA-UNISEC/01-02/04-2020 | 11.02.2019 | 200,000 | Rupees Two Lakhs Only |
| | 20 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar Dr. K.C.R. Nisha Dr. S. Sujitha | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Travel Grant/Collaborative Workshop on CanSat by NHCE R&D Team & Visit to Mentee Institutions of Margdarshan during Workshop on CanSat at EGS Pillay College of Engineering during 21-24 Feb 2020. | NHCE-ITCA-UNISEC/02-05-2020 | 28.01.2020 | 100,000 | Rupees One Lakhs Only |

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| | 21 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar Dr. K.C.R. Nisha Dr. S. Sujitha | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Travel Grant/Collaborative Workshop on CanSat by NHCE R&D Team & Visit to Mentee Institutions of Margdarshan during Workshop on CanSat at 05-08 March 2020 Dr. Sivanthi Aditanar College of Engineering, Tiruchendur and TCE, Madurai | NHCE-ITCA-UNISEC/03-06-2020 | 21.02.2020 | 100,000 | Rupees One Lakhs Only |
| | 22 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Golden Jubilee celebrations of NHEI: Achievements of Students of R&D cell, Successful Start-ups and Institutions Innovation Council of NHCE | ISBN: 978935407821 7 | 07.07.2020 | 110,000 | Rupees One Lakhs Ten Thousand Only |
| | 23 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar | NHCE, ITCA, TSC UNISEC, CSPD Serbia | Digital Flip Book with ISBN Evolution of The Space Company: TSC Technologies Private Limited-Beyond Horizon-Sky is not the Limit! | ISBN: 978935408466 9 | 15.08.2020 | 110,000 | Rupees One Lakhs Ten Thousand Only |
| | 24 | 2019-20 | Dr. K. Gopalakrishnan Dr. S. Mohankumar | ITCA, TSC UNISEC, CSPD Serbia | Digital Flip Book WCRC Phase 0: International Webinar | Under Progress | 15.08.2020 | 700,000 | Rupees Seven Lakhs Only |
| | 25 | 2019-20 | Prof. Gagan Purad | Karnataka State Council for Science and Technology | Theft Identification & Alert Through Motion Detection and Facial Recognition Using IoT | 43S_BE_0003 | 11.03.2020 | 5000 | Rupees Five Thousand only |
| | 26 | 2019-20 | Dr. Sujitha S | Karnataka State Council for Science and Technology | Design And Deveopment of Variable Frequency Ultrasonic Pest Repeller | 43S_BE_0030 | 11.03.2020 | 3000 | Rupees Three Thousand Only |
| 5D.PRCMP | 27 | 2019-20 | Dr. Nagendra J | Karnataka State Council for Science and Technology | Artificial Intelligence Enabled Coolant Monitoring System | 43S_BE_0046 | 11.03.2020 | 5500 | Rupees Five Thousand Five Hundred Only |
| | 28 | 2019-20 | Dr. Manjunatha G. | Karnataka State Council for Science and Technology | Fabrication of Nano Filtered Based Exhaust System to Reduce Emission in Two Wheelers | 43S_BE_0053 | 11.03.2020 | 6000 | Rupees Six Thousand Only |
| | 29 | 2019-20 | Dr. M.S. Ganesh Prasad | Karnataka State Council for Science and Technology | Design and Fabrication of Solar Powered Low Altitude Short Endurance Drone | 43S_BE_0065 | 11.03.2020 | 6000 | Rupees Six Thousand Only |
| | 30 | 2019-20 | Dr. H Ananda Vardhan Dr. Asha B M | Karnataka State Council for Science and Technology | Sswwts-7 A Cost Effective Green Approach for Wastewater Treatment | 43S_BE_2692 | 11.03.2020 | 6500 | Rupees Six Thousand Five Hundred Only |
| | 31 | 2019-20 | Dr. R J Anandhi Dr. Saravanan | Karnataka State Council for Science and Technology | Chatbot for monitoring Mental health | 43S_BE_2699 | 11.03.2020 | 4500 | Rupees Four Thousand Five Hundred Only |
| | 32 | 2019-20 | Dr. P. Mangayarkarasi | Karnataka State Council for Science and Technology | Smart Glasses for Visually Challenged People | 43S_BE_2702 | 11.03.2020 | 4500 | Rupees Four Thousand Five Hundred Only |
| | 33 | 2019-20 | Mrs. A.Rafega Beham Dr. R.J.Anandhi | Karnataka State Council for Science and Technology | Bluetooth embedded robotic with Agriculture Plowing,Seeding and Grass Cutting Powered by Solar Energy | 43S_BE_2710 | 11.03.2020 | 4500 | Rupees Four Thousand Five Hundred Only |
| | 34 | 2019-20 | Dr. R J Anandhi, Ms. Divya K V | Karnataka State Council for Science and Technology | Voice For Paralytic Victims | 43S_BE_2713 | 11.03.2020 | 4500 | Rupees Four Thousand Five Hundred Only |

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| | 35 | 2019-20 | Dr. M. Jayanthi | Karnataka State Council for Science and Technology | Advanced IoT Solutions to Monitor Underpass Water Logging | 43S_BE_3960 | 11.03.2020 | 4000 | Rupees Four Thousand Only |
| | 36 | 2019-20 | Prof. Jayasheel Kumar K.A. | Karnataka State Council for Science and Technology | Battery Test Rig And Battery Management System For Recycling Li-Ion Cells For Automobile Battery Pack | 43S_BE_3966 | 11.03.2020 | 5000 | Rupees Five Thousand Only |
| | 37 | 2019-20 | EEE DEPT | AICTE | Grant For Organising Conference On Research Perspectives: IoT In Hybrid Grid Integrated Renewable Energy Sources | CR Ref: A/81 | 02.04.2019 | 500,000 | Rupees Five Lakhs Only |
| | 38 | 2019-20 | MHRD HIGHER CAS | MHRD | MHRD Grant | JUL/225 | 06.07.2019 | 6000 | Rupees Six Thousand Only |
| | 39 | 2019-20 | MCA DEPT | AICTE | FDP On High Performance, Grid And Cloud Computing | JUL/709 | 17.07.2019 | 318,000 | Rupees Three Lakhs Eighteen Thousand Only |
| | 40 | 2019-20 | EEE DEPT | AICTE | FDP On Research Perspectives On Power Converters, Controls And Hybrid Grid Integration of Renewable Energy Sources | JUL/710 | 17.07.2019 | 250,000 | Rupees Two Lakhs Fifty Thousand Only |
| | 41 | 2019-20 | ME DEPT | AICTE | AICTE-Towards FDP On Advanced Materials, Processing And Applications /ME Dept | JUL/708 | 17.07.2019 | 250,000 | Rupees Two Lakhs Fifty Thousand Only |
| | 42 | 2019-20 | EEE DEPT | AICTE | STTP On the Role of IoT In Renewable Energy Resources Integration to Electricity Grid | JUL/888 | 19.07.2019 | 150,000 | Rupees One Lakh Fifty Thousand Only |
| 5D.PRCMP | 43 | 2019-20 | ME DEPT | VTU | VTU-Sanction of Financial Assistance for 2018-19 to the Selected Projects of UG Students | AUG/493 | 02.08.2019 | 80,000 | Rupees Eighty Thousand Only |
| | 44 | 2019-20 | RESEARCH | AICTE | Grants from AICTE - Share and Mentor Institutions (MARGDRSHAN) | SEP/1055 | 21.09.2019 | 1,000,000 | Rupees Ten Lakhs Only |
| | 45 | 2019-20 | EEE DEPT | IEEE ACC | Grant Received In IEEE Account | IEEE ACC | 24.10.2019 | 10,180 | Rupees Ten Thousand One Hundred and Eighty only |
| | 46 | 2019-20 | IS DEPT | PRERANA - GRANTS | Grant from AICTE For Conducting Classes for SC/ST Students/ ISE Dept, Dr.Anandhi | DEC/175 | 12.12.2019 | 651,667 | Rupees Six Lakh Fifty One Thousand six hundred and sixty seven Only |
| | 47 | 2019-20 | EEE DEPT | AICTE | International Conference on Research Perspective: IoT In Hybrid Grid Integrated Renewable Energy Sources | DEC/244 | 17.12.2019 | 500,000 | Rupees Five Lakhs Only |
| | 48 | 2019-20 | ECE DEPT | MTS | MTS-NHCE Student Chapter Activities/ Dr Nisha-EC Dept | VGST ACC | 06.01.2020 | 34,967 | Rupees Thirty Four Thousand Nine Hundred and sixty Seven Only |
| | 49 | 2019-20 | CIVIL DEPT | AICTE | MODROBS/Modernization of Concrete Technology Lab & Removal of Obsolescent Equipment/Civil Dept/ Coordinator Dr Niranjana | JAN/132 | 14.01.2020 | 1,200,000 | Rupees Twelve Lakhs Only |
| | 50 | 2019-20 | EEE DEPT | AICTE | EEE- 1-3557599418/1-11989651/NHCE/STTP – Short Term Training Program: RFID/STTP /1-3196365977/ Dr. S. Sujitha | JAN/173 | 16.01.2020 | 250,000 | Rupees Two Lakhs Fifty Thousand Only |
| | 51 | 2019-20 | ISE DEPT | AICTE | ISE Dept- Short Term Training Programme (STTP) | JAN/174 | 16.01.2020 | 250,000 | Rupees Two Lakhs Fifty Thousand Only |
| | 52 | 2019-20 | MBA DEPT | AICTE | MBA Department Grant for Organising Conference (GOC) | MAR/296 | 16.03.2020 | 153,333 | Rupees One Lakh Fifty Three Thousand Three Hundred and Thirty Three Only |
| Total | | | | | | | | 78,599,314 | Rupees Seven Crores Eighty Five Lakhs Ninty Nine Thousand Three Hundred and Fourteen Only |