

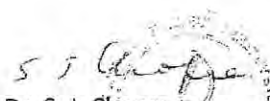
Minutes of SEED Research Grant committee meeting 14th and 15th March 2018

SEED grant provide all necessary financial support and basic facilities to check the feasibility of new research ideas. This grant promotes participation of faculty members of different schools as Principal Investigator for various sponsored projects/schemes to carry out basic research. Our research grant committee members evaluate the proposals and applicants are notified of funding approximately two weeks after the presentations. SEED grant recipients are expected to submit a proposal for external funding. In 2017-2018, 43 proposals of Rs.1,36,64,855 were submitted under SEED grant and after the final evaluation and presentations 29 proposals with total grant of Rs.57,27,000 were approved for research to our faculty members.

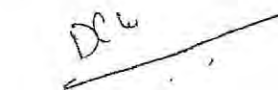
Following are the committee members:

1. Dr. S. J. Chopra – Chancellor
2. Dr. Deependra K Jha – Vice Chancellor
3. Dr. Kamal Bansal- Dean (SoE)
4. Dr. Jitendra K Pandey – Associate Dean (R&D)
5. Dr. Suresh Kumar- Director (SoE)

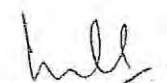
School	No. of Proposals	Fund Requested	Sanctioned Proposals	Fund Requested (Sanctioned Proposals)	Fund Granted
R&D	1	400000	1	400000	315000
SoE	28	10268855	18	6488920	4101000
SoB	6	1191000	5	1191000	621000
SoCS	6	995000	4	780000	490000
SoD	1	410000	1	410000	200000
SoL	1	400000	0	0	0
Total	43	Rs.13664855	29	Rs.9269920	Rs.5727000



Dr. S. J. Chopra
Chancellor



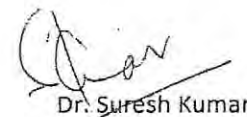
Dr. Deependra K Jha
Vice Chancellor



Dr. Kamal Bansal
Dean- SoE



Dr. Jitendra K Pandey
Associate Dean-R&D



Dr. Suresh Kumar
Director- SoE



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Annexure:

Total SEED Grant Sanctioned 2017-18:

S.No	Title	Investigators	Sanctioned Grant
1	Integrated surface geochemical studies for identification of hydrocarbon prospect in Gohpur and nearby area, Sonitpur district, Assam	Dr Annapurna Boruah Mr. Gaurav Siddharth	150000
2	Development of Novel Indigenous Cathode for Bioelectricity production using two chambered Microbial Fuel Cell (MFC) Reactor	Dr. P Vijay Mr. Debajyoti Bose Dr. M Gopinath	255000
3	Effect of particle morphology on efficiency of Dye Sensitized Solar Cell (DSSC)	Dr. Kanak Pal Singh Parmar Dr. Piyush Kuchhal	240000
4	Solubility enhancement of drugs by recrystallization using liquid antisolvent	Amit Kumar Thakur Rahul Kumar Pranava Chaudhari	300000
5	Conversion of waste sewage sludge to wealth via hydrolysis/methanogenesis and pyrolysis	Dr. V. Chintala Dr. Ashish Karn	362000
6	Experimental and CFD analysis of combustion and emission characteristics of producer gas engine	V Senthikumar Dr. Venkat Chintala Dr. Pankaj Kumar Sharma	170000
7	Novel Strategies to induce bubble coalescence for industrial and naval applications	Dr. Ashish Karn Dr. Abhay Kumar	240000
8	Development of pre-mixed charge compression ignition engine (PCCI) operating on variable compression ratio with vaporized diesel	Dr. Shyam Pandey Dr. P S Ranjit Dr. V. Chintala Mr. Swapnil Bhurat	210000
9	Develop mould filling process for FRP with the help of VARTM/RTM technique and the vibration analysis of the composite structure.	Ms. Lunu Saikia	250000
10	Experimental and Numerical Study on Combustion Characteristics of Micro Combustor With A Bluff Body Flame Stabilization	Dr. Velidi V S S Gurunadh Dr. Rajesh Yadav	20000
11	Effect of Surface protrusions and cavities on Airfoil Aerodynamic Efficiency at low Reynolds Number	Dr. Rajesh Yadav Ms. Aslesha Bodavula	200000
12	Mobile Adaptable Platform for Unmanned Aerial Vehicles	Dr. Vindhya Devalla Dr. Om Prakash Dr. Amit Kumar Mondal	150000
13	Egomotion Estimation of 6 DOF Multirotor in GPS denied Environment	Dr. Vindhya Devalla Dr. Om Prakash Dr. Amit Kumar Mondal	160000
14	Design and implementation of Smart Antenna System using FPGA	Dr. R. Gowri Dr. Abhinav Sharma Dr. Md. Salauddin	200000
15	Design and Analysis of robotic system for minimal invasive surgery	Dr. Mukul Kumar Gupta Dr. Piyush Chauhan Ms. Varnita Verma	200000
16	Design and development of device for the measurement of rain attenuation	Dr. Vivek Kaundal Dr. Amit Kumar Mondal Dr. Adesh Kumar Dr. Rupendra Kr. Pachaur Mr. Mukesh Chandra Kestwal	170500
17	In-situ Monitoring of Industrial Bubbly flows and Bubble Size Control by Continuous Feedback System	Mr. Sri Ragunath V Dr. Ashish Karn	315000

[Handwritten Signature]

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 Research & Innovation

S.No	Title	Investigators	Sanctioned Grant
18	Mobile app based intelligent irrigation system using smart sprinklers.	Dr. Jagdish Chandra Patni Dr. Amit Agarwal Mr. Ravi Tomar	230000
19	Design of Triclustering Techniques for Information Extraction from Microarray and HIV Datasets	Dr. Abhijit Kumar	150000
20	Digital Cancer Diagnosis with Counts of Adenoma and Luminal cells in Plemorphic Adenoma Immunostained in Healthcare System	Dr. Hitesh Kumar Mr. Anil Kumar	50000
21	Decentralized voting System	Dr. Piyush Chauhan Mr. Anil Kumar Ms. Poonam Kainthura	60000
22	Design and Development of a System for Ease of Activities and Services of a Business Incubator: A Business Design Perspective	Dr. Anirban Chowdhury Ms. Richa Choudhary	200000
23	Assessing the Impact of Food Experience and Restaurant Services on Tourist Satisfaction in Rishikesh-Badrinath Yatra Highway	Dr. Devkant Kala Dr. Sunil Barthwal	78000
24	A Study of Determinants and Impact of Digital Divide Among Students in Dehradun	Dr. Alka Dwivedi Dr. Neelu Ahuja Dr. Ratna Banarjee	80000
25	Socio-economic impacts of tourism sector in Uttarakhand : A study based on Dehradun and Nanital District	Dr. Sushil Kumar Rai Dr. Bhartendu Chaturvedi	170000
26	Future of workforce and HR Automation in Infrastructure & Energy Sector Organizations of India	Dr. Sheetal Khanka Dr. Teena Saharan	143000
27	Development of Blended Module for Critical thinking Skills for law Graduate Prfograms	Dr. Priyanka Sharma Khanduja Ms. Dharmita Prasad Ms. Manisha Solanki	150000
28	Plug Flow Bag Digesters for Biogas from Food Wastes	Dr. K. Raghavan Mr. Mainak Mukherjee	493500
29	Real time monitoring and alerting of water bodies: Land dynamics and water quality	Mr. Uppara Rajanikanth Mr. T Dharani Kumar Ms. Amber Hayat Mr. Amitav Choudhary Mr. Keshav Kaushik	330000



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