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3.2.2 Number of research projects per teacher funded by government, non-government, industry, Corporate houses, international bodies during the last five years

Total number of projects during the last five years: 748

Number of research projects funded by government and non-government agencies during the last five years									
Year	·								
Total number of research projects	126	141	141	172	168				



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3.2.2.1 Number of research projects funded by government, non-government, industry, Corporate houses, international bodies during the last five years

Session

2019-20: 172

S.No.	Name of the PI/ Co-PI/Name of the person holding the Chair	Title of the research project, endowments, Research Chairs	Name of the funding agency	Duration	Year of award or sanction	Amount in INR.	Page No.
1	Dr. Samriti Khosla	Indian Beliefs: Analysis in Context of Vedic and modern science	Department of Science and Technology , Government of India	24	2019-20	2819000	1
2	Dr. Rahul Kumar	Insight in to salt stress tolerance mechanism of poor Men's pulse Horsegram using Biochemical and Molecular approaches	Council of Scientific and Industrial Research India, Human Resourse Development Group, New Delhi	36	2019-20	3000000	<u>4</u>
3	Dr. A. Harshavardhan Reddy	Assessment of Soil Contamination and Remediation Techniques	MANKU AGROTECH PRIVATE LIMITED	11	2019-20	153750	<u>5</u>
4	Dr. Aditi Sharma	Exploring the Role of Agricultural Extension Services in Promoting Sustainable Practices	MANKU AGROTECH PRIVATE LIMITED	8	2019-20	181020	<u>6</u>
5	Dr. Ahmad Husain	Characterization of Starch-Based Bio- coatings for Textile Applications	SHREYANS INDUSTRIES LIMITED	4	2019-20	165730	7

6	Dr. Akshay Kumar	Development of Photocatalytic Textiles for Self-Cleaning Properties	SHREYANS INDUSTRIES LIMITED	11	2019-20	213940	<u>8</u>
7	Dr. Akshay Kumar Vats	Impact of Cover Cropping on Soil Erosion and Nutrient Retention	MANKU AGROTECH PRIVATE LIMITED	7	2019-20	236040	<u>9</u>
8	Dr. Amandeep	Assessing the Environmental Impact of Wool Production on Local Fauna	AVANI TEXTILES LIMITED	9	2019-20	222850	<u>10</u>
9	Dr. Anil Kumar	Microbial Consortia in the Bioconversion of Lignocellulosic Biomass	MIDAS AGROFOODS PRIVATE LIMITED	5	2019-20	187100	<u>11</u>
10	Dr. Anil Pawar	Awareness on menstrual hygiene among adolescents	P.P. INDUSTRIES PRIVATE LIMITED	10	2019-20	164690	<u>12</u>
11	Dr. Anita Abrol	Marketing Strategies for Emerging Agricultural Products	MIDAS AGROFOODS PRIVATE LIMITED	5	2019-20	168200	<u>13</u>
12	Dr. Anju Pathania	Evaluating the Effectiveness of Sustainable Weed Management Techniques	MANKU AGROTECH PRIVATE LIMITED	10	2019-20	236420	<u>14</u>
13	Dr. Ankush Gupta	Evaluating the Chemical Stability of Organic vs. Synthetic Dyes in Textiles	SHREYANS INDUSTRIES LIMITED	11	2019-20	206545	<u>15</u>
14	Dr. Ashish Sharma	Analysis of the Impact of E-Commerce on Sales	GENEX INDUSTRIES LIMITED	6	2019-20	160185	<u>16</u>

15	Dr. Ashu sharma	Exploring the Use of Biopesticides for Sustainable Pest Control	MANKU AGROTECH PRIVATE LIMITED	7	2019-20	248590	<u>17</u>
16	Dr. Ashutosh Gupta	Crisis Management Strategies in the Steel Industry	VARDHMAN SPECIAL STEELS LIMITED	8	2019-20	231635	<u>18</u>
17	Dr. Ashutosh Sharma	Assessment of Crop Rotation Effects on Soil Health and Yield	MANKU AGROTECH PRIVATE LIMITED	4	2019-20	238765	<u>19</u>
18	Dr. Bandna Bharti	Investigating the Use of Plant Extracts as Natural Dyes in Textile Production	SHREYANS INDUSTRIES LIMITED	8	2019-20	174310	<u>20</u>
19	Dr. Chayanika Putatunda	Developing Rapid Diagnostic Methods for Foodborne Pathogens in the Food Industry	HEALTHCAPS INDIA LIMITED	5	2019-20	202935	<u>21</u>
20	Dr. Chetan Vasudeva	Renewable Energy Integration in Steel Manufacturing: A Case Study on Solar and Wind Power	H M STEELS LIMITED	5	2019-20	188425	<u>22</u>
21	Dr. Daljit Kaur	Energy Efficiency in Electric Tractors: A Physics-Based Model of Energy Consumption	SWARAJ ENGINES LIMITED, Mohali, Punjab	3	2019-20	192845	<u>23</u>
22	Dr. Deepak Kumar	The Influence of Microbial Diversity on Wine Fermentation Quality	MANKU AGROTECH PRIVATE LIMITED	10	2019-20	237150	<u>24</u>

23	Dr. Gagan Deep	Wireless Communication Systems in Smart Clothing for Remote Health Monitoring	KSM SPINNING MILLS LIMITED	4	2019-20	158995	<u>25</u>
24	Dr. Gagandeep	Navigating Trade Tariffs in the Steel Sector	VARDHMAN SPECIAL STEELS LIMITED	10	2019-20	242790	<u>26</u>
25	Dr. Garima Baluja	The Role of Insurance in Steel Industry Risk Management	G. O. STEEL PRIVATE LIMITED	10	2019-20	232065	<u>27</u>
26	Dr. Geetanjali	Cyber-Physical Systems for Real-time Monitoring and Control in Building Environments	THE SUKHJIT STARCH AND CHEMICALS LIMITED	9	2019-20	220245	<u>28</u>
27	Dr. Girish Kumar	Evaluating the Impact of Textile Production on Endangered Species Habitats	VARDHMAN CHEMTECH LIMITED	7	2019-20	219165	<u>29</u>
28	Dr. Girish Taneja	CSR Practices in the Steel Industry	G. O. STEEL PRIVATE LIMITED	4	2019-20	166275	<u>30</u>
29	Dr. Gitika Nagrath	Stakeholder Engagement in Steel Companies	G. O. STEEL PRIVATE LIMITED	9	2019-20	155470	<u>31</u>
30	Dr. Gopal Singh	Chemical Processes in the Production of Biodegradable Textiles	SHREYANS INDUSTRIES LIMITED	6	2019-20	200825	<u>32</u>
31	Dr. Gurmeet Singh	The Impact of Tire Design on Traction and Fuel Efficiency in Tractors	HERO CYCLES LIMITED, Ludhiana, Punjab	6	2019-20	182270	33

32	Dr. Harminder Singh	Investigating the Use of Supercritical Carbon Dioxide in Textile Dyeing Processes	GANGA ACROWOOLS LIMITED	7	2019-20	212965	<u>34</u>
33	Dr. Harpreet Singh	Blockchain Technology for Supply Chain Management and Transparency	GIGANTIC COMMODITIES PRIVATE LIMITED, Patiala, Punjab	8	2019-20	194505	<u>35</u>
34	Dr. Harpreet Walia	Drug Repositioning using improved k- Nearest Neighbor clustering based on the Personality traits	BONN NUTRIENTS PRIVATE LIMITED	6	2019-20	206465	<u>36</u>
35	Dr. Himani Arora	Mathematical Models for Inventory Control in Retail	GSA INDUSTRIES	10	2019-20	169470	<u>37</u>
36	Dr. Hiteshwari Sabrol	Integrating Machine Learning and Deep Learning Concepts into Computer Science Courses	FREEWILL SPORTS PRIVATE LIMITED, Jalandhar, Punjab	9	2019-20	164440	<u>38</u>
37	Dr. Inam Mohammed	Data Security In Cloud Computing Using Aes Under Heroku Cloud	THAPAR AGRO MILLS LIMITED	8	2019-20	169100	<u>39</u>
38	Dr. Jasbir Rishi	Explore the role of textiles in forming and recalling personal memories.	RAMA KRISHNA KNITTERS PRIVATE LIMITED, Ludhiana, Punjab	3	2019-20	240265	<u>40</u>

39	Dr. Jasweer Kaur	Biochemical Strategies for Improving Crop Resilience to Climate Change: Enzyme Engineering and Genomic Approaches	S S FOOD INDUSTRIES	4	2019-20	199360	<u>41</u>
40	Dr. K. K. Rattu	Assessing the Role of Youth in Modern Agriculture	MEGASTAR FOODS LIMITED	7	2019-20	173010	<u>42</u>
41	Dr. Kailash Nath Kaul	Synthesis of Novel Polymers for Drug Delivery and Biomedical Applications	KWALITY PHARMACEUTICALS LIMITED	7	2019-20	202210	<u>43</u>
42	Dr. Kapil Chaudaha	The Role of Agribusiness in Rural Employment Generation	ANEJA FOODS PRIVATE LIMITED	7	2019-20	192630	44
43	Dr. Karan Paul	Advancements in Biochemical Sensors for Real-Time Monitoring of Environmental Pollutants	S S FOOD INDUSTRIES	11	2019-20	234205	<u>45</u>
44	Dr. Keshav Walia	The Role of Suspension Systems in Cycle Performance: A Physics Perspective	SATYAM AUTO COMPONENTS PRIVATE LIMITED, Ludhiana, Punjab	5	2019-20	184580	<u>46</u>
45	Dr. Komal Jain	The Impact of Nanotechnology in Sports Textiles: Enhancing Athletic Performance in Physical Education	ARIHANT THREADS LIMITED	10	2019-20	160580	<u>47</u>

46	Dr. Lakhmir Singh	Biotechnology Approaches to Enhance the Nutritional Quality of Food Products	BAANI MILK PRODUCER COMPANY LIMITED	11	2019-20	196490	<u>48</u>
47	Dr. Mamta Gupta	Tailored Analytics and Reporting Solutions for Pizzerias' Performance Optimization	BONN NUTRIENTS PRIVATE LIMITED	7	2019-20	230065	<u>49</u>
48	Dr. Mamta Rani	Impact of Gear Ratios on the Performance of Tractors: A Mechanics- Based Analysis	PREET TRACTORS PRIVATE LIMITED, Patiala, Punjab	10	2019-20	230995	<u>50</u>
49	Dr. Manik Sharma	Enhancing Cybersecurity in Data Centres through Artificial Intelligence and Incident Handling	TYNOR ORTHOTICS PRIVATE LIMITED, Mohali, Punjab	4	2019-20	241380	<u>51</u>
50	Dr. Manju Deorari	Exploring the Relationship Between Textile Comfort and Student Engagement in Physical Education Activities	SHARMANJI YARNS PRIVATE LIMITED	8	2019-20	163875	<u>52</u>
51	Dr. Mohinder Pal Garg	Development of Advanced Fuel Injection Systems for Improved Performance in Agricultural Engines	FORTUNE METALS LIMITED	11	2019-20	155010	<u>53</u>
52	Dr. Mohit Sharma	Biotechnological Methods for Improving the Stability and Efficacy of Biopharmaceuticals	BAANI MILK PRODUCER COMPANY LIMITED	5	2019-20	178660	<u>54</u>
53	Dr. Munish Aggarwal	Modeling the Fluid Dynamics of Tractor Hydraulics for Enhanced Efficiency	NUCON SWITCHGEARS PRIVATE LIMITED, Ludhiana, Punjab	5	2019-20	248885	<u>55</u>
54	Dr. Nakul Kundra	Consumer Education and Its Impact on Organic Product Sales	ANEJA FOODS PRIVATE LIMITED	8	2019-20	248315	<u>56</u>

55	Dr. Namrita Kalia	The Role of ISO Standards in Steel Manufacturing	PARAMOUNT STEELS LIMITED	3	2019-20	156425	<u>57</u>
56	Dr. Navneet Singh	Investigating the Acoustic Properties of Tractors: Noise Reduction Techniquest	SAL AUTOMOTIVE LIMITED, Mohali, Punjab	7	2019-20	211510	<u>58</u>
57	Dr. Neha sharma	Impact of Agricultural Policies on Farm Sustainability and Productivity	MIDAS AGROFOODS PRIVATE LIMITED	7	2019-20	208595	<u>59</u>
58	Dr. Nisha Devi	Advances in Chemical Catalysis for Selective Organic Transformations	KWALITY PHARMACEUTICALS LIMITED	3	2019-20	233060	<u>60</u>
59	Dr. Nishi Sondhi	laboratory equipment and experiments using electronic communication technologies	BONN NUTRIENTS PRIVATE LIMITED	9	2019-20	200675	<u>61</u>
60	Dr. Praveen Guleria	Biotechnological Strategies for Enhancing the Efficiency of Biocatalysts in Industrial Processes	SOCCER INTERNATIONAL PRIVATE LIMITED, Jalandhar, Punjab	9	2019-20	210700	<u>62</u>
61	Dr. Praveen Kumar	The Physics of Soil Moisture Retention: Modeling Water Dynamics in Agricultural Soils	SHAKTI APIFOODS PRIVATE LIMITED	3	2019-20	168265	<u>63</u>
62	Dr. Preeti Mehra	Strategic Planning in the Steel Industry	RUDRA ALLOYS PRIVATE LIMITED	7	2019-20	218825	<u>64</u>
63	Dr. Preetinder singh	Mathematical Modeling for Traffic Flow Optimization in Urban Areas	PARTAP INDUSTRIES LIMITED	4	2019-20	213260	<u>65</u>
64	Dr. Puja Rattan	Developing Strategies for Reducing Agricultural Water Footprint	MIDAS AGROFOODS PRIVATE LIMITED	10	2019-20	213925	<u>66</u>
65	Dr. Pushpinder Singh	Development of Eco- Friendly Corrosion Inhibitors for Steel Applications	STELCO LIMITED, Bathinda, Punjab	10	2019-20	198590	<u>67</u>

66	Dr. Rahul Kumar	Assessment of Innovative Farming Techniques for Smallholder Farmers	MIDAS AGROFOODS PRIVATE LIMITED	9	2019-20	187035	<u>68</u>
67	Dr. Raj Bala	Utilizing electronic surveys, data collection, and analysis tools	BONN NUTRIENTS PRIVATE LIMITED	9	2019-20	155205	<u>69</u>
68	Dr. Raj Kumar	Machine Learning Algorithms Based on Mathematical Optimization Techniques	J.K. INDUSTRIES (INDIA) PRIVATE LIMITED	10	2019-20	177080	<u>70</u>
69	Dr. Raj Kumar Seth	Using Spectroscopy to Analyze Crop Health: A Physics Approach to Precision Agriculture	KISSAN FATS LIMITED	6	2019-20	214065	<u>71</u>
70	Dr. Rajesh Joshi	Mathematical Models for Air Pollution Control in Urban Planning	NEXO INDUSTRIES PRIVATE LIMITED	11	2019-20	173745	<u>72</u>
71	Dr. Rajesh Khanna	Impact of Advanced Lubricants on Tractor Engine Efficiency and Longevity in Harsh Agricultural Environments	VITAL STEEL BARS LLP	4	2019-20	182300	<u>73</u>
72	Dr. Rajinder Kaur	Analyzing the Role of Additives in the Steel Making Process for Improved Quality	STELCO LIMITED, Bathinda, Punjab	10	2019-20	184005	<u>74</u>
73	Dr. Rajinder Singh Rekhi	Role of Remote Sensing in Monitoring Crop Health and Growth	MIDAS AGROFOODS PRIVATE LIMITED	4	2019-20	201115	<u>75</u>

74	Dr. Rama Gupta	Thermal Imaging for Crop Monitoring: Analyzing Plant Temperature and Stress	INDIAN SUCROSE LIMITED	4	2019-20	178420	<u>76</u>
75	Dr. Rashmi Sharma	Microbial Strategies for Carbon Capture in Industrial Processes	MANKU AGROTECH PRIVATE LIMITED	10	2019-20	202865	<u>77</u>
76	Dr. Ravish Chatrath	Impact of Organic Farming on Soil Water Retention and Crop Yield	MIDAS AGROFOODS PRIVATE LIMITED	6	2019-20	163395	<u>78</u>
77	Dr. Rekha Gaba	Sustainable Methods for the Synthesis of Fine Chemicals and Pharmaceuticals	KWALITY PHARMACEUTICALS LIMITED	6	2019-20	236345	<u>79</u>
78	Dr. Rekha Handa	Long-term Strategies for Sustainable Growth in Steel Manufacturing	RUDRA ALLOYS PRIVATE LIMITED	10	2019-20	230400	<u>80</u>
79	Dr. Ripu Daman Parihar	The Use of Natural Insect Repellents in Sustainable Textile Production	ARISUDANA INDUSTRIES LIMITED	11	2019-20	179230	<u>81</u>
80	Dr. Ruchi Sood	Evaluating the Benefits of Agroecological Approaches in Crop Production	MIDAS AGROFOODS PRIVATE LIMITED	6	2019-20	171160	<u>82</u>
81	Dr. Ruhidas Ghatak	Exploring the Potential of Urban Agriculture for Food Security	MIDAS AGROFOODS PRIVATE LIMITED	5	2019-20	171075	<u>83</u>
82	Dr. Rupender Kumar	Impact of Soil Fertility Management on Crop Quality and Safety	MIDAS AGROFOODS PRIVATE LIMITED	10	2019-20	190610	<u>84</u>

83	Dr. Rupinder Siyal	Utilizing Biochemical Techniques for the Development of Advanced Diagnostic Tools in Infectious Diseases	S S FOOD INDUSTRIES	10	2019-20	183510	<u>85</u>
84	Dr. Sadhna	Utilizing Data Analytics for Improving Farm Management Decisions	MIDAS AGROFOODS PRIVATE LIMITED	9	2019-20	235070	<u>86</u>
85	Dr. Sakshi Verma	Next-Gen Construction: Integrating Mathematical Modeling and Computer Science	PRITIKA INDUSTRIES LIMITED	11	2019-20	233685	<u>87</u>
86	Dr. Saloni Raheja	Competitive Advantage in the Steel Industry: Key Factors	RUDRA ALLOYS PRIVATE LIMITED	6	2019-20	236645	<u>88</u>
87	Dr. Samriti Khosla	The Role of Electromagnetic Fields in Enhancing Seed Germination	BAANI MILK PRODUCER COMPANY LIMITED	11	2019-20	236480	<u>89</u>
88	Dr. Sandeep Kumar	Innovations in Chemical Processes for the Production of Specialty Polymers	KWALITY PHARMACEUTICALS LIMITED	5	2019-20	169355	<u>90</u>
89	Dr. Sandeep Kumar	Dynamics of Irrigation Systems: Optimizing Water Flow Using Fluid Mechanics	BONN NUTRIENTS PRIVATE LIMITED	3	2019-20	180205	<u>91</u>
90	Dr. Sandeep Vij	Business Model Innovation in Steel Production	RUDRA ALLOYS PRIVATE LIMITED	3	2019-20	191400	<u>92</u>

91	Dr. Sanjeev Kumar Sharma	Graph Neural Networks for Sensory Aroma Prediction in Computer Science in learning environment	KANGARO INDUSTRIES LIMITED	8	2019-20	198080	<u>93</u>
92	Dr. Sapna Sethi	Applications of Supramolecular Chemistry in Developing Advanced Materials	SEL TEXTILES LIMITED	3	2019-20	222045	<u>94</u>
93	Dr. Sarika Verma	Statistical Process Control in Manufacturing	P.P. INDUSTRIES PRIVATE LIMITED	9	2019-20	170940	<u>95</u>
94	Dr. Saruchi	Innovations in Biotechnology for the Development of Smart Wearable Sensors for Health Monitoring	BANSAL ALLOYS AND METALS PRIVATE LIMITED	8	2019-20	230685	<u>96</u>
95	Dr. Satinder Kumar	The Steel Industry in Emerging Markets: Challenges and Opportunities	RUDRA ALLOYS PRIVATE LIMITED	5	2019-20	163725	<u>97</u>
96	Dr. Sharanjit Singh	Design and Development of Autonomous Agricultural Robots for Precision Farming	BHAGWATI LACTO FOODS PRIVATE LIMITED	7	2019-20	240755	<u>98</u>
97	Dr. Shelly Garg	Mathematical Models for Forecasting Energy Demand	NAHAR INDUSTRIAL ENTERPRISES LIMITED	9	2019-20	241095	<u>99</u>
98	Dr. Shivika Sharma	Applying Biotechnology to Develop Novel Methods for Water Purification and Desalination	JAGAT METALS PRIVATE LIMITED	6	2019-20	246410	100

99	Aarti Puri	Study how complexity in textile designs impacts decision-making processes.	SAL AUTOMOTIVE LIMITED, Mohali, Punjab	8	2019-20	155185	<u>101</u>
100	Amandeep Brar	The Role of Yeasts in the Production of Biofuels from Agricultural Waste	BONN NUTRIENTS PRIVATE LIMITED	7	2019-20	172185	102
101	Amanjot Kaur	Supply Chain Resilience in the Face of Natural Disasters	THAPAR AGRO MILLS LIMITED	6	2019-20	188855	<u>103</u>
102	Amanpreet Kaur	Adoption of Blockchain Technology in Agricultural Supply Chains	THAPAR AGRO MILLS LIMITED	9	2019-20	196580	<u>104</u>
103	Amneet Kaur Bhatia	Evaluating the Financial Health of Agricultural Cooperatives	MIDAS AGROFOODS PRIVATE LIMITED	11	2019-20	181565	<u>105</u>
104	Anisha Sindhu	The Impact of Artificial Intelligence on Crop Management	MIDAS AGROFOODS PRIVATE LIMITED	9	2019-20	194120	<u>106</u>
105	Anmol Bajaj	Mathematical Models in Drug Delivery and Pharmacokinetics	PIONEER INDUSTRIES PRIVATE LIMITED	10	2019-20	215960	<u>107</u>
106	Arun Kochar	Fuzzy Logic in Decision Making for Complex Industrial Systems	ARISUDANA INDUSTRIES LIMITED	9	2019-20	154155	<u>108</u>
107	Arvind Mahindru	Mobile application for restaurants and food delivery services to accept online orders and manage delivery logistics.	T.C. TERRYTEX LIMITED, Mohali, Punjab	11	2019-20	203485	<u>109</u>

108	Ashutosh Bhadoria	Real-Time Monitoring of Power Quality in Steel Industry Distribution Networks	VARDHMAN SPECIAL STEELS LIMITED	7	2019-20	233835	110
109	B P S Bedi	Assessing Market Opportunities for Ethnic Foods	ANEJA FOODS PRIVATE LIMITED	5	2019-20	165920	111
110	Bindia	The Impact of Economic Downturns on Steel Production	VARDHMAN SPECIAL STEELS LIMITED	6	2019-20	168460	112
111	Chander Pal Singh	Evaluating the Role of Lightweight Fabrics in Athletic Wear for Enhanced Mobility in Physical Education	VENUS GARMENTS (INDIA) LIMITED	8	2019-20	238985	<u>113</u>
112	Chander Shekhar Dogra	Risk Assessment Models for Steel Projects	VARDHMAN SPECIAL STEELS LIMITED	6	2019-20	206535	114
113	Digvijay Singh	Analyzing Profitability in Community Supported Agriculture (CSA)	ANEJA FOODS PRIVATE LIMITED	3	2019-20	206105	<u>115</u>
114	Ekta	A comparative analysis of different size boilers for their effective performance	RENNY STRIPS PRIVATE LIMITED, Ludhiana, Punjab	11	2019-20	151780	<u>116</u>
115	Garima Jain	The Effect of advertisement on Consumer Brand Preference	ALLIED RECYCLING LIMITED, Ludhiana, Punjab	8	2019-20	244285	117

116	Gaurav Sachdeva	Electric Power Demand Forecasting Using AI in Steel Production Facilities	PARAMOUNT STEELS LIMITED	9	2019-20	246350	<u>118</u>
117	Gaurav Sharma	Integrating Renewable Energy Solutions in Building Design: Feasibility and Economic Analysis	G. O. STEEL PRIVATE LIMITED	11	2019-20	222095	<u>119</u>
118	Geeta Kumari	The Role of Technology in Reducing Agricultural Labor Costs	BONN NUTRIENTS PRIVATE LIMITED	6	2019-20	202965	<u>120</u>
119	Gurdeep Singh	Optimizing Power Transmission Systems in Tractors: Enhancing Engine Efficiency and Reliability	AARTI STEELS LIMITED	8	2019-20	176015	<u>121</u>
120	Hardeep singh	Regenerative Braking Systems in Tractors: Energy Recovery and Its Impact on Engine Efficiency	BANSAL ALLOYS AND METALS PRIVATE LIMITED	6	2019-20	158165	122
121	Hari Krishan Singh	Impact of Food Labeling on Consumer Choices	BONN NUTRIENTS PRIVATE LIMITED	4	2019-20	223435	<u>123</u>
122	Harish Kumar Garg	Integration of Internet of Things (IoT) in Tractor Engine Systems for Real-Time Monitoring and Optimization	HERO STEELS LIMITED	8	2019-20	187060	<u>124</u>

123	Harjinder Kaur	Assessing the Effects of Chemical Treatments on the Flame Retardancy of Fabrics	GANGA ACROWOOLS LIMITED	3	2019-20	164215	<u>125</u>
124	Harjot Kaur	Investigate the effects of using specific textiles in therapeutic settings (e.g., hospitals).	D D INTERNATIONAL PRIVATE LIMITED, Amritsar, Punjab	8	2019-20	183130	<u>126</u>
125	Harkiran Kaur	Improving communication networks and systems within the nursing home for efficient information exchange among staff	GROSPINZ FABZ LIMITED, Muktsar, Punjab	9	2019-20	195390	<u>127</u>
126	Harpreet Kaur	The Impact of CSR on Brand Loyalty in Steel Firms	G. O. STEEL PRIVATE LIMITED	6	2019-20	245305	<u>128</u>
127	Inderjit Singh	Electrically Conductive Leather for Flexible Electronic Devices	AVANI TEXTILES LIMITED	9	2019-20	205765	<u>129</u>
128	Indu Barwal	Exploring the Potential of Plant Biotechnology in Producing Novel Therapeutics and Vaccines	BAANI MILK PRODUCER COMPANY LIMITED	5	2019-20	193395	130
129	Jashandeep Kaur	Investigate the psychological impact of fast fashion on consumer anxiety and stress.	AVANI TEXTILES LIMITED	5	2019-20	220630	<u>131</u>

130	Jiwan Bala Khosla	Impact of Government Policies on Agricultural Export Performance	PREET AGRO INDUSTRIES PRIVATE LIMITED	7	2019-20	230690	<u>132</u>
131	Kewal Krishan	Transparency and Ethical Practices in Steel Manufacturing	G. O. STEEL PRIVATE LIMITED	9	2019-20	166915	133
132	Mandeep Kaur	Fire Resistance of Steel Structures: Experimental Studies and Design Recommendations	SWARAJ ENGINES LIMITED, Mohali, Punjab	11	2019-20	242405	<u>134</u>
133	Mandeep Kaur	Community Development Initiatives by Steel Companies	PARAMOUNT STEELS LIMITED	10	2019-20	223365	<u>135</u>
134	Manpreet Kaur	Role of Soil Microbial Communities in Decomposing Organic Matter	MIDAS AGROFOODS PRIVATE LIMITED	10	2019-20	162165	<u>136</u>
135	Manpreet singh	Assisting in implementing telemedicine solutions and remote monitoring systems	BASSI ALLOYS PRIVATE LIMITED	4	2019-20	201875	<u>137</u>
136	Megha Laroia	Quality Assurance Practices in Steel Production	PARAMOUNT STEELS LIMITED	7	2019-20	244030	<u>138</u>
137	Nater Singh	Exploring Hydrogen Fuel Cell Technology for Tractor Engines: A Zero-Emission Future for Agriculture	VITAL STEEL BARS LLP	11	2019-20	200970	<u>139</u>

138	Navdeep Kaur	Optimization of Financial Portfolios Using Markowitz Theory	SHARU INDUSTRIES PRIVATE LIMITED	4	2019-20	194925	<u>140</u>
139	Naveen Bilandi	Software for identifying attacks and defences on medical deep learning systems	STELCO LIMITED, Bathinda, Punjab	11	2019-20	221905	<u>141</u>
140	Nirja Kumari	Testing the Quality of Evaluation of Football Academy Building	BONN NUTRIENTS PRIVATE LIMITED	8	2019-20	172055	<u>142</u>
141	Nishi	Automatic Human Emotion Recognition System using Facial Expressions with Convolution Neural Network	PUNJAB LEATHER PROCESSORS PRIVATE LIMITED	10	2019-20	153970	143
142	Nivedita Gupta	Evaluating the Benefits of Crop Diversification for Farmers	ANEJA FOODS PRIVATE LIMITED	8	2019-20	230910	144
143	Pallavi Rattan	The Impact of Quality Control on Customer Satisfaction in the Steel Industry	PARAMOUNT STEELS LIMITED	10	2019-20	233725	<u>145</u>
144	Pankaj Kumar	Investigation of Corrosion Resistance in Alloyed Steel: Chemical Composition Effects	STELCO LIMITED, Bathinda, Punjab	10	2019-20	174595	<u>146</u>
145	Parvinder Singh	Wear and Tear Analysis of Tractor Engine Components: Improving Durability and Maintenance Intervals	FORTUNE METALS LIMITED	7	2019-20	197015	<u>147</u>

146	Pooja Sharma	Software for website crawling tools, web analytics platforms SEO tools for comprehensive link analysis.	ARIHANT FABRICS LIMITED	3	2019-20	215195	<u>148</u>
147	Poorva	Lean Manufacturing Techniques in Steel Production	PARAMOUNT STEELS LIMITED	11	2019-20	187095	<u>149</u>
148	Prabhjot Kaur	The Impact of Textile Chemicals on Terrestrial and Aquatic Wildlife	AVANI TEXTILES LIMITED	6	2019-20	169490	<u>150</u>
149	Pranjal Pachpore	Failure Analysis in Steel Products	PARAMOUNT STEELS LIMITED	7	2019-20	186810	<u>151</u>
150	Preeti	Impact of Digital Platforms on Agricultural Market Access	ANEJA FOODS PRIVATE LIMITED	10	2019-20	225735	<u>152</u>
151	Puneet Sharma	The Role of Mergers and Acquisitions in Steel Sector Growth	RUDRA ALLOYS PRIVATE LIMITED	3	2019-20	152505	<u>153</u>
152	Rahul Hans	Data-Driven Customer Relationship Management Systems for Targeted Marketing Campaigns	NAHAR INDUSTRIAL ENTERPRISES LIMITED	4	2019-20	204505	<u>154</u>
153	Rahul Mehta	Examining the Efficacy of Bacteriocins in Food Preservation	HEALTHCAPS INDIA LIMITED	6	2019-20	246670	<u>155</u>
154	Rajnish sharma	The Future of Agribusiness: Trends and Predictions	PREET AGRO INDUSTRIES PRIVATE LIMITED	3	2019-20	211040	<u>156</u>
155	Ram Avtar	Exploring the Use of Precision Agriculture for Reducing Input Costs	MIDAS AGROFOODS PRIVATE LIMITED	4	2019-20	192225	<u>157</u>
156	Randeep Kaur Kaila	The Role of Sustainable Practices in Attracting Investment	PUNJAB BASMATI RICE LIMITED	7	2019-20	233215	<u>158</u>

157	Ranjodh Singh	Smart Steel Structures: Integrating Sensors for Real-Time Monitoring and Maintenance	BCL INDUSTRIES LIMITED	9	2019-20	187785	<u>159</u>
158	Rhythm Walia	Study psychological barriers to adopting new textile technologies (e.g., smart textiles).	JAIN AMAR CLOTHING PRIVATE LIMITED	10	2019-20	189960	<u>160</u>
159	Ridhi Kapoor	Quantifying quality of WEB sites based on content	HIGHWAY INDUSTRIES LIMITED	4	2019-20	176145	<u>161</u>
160	Rohin Kaushik	The Role of Building Information Modeling (BIM) in Enhancing Project Coordination and Efficiency	GSA INDUSTRIES	5	2019-20	180270	<u>162</u>
161	Rohit Chauhan	The Use of Steel in Fitness Equipment: Impact on Durability and Performance in Physical Education	RAIPUR POWER AND STEEL LIMITED	7	2019-20	213515	<u>163</u>
162	Sandeep Kumar	Developing Business Models for Sustainable Fisheries Management	PREET AGRO INDUSTRIES PRIVATE LIMITED	11	2019-20	198470	<u>164</u>
163	Sangeeta Monga	Design of Textile-Based Antennas for Wearable Communication Systems	JAIN AMAR CLOTHING PRIVATE LIMITED	5	2019-20	243715	<u>165</u>
164	Sanjeev Kumar Dhiman	Implementing IoT (Internet of Things) and sensor-based technologies for smart building systems	SETH INDUSTRIAL CORPORATION	7	2019-20	205235	<u>166</u>
165	Satish Singh Pundir	Assessing the Environmental Impacts of Construction Activities: Sustainable Practices and Regulations	FORTUNE METALS LIMITED	8	2019-20	240500	<u>167</u>

166	Saveena Bogtapa	Exploring the Potential of Protein-Based Fibers from Animal Sources in Textiles	VENUS GARMENTS (INDIA) LIMITED	3	2019-20	199695	<u>168</u>
167	Seema Sharma	Design of Advanced Harmonic Filters for Power Systems in Steel Mills	VITAL STEEL BARS LLP	9	2019-20	191005	<u>169</u>
168	Shefali Ravash	Consumer Willingness to Pay for Eco-Friendly Agricultural Products	PREET AGRO INDUSTRIES PRIVATE LIMITED	8	2019-20	211680	<u>170</u>
169	Shifali Katoch	Security Challenges and Solutions in Internet of Things (IoT) Networks	FORTUNE METALIKS LIMITED	4	2019-20	176700	<u>171</u>
170	Shivali Puri	Assessing the Bioavailability of Herbal Extracts in Traditional Medicine Formulations	IOL CHEMICALS AND PHARMACEUTICALS LIMITED	11	2019-20	197525	<u>172</u>
171	Shruti Badhwar	The Role of Technology in Enhancing Agricultural Productivity	PREET AGRO INDUSTRIES PRIVATE LIMITED	7	2019-20	180670	<u>173</u>
172	Sidhartha Sharma	Regional Analysis of Steel Demand and Supply	RUDRA ALLOYS PRIVATE LIMITED	3	2019-20	230570	<u>174</u>

No. DST/TDT/SHRI-23/2018 (G)

Government of India Ministry of Science & Technology Department of Science & Technology (Technology Development & Transfer)

Technology Bhavan, New Delhi Dated.15.10.2019.

ORDER

Sub: - Financial support for the project entitled "Indian Beliefs: Analysis in context of Vedic and Modern science" by Dr Samriti Khosla, Associate Professor, Department of Physics, DAV University Jalandhar-144012- Release of the first installment regarding.

Sanction of the President is hereby accorded to the approval to the above mention project at a total cost of Rs. 28,19,000/- (Rupees Twenty-Eight Lakh Nineteen Thousand Only) for the duration of 2 years. The detailed breakup of the grant for general as well as capital components are given below:-

General Component: Rs. 22,44,000/-

Capital Component: Rs. 5,75,000/-

SI No	Items	Budget				
51 10		1st year	2nd year	Total		
1.	Manpower					
-	ICT expert@Rs. 30,000 p.m	3,60,000	3,60,000	7,20,000		
	2 -Field worker @ Rs. 15,000 p.m	3,60,000	3,60,000	7,20,000		
	Consumables	1,00,000	1,00,000	2,00,000		
3	Travel	1.00,000	1,00,000	2,00,000		
<u>ن.</u>	Other Cost	1.00,000	1,00,000	2,00,000		
	Overhead expenses (10%)	1.02.000	1,02,000	2,04,000		
D.	Total	11,22,000	11,22,000	22,44,000		

- The sanction of the President is also accorded to the release ₹11,22,000/- (Rupees Eleven Lakh Twenty-Two Thousand Only) to the "Registrar, DAV University Jalandhar-144012" being the first installment of grant under "General Component" for the above mentioned project.
- 3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grant received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
- 4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
- 5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the release Capital head grant.
- 6. The grant-in-aid being released is subject to the condition that
 - a) A transparent procurement procedure in line with Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

Registrar DAV University, Jalandhar

ATTESTED

- b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to be ensure submission of supporting documentary evidences with regard of the purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
- 7. As per the GFR 2017 Rule 230 (8) the Grantee Institute should ensure that all the interests or other earnings against Grant-in-Aid or advances (other than reimbursement) released to any Grantee institution should be mandatorily remitted to the Consolidated Fund of India immediately after finalization of the accounts. Such advances will not be allowed to be adjusted against future releases.
- 8. As per the GFR 2017 Rule 230 (17) "the Grantee Institute should agree to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India".
- 9. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. www.bharatkosh.gov.in), immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/ Utilization Certificate for considering subsequent release of Grant/ Closure of Project accounts.
 - 10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
 - 11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
 - 12. Due acknowledgement of technical support/ financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publication / media release as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
 - 13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debatable to Demand No.86, Department of Science & Technology for the year 2019-20:

3425	Other Scientific Research (Major Head)
60	Others
60.200	Assistance to Other Scientific Bodes (Minor Head)
70	Innovation, Technology Development & Deployment
70.00.31	Grants-in-aid General for the year 2019-20
	Previous: TDP-NRDMS-3425.60.200.26.01.31

15. The amount of ₹11,22,000/- (Rupees Eleven Lakh Twenty-Two Thousand Only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to "Registrar, DAV University Jalandhar-144012".

Juniory 19

Registrar
DAV University, Jalandhar

16. The bank details for electronic transfer of funds through RTGS are given below:

Name of A/C Holder	Project Account, DAV	
Bank A/C No	33746655047	
Name of the Bank & branch	State Bank of India, Sarmastpur	
RTGS/IFSC code	SBIN0016307	

- 17. As per Rule 234 of GFR 2017, the sanction has been entered at S. No. **265** in the register of grants maintained in the Technology Development and Transfer Division.
- 18. This issues with the concurrence of IFD Vide their Concurring Dy. No. C/3529/IFD/2019-20 dated 29.09.2019.
- 19. As per the Rule of GFR 2017, it is mandatory for the grantee organization to purchase the equipment through the Government e-Marketplace (GeM), to the extant available there as the project involves government funding.

(Dr. Akhilesh Mishra) Scientist-D Tel: 26590254

To

The Pay and Accounts Officer, Department of Science & Technology, New Delhi.

Copy of information and necessary action to: -

- The Principal Director of Audit, Scientific Department, Ilird floor, AGCR Building, I.P. Estate, New Delhi.
- 2. Drawing and Disbursing Officer, DST, Cash Section. (two copies)
- 3. Dr. Samriti Khosla,

Associate Professor, Department of Physics,

DAV University Jalandhar-144012

4. Registrar,

DAV University Jalandhar-144012

- 5. The Controller of Accounts, DST
- 6. Head(TDT), DST
- 7. Sanction folder (TDT).
- 8. File copy.

(Dr. Akhilesh Mishra) Scientist-D

ATTESTED

Registrar
DAV University, Jalandhar



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

EXTRAMURAL RESEARCH DIVISION

CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 38(1477)/19/EMR-II

From : Head, Human Resources Development Group

Dated: 03-07-2019

To

DR RAHUL KUMAR DEPT OF AGRICULTURE DAV UNIV JALANDHAR 144012 PUNJAB

Subject

Grants-In-aid for your scheme entitled <u>INSIGHT INTO SALT STRESS TOLERANCE MECHANISM OF POOR MEN'S PULSE HORSEGRAM (Macrotvioma uniforum (LAM.) VERDC) USING BIOCHEMICAL AND MOLECULAR APPROACHES</u>

2.

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of C3IR as per the details given below.

Duration of the Scheme (from the date of Commencement)	36 Months
Staff -	1JRF
Contingency (per arrunality 3)	14 Year 4 00,000 2nd Year : 3,00 000 3nd Year : 3,00 000
Equipment (in 12 sum in 15	7,00,000

- The above sanction is subject to review of periodical progress of the project by expert committee.
- © DG CSIR has also approved the release of the following grants for the period 01/06/2019 to 31/03/2020

No	Grants .	Amount (in ₹)
T	Staff	1,20,000
II	Contingency	3,33,333
III	Equipment	7,00,000
	Total:	11,53,333

4. Sanction of grants is subject to strict compliance of the terms and conditions enclosed or as may be modified from time to time. Please go through the instructions carefully with regard to subsequent release of grants and your obligations under this sanction. The grant for the installment will be sent through EFT (Electronic Funds Transfer), to the concerned authority of your institution on receipt of undertaking (form-A), non-funding certificate and EFT Transaction Request Form.

The expenditure is debitable to budget head P81102.

Yours faithfully

SECTION OFFICER (EMR-II)

Finel: As above

Copy to :-

1. Registrar/Principal/Director DAV University Jalanthay -14 of the Lungab utilisation of grant is subject to compliance of para-1 of the terms and conditions stated overleaf.

2. Sr F&AO(EMR) along to FVC for first year's grant.

Registrar
DAV University, Jalandhar



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/32

31:07:19

Sanction Order

To,

Dr. A. Harshavardhan Reddy,

Assistant Professor, Agriculture Sciences,

DAV University, Jalandhar-Pathankot, National Highway.

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Assessment of Soil Contamination and Remediation Techniques" - Reg.

Dear Sir/Madam.

I am directed to convey the administrative approval to sanction Rs. 153750/- (Rupees One Lakh FiftyThree Thousand Seven Hundred Fifty Only) for the execution of the project entitled "Assessment of Soil Contamination and Remediation Techniques"

As per the decision, an amount of Rs. 153750/- (Rupees One Lakh FiftyThree Thousand Seven Hundred Fifty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Assessment of Soil Contamination and Remediation Techniques". The maximum duration of the project is not more than 11 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

ATTESTED

DAV University, Jalanche



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/41

06:11:19

Sanction Order

To,

Dr. Aditi Sharma,

Assistant Professor, Agriculture Sciences,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Exploring the Role of Agricultural Extension Services in Promoting Sustainable Practices" – Reg.

Dear Sir/Madam,

I am directed to convey the administrative approval to sanction Rs. 181020/- (Rupees One Lakh EightyOne Thousand Twenty Only) for the execution of the project entitled "Exploring the Role of Agricultural Extension Services in Promoting Sustainable Practices"

As per the decision, an amount of Rs. 181020/- (Rupees One Lakh EightyOne Thousand Twenty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Exploring the Role of Agricultural Extension Services in Promoting Sustainable Practices". The maximum duration of the project is not more than 8 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

DAY Unit HEGISTED



Sahabana Chandigarh Road Ludhiana - 141123 Punjab (INDIA)

L.NO/SIL/2019-20/90

Date: 29/10/2019

SANCTION ORDER

To
Dr. Ahmad Husain,
Assistant Professor, Chemistry,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Characterization of Starch-Based Bio-coatings for Textile Applications" - Reg.

Dear Sir,

Based on the proposal submitted by Dr. Ahmad Husain, I am pleased to convey the administrative approval for a grant of Rs.165730/- (Rupees One Lakh SixtyFive Thousand Seven Hundred Thirty Only) to implement project titled " Characterization of Starch-Based Bio-coatings for Textile Applications".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Ocean Pearl will monitor and coordinate the project either directly.

Manager Mrs Piptika

SHREYANSINDUSTRIESLIMITED



Sahabana Chandigarh Road Ludhiana - 141123 Punjab (INDIA)

L.NO/SIL/2019-20/78

Date: 01/11/2019

SANCTION ORDER

To
Dr. Akshay Kumar,
Assistant Professor, Chemistry,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Development of Photocatalytic Textiles for Self-Cleaning Properties" - Reg.

Dear Sir,

Based on the proposal submitted by Dr. Akshay Kumar, I am pleased to convey the administrative approval for a grant of Rs.213940/- (Rupees Two Lakh Thirteen Thousand Nine Hundred Fourty Only) to implement project titled " Development of Photocatalytic Textiles for Self-Cleaning Properties".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Ocean Pearl will monitor and coordinate the project either directly.

Manager Mry Rystka

SHREYANSINDUSTRIESLIMITED



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/36

15:09:19

Sanction Order

To.

Dr. Akshay Kumar Vats,

Assistant Professor, Agriculture Sciences,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Impact of Cover Cropping on Soil Erosion and Nutrient Retention" - Reg.

Dear Sir/Madam.

I am directed to convey the administrative approval to sanction Rs. 236040/- (Rupees Two Lakh ThirtySix Thousand Fourty Only) for the execution of the project entitled "Impact of Cover Cropping on Soil Erosion and Nutrient Retention"

As per the decision, an amount of Rs. 236040/- (Rupees Two Lakh ThirtySix Thousand Fourty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project—"Impact of Cover Cropping on Soil Erosion and Nutrient Retention". The maximum duration of the project is not more than 7 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

DAV Registrar



Ref. No. ATL/Funding/2019

Dated: 22-07-19

Sanction Order

To,

Dr. Amandeep

Assistant Professor, Zoology

DAV University

Jalandhar

Subject: Sanction of project amount for "Assessing the Environmental Impact of Wool Production on Local Fauna"-Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 222850/- (Rupees Two Lakh TwentyTwo Thousand Eight Hundred Fifty Only) as the budget- in-aid for the project entitled "Assessing the Environmental Impact of Wool Production on Local Fauna".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back to AVANI Pvt. Itd

Managing Director AVANI Pvt. ltd

Rural Focal Point, Bhindran, Punjab 148001

ATTESTED

Registral

DAV University, Jalandhar



Opp. HP Petrot Pump, Mudki Road, Bagha Purana, Punjab 142038

Ref: MIDAS/2019/88 2019 27-December-

Sanction Order

To,

Dr. Anil Kumar, Assistant Professor, Microbiology, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Microbial Consortia in the Bioconversion of Lignocellulosic

Biomass" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 187100/- (Rupees One Lakh EightySeven Thousand One Hundred Only) for the execution of project entitled "Microbial Consortia in the Bioconversion of Lignocellulosic Biomass".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



A-16 NEW FOCAL POINT DABWALI ROAD, BATHIND, Punjab, India - 151001

Ref: PP/2019-20/30

Date: 10/November/2019

To Dr. Anil Pawar, Assistant Professor, Zoology, DAV University.

<u>Subject:</u> Amount sanctioned to execute project entitled "Awareness on menstrual hygiene among adolescents" - Reg.

Dear Sir.

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs.164690/- (Rupees One Lakh SixtyFour Thousand Six Hundred Ninety Only) for the execution of the project entitled "Awareness on menstrual hygiene among adolescents".

Asper the decision, an amount of Rs. 164690/- (Rupees One Lakh SixtyFour Thousand Six Hundred Ninety Only) will be released as the budget-in-aid to DAV University, Jalandhar, Punjab, INDIA for the execution of the project - "Awareness on menstrual hygiene among adolescents".

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period.
- ii) Any part of the grant amount unused or not required shall be surrendered back.

Chief Operating Officer

ATTESTED



Opp. HP Petrol Pump, Mudki Road, Bagha Purana, Punjab 142038

Ref: MIDAS/2019/71

15-October-2019

Sanction Order

To,

Dr. Anita Abrol, Assistant Professor, English, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Marketing Strategies for Emerging Agricultural Products" -

Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 168200/- (Rupees One Lakh SixtyEight Thousand Two Hundred Only) for the execution of project entitled "Marketing Strategies for Emerging Agricultural Products".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/18

10:05:19

Sanction Order

To,

Dr. Anju Pathania,

Associate Professor, Agriculture Sciences,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Evaluating the Effectiveness of Sustainable Weed Management Techniques" – Reg.

Dear Sir/Madam,

I am directed to convey the administrative approval to sanction Rs. 236420/- (Rupees Two Lakh ThirtySix Thousand Four Hundred Twenty Only) for the execution of the project entitled "Evaluating the Effectiveness of Sustainable Weed Management Techniques"

As per the decision, an amount of Rs. 236420/- (Rupees Two Lakh ThirtySix Thousand Four Hundred Twenty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Evaluating the Effectiveness of Sustainable Weed Management Techniques". The maximum duration of the project is not more than 10 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

ATTESTED

Registrar



Sahabana Chandigarh Road Ludhiana - 141123 Punjab (INDIA)

L.NO/SIL/2019-20/95

Date: 15/05/2019

SANCTION ORDER

To
Dr. Ankush Gupta,
Assistant Professor, Chemistry,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Evaluating the Chemical Stability of Organic vs. Synthetic Dyes in Textiles" - Reg.

Dear Sir,

Based on the proposal submitted by Dr. Ankush Gupta, I am pleased to convey the administrative approval for a grant of Rs.206545/- (Rupees Two Lakh Six Thousand Five Hundred FourtyFive Only) to implement project titled " Evaluating the Chemical Stability of Organic vs. Synthetic Dyes in Textiles".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Ocean Pearl will monitor and coordinate the project either directly.

Manager Mry Riptika

SHREYANSINDUSTRIESLIMITED

ATTESTED

DAV University, Jalandhar

Registrar



E 509, Focal Point Phase 6, Focal Point, Ludhiana, Punjab 141010

Ref: GIL/2019-20/45

Dt: 01-07-2019

Project Money Order

To,
Dr. Ashish Sharma,
Assistant Professor, Botany and
Environment Science
DAV University,
Jalandhar.

Subject: Amount sanctioned for implementing the project titled "Analysis of the Impact of E-Commerce on Sales"-Reg.

Dear Sir,

With this communication, I wish to inform that The GENEX INDUSTRIES, Punjab has conferred Rs. 160185/- (Rupees One Lakh Sixty Thousand One Hundred EightyFive Only) as the budget-in- aid for the project entitled "Analysis of the Impact of E-Commerce on Sales". The maximum duration of the project is not more than 6 months.

Accordingly, the grant will be released for DAV University, Jalandhar to complete the project successfully.

Note: The grant amount shall be

spent for the project within the specified time;

 Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Cloud Technologies.

Form, GENEX INDUSTRIES Pvt. Ltd.,

ATTESTED



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/37

07:10:19

Sanction Order

To.

Dr. Ashu sharma,

Assistant Professor, Agriculture Sciences,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Exploring the Use of Biopesticides for Sustainable Pest Control" - Reg.

Dear Sir/Madam,

I am directed to convey the administrative approval to sanction Rs. 248590/- (Rupees Two Lakh FourtyEight Thousand Five Hundred Ninety Only) for the execution of the project entitled "Exploring the Use of Biopesticides for Sustainable Pest Control"

As per the decision, an amount of Rs. 248590/- (Rupees Two Lakh FourtyEight Thousand Five Hundred Ninety Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Exploring the Use of Biopesticides for Sustainable Pest Control". The maximum duration of the project is not more than 7 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Eufur Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

ATTESTED

DAV University, Jalandhar

Registrar



VARDHMAN SPECIAL STEELS LIMITED

C-58, Focal Point, Ludhiana, Punjab 141 010

Doc.No: VSL/19-20/12

Date: 7/27/2019

SANCTION LETTER

To

Dr. Ashutosh Gupta,

Assistant Professor, Commerce Business Management and Economics,

DAV University,

Jalandhar.

Subject: Sanction order for the implementation of project titled "Crisis Management Strategies in the Steel Industry"- Reg.

Dear Sir.

Based on the proposal submitted by Dr. Ashutosh Gupta I am pleased to convey the administrative approval for a grant of Rs.231635/- (Rupees Two Lakh ThirtyOne Thousand Six Hundred ThirtyFive Only) to implement project titled "Crisis Management Strategies in the Steel Industry".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 8 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. VARDHMAN SPECIAL STEELS Ltd. will monitor and coordinate the project either directly.

Managing Director

ATTESTED



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/22

26:06:19

Sanction Order

To.

Dr. Ashutosh Sharma,

Assistant Professor, Agriculture Sciences,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Assessment of Crop Rotation Effects on Soil Health and Yield" - Reg.

Dear Sir/Madam.

I am directed to convey the administrative approval to sanction Rs. 238765/- (Rupees Two Lakh ThirtyEight Thousand Seven Hundred SixtyFive Only) for the execution of the project entitled "Assessment of Crop Rotation Effects on Soil Health and Yield"

As per the decision, an amount of Rs. 238765/- (Rupees Two Lakh ThirtyEight Thousand Seven Hundred SixtyFive Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project—"Assessment of Crop Rotation Effects on Soil Health and Yield"". The maximum duration of the project is not more than 4 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

ATTESTED

Registrar DAV University, Jalandhar



Sahabana Chandigarh Road Ludhiana - 141123 Punjab (INDIA)

L.NO/SIL/2019-20/48

Date: 17/06/2019

SANCTION ORDER

To
Dr. Bandna Bharti,
Assistant Professor, Chemistry,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Investigating the Use of Plant Extracts as Natural Dyes in Textile Production" - Reg.

Dear Madam,

Based on the proposal submitted by Dr. Bandna Bharti, I am pleased to convey the administrative approval for a grant of Rs.174310/- (Rupees One Lakh SeventyFour Thousand Three Hundred Ten Only) to implement project titled "Investigating the Use of Plant Extracts as Natural Dyes in Textile Production".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Ocean Pearl will monitor and coordinate the project either directly.

Manager Mrs Piptika

SHREYANSINDUSTRIESLIMITED

ATTESTED



Ref. No. HIL/2019-20/12

Dated: 12/06/2019

SANCTION ORDER

To, Dr. Chayanika Putatunda Assistant Professor, Microbiology DAV University, Jalandhar.

Subject: Funding approval for the implementation of project titled "Developing Rapid Diagnostic Methods for Foodborne Pathogens in the Food Industry"-Reg.

Dear Sir/Madam,

I am directed to convey the sanction to a sum Rs. 202935/-(2019-20) only in favour of Dr. Chayanika Putatunda, DAV University to meet recurring expenditure to implement a project titled "Developing Rapid Diagnostic Methods for Foodborne Pathogens in the Food Industry". The implementing agency is requested to utilize this amount within the project timeline period and as per terms of the above mentioned agreement. The duration of the project shall not be exceeded by more than 5 Months.

HEALTHCAPS INDIA pvt ltd. monitor and coordinates the project either directly. Payments will be made based on the performance and as per approved Project Perspective Work Schedule, terms and conditions. The grant amount shall be spent for the project within the specified time. Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to HEALTHCAPS INDIA pvt ltd.

Manager

Healthcaps India Pvt. Ltd.

ATTESTED

DAY University, Jalandhar

Bestech Business Tower, A-607, 6th Floor, Mohali Bypass, Sector 66, Sahibzada Ajit Singh Nagar, Punjab 160062



Ref. No. HM/2019-20/18

Dated: 10.06.2019

Sanction Order

To
Dr. Chetan Vasudeva
Assistant Professor, Electrical Engineering,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Renewable Energy Integration in Steel Manufacturing: A Case Study on Solar and Wind Power" to be implemented by Dr. Chetan Vasudeva.

Dear Sir/Madam,

Based on the proposal submitted by Dr. Chetan Vasudeva, I am pleased to convey the administrative approval for a grant of Rs. 188425/- (Rupees One Lakh EightyEight Thousand Four Hundred TwentyFive Only) to implement project titled "Renewable Energy Integration in Steel Manufacturing: A Case Study on Solar and Wind Power".

I am pleased to release Rs. 188425/- (Rupees One Lakh EightyEight Thousand Four Hundred TwentyFive Only) immediately towards the grant. This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. H M STEELS pvt. ltd, Hyderabad will monitor and coordinate the project directly.

Executive Manager H M STEELS pvt ltd

ATTESTED



Swaraj Engines Limited

Plot No. 2, Phase 9, Industrial Area, Industrial Area Mohali Phase 9, Sahibzada Ajit Singh Nagar , Punjab 160062

Ref. No. SEL/2019-20/445

Dated:26-04-19

Sanction Order

To.

Dr. Daljit Kaur.

Assistant Professor.

Physics

DAV University

Jalandhar

Subject: Sanction order for implementation of project on "Energy Efficiency in Electric Tractors: A Physics-Based Model of Energy Consumption"-Reg.

Dear Madam.

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 192845(Rupees One Lakh NinetyTwo Thousand Eight Hundred FourtyFive Only) for implementation of above said project to be issued as a modern food Budget in Aid.

A total amount of Rs. 192845/- (Rupees One Lakh NinetyTwo Thousand Eight Hundred FourtyFive Only) of Budget issued to the DAV University, Jalandhar for the implementation of the above listed project, i.e. "Energy Efficiency in Electric Tractors: A Physics-Based Model of Energy Consumption" was approved by the Finance Department of Industry. The cumulative length of the project shall not be more than 3 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to modern foods.

(Administrative officer) Authorized signature ATTESTED



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2020/15

06:01:20

Sanction Order

To,

Dr. Deepak Kumar,

Assistant Professor, Microbiology,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "The Influence of Microbial Diversity on Wine Fermentation Quality" - Reg.

Dear Sir/Madam,

I am directed to convey the administrative approval to sanction Rs. 237150/- (Rupees Two Lakh ThirtySeven Thousand One Hundred Fifty Only) for the execution of the project entitled "The Influence of Microbial Diversity on Wine Fermentation Quality"

As per the decision, an amount of Rs. 237150/- (Rupees Two Lakh ThirtySeven Thousand One Hundred Fifty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "The Influence of Microbial Diversity on Wine Fermentation Quality". The maximum duration of the project is not more than 10 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

ATTESTED



KSM SPINNING MILLS LIMITED

644, AGGAR NAGAR B-BLOCK, LUDHIANA, Punjab, India - 141012

REF.SO, KSM/2019-20/49

Date :24-06-2019

SANCTION ORDER

To
Dr. Gagan Deep,
Assistant Professor, Electronics and Communication Engineering,
DAV University,
Jalandhar.

Subject: Amount sanctioned to implementation of project titled, "Wireless Communication Systems in Smart Clothing for Remote Health Monitoring": -. Reg.

Dear Sir.

I am privileged to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs.158995/- (Rupees One Lakh FiftyEight Thousand Nine Hundred NinetyFive Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.158995/-(Rupees One Lakh FiftyEight Thousand Nine Hundred NinetyFive Only) of Budget-in-aid to DAV University Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Dr. Gagan Deep". The maximum duration of the project is not more than 4months.

Director

ATTESTED



VARDHMAN SPECIAL STEELS LIMITED

C-58, Focal Point, Ludhiana, Punjab 141 010

Doc.No: VSL/19-20/15

Date: 3/10/2020

SANCTION LETTER

To

Dr. Gagandeep,

Assistant Professor, Commerce Business Management and Economics,

DAV University,

Jalandhar.

Subject: Sanction order for the implementation of project titled "Navigating Trade Tariffs in the Steel Sector"- Reg.

Dear Sir.

Based on the proposal submitted by Dr. Gagandeep I am pleased to convey the administrative approval for a grant of Rs.242790/- (Rupees Two Lakh FourtyTwo Thousand Seven Hundred Ninety Only) to implement project titled "Navigating Trade Tariffs in the Steel Sector".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 10 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. VARDHMAN SPECIAL STEELS Ltd. will monitor and coordinate the project either directly.

Managing Director

Bizin ()

ATTESTED

Registrar

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2019-20/18

Dt:27/Sept/2019

Budget Sanction Order

To,
Dr. Garima Baluja
Assistant Professor, Commerce Business Management and Economics
DAV University,
Jalandhar,

Dear Sir/Madam,

Subject: Amount sanctioned for implementing the project titled "The Role of Insurance in Steel Industry Risk Management"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 232065/- (Rupees Two Lakh ThirtyTwo Thousand SixtyFive Only) to be released as Budget-in-Aid from G. O. STEEL On behalf of the administrative decision, I wish to inform that Aid from G. O. STEEL, confers an amount of Rs. 232065/- (Rupees Two Lakh ThirtyTwo Thousand SixtyFive Only) for the execution of project entitled "The Role of Insurance in Steel Industry Risk Management". In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

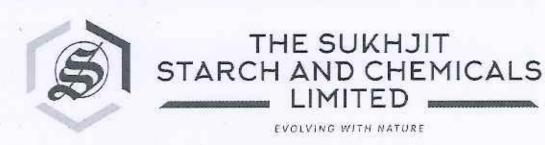
Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to G. O. STEEL Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authorized signature

ATTESTED

Registrar University, Jalandhar



Ref: Sukhjit/April/2019-20/04

Date: 03.04.2019

SANCTION ORDER

To Dr. Geetanjali DAV University

Subject: Amount sanctioned to implementation of project titled. "Cyber-Physical Systems for Real-time Monitoring and Control in Building Environments" -, Reg.

Dear Sir/Madam.

I am privileged to convey the Administrative approval for the implementation of the abovementioned project at a total budgetary outlay of Rs. 220245/- (Rupees Two Lakh Twenty Thousand Two Hundred FourtyFive Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.220245/- of Budget-in-aid to DAV University, Jalandhar Punjab towards initiation and implementation of the above-mentioned project i.e. "Cyber-Physical Systems for Real-time Monitoring and Control in Building Environments". The maximum duration of the project is not more than "9 Months".

Director

Sukhjit

ATTESTED



VARDHMAN CHEMTECH LIMITED

V55+J62, Focal Point, Dera Bassi, Punjab 140201

SO.NO: VCL/2019-20/24

Date :20/09/2019

SANCTION ORDER

To.

Dr. Girish Kumar, Assistant Professor, Zoology DAV University, Punjab.

Sub: Amount sanctioned to implementation of project entitled "Evaluating the Impact of Textile Production on Endangered Species Habitats" - Reg.

Dear Sir,

I am writing to you to express our commitment to support of project entitled "Evaluating the Impact of Textile Production on Endangered Species Habitats" at DAV University, PUNJAB, INDIA that was proposed to our technical innovation grant program for funding. In this regard Rs.219165/-(Rupees Two Lakh Nineteen Thousand One Hundred SixtyFive Only) has been sanctioned for the initiation and implementation of the above-mentioned project i.e. "Evaluating the Impact of Textile Production on Endangered Species Habitats". The maximum duration of the project is not more than 7 months.

Authorized Signature

ATTESTED

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2019-20/25

Dt:09/Dec/2019

Budget Sanction Order

To,
Dr. Girish Taneja
Associate Professor, Commerce Business Management and Economics
DAV University,
Jalandhar,

Dear Sir/Madam,

Subject: Amount sanctioned for implementing the project titled "CSR Practices in the Steel Industry"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 166275/- (Rupees One Lakh SixtySix Thousand Two Hundred SeventyFive Only) to be released as Budget-in-Aid from G. O. STEEL On behalf of the administrative decision, I wish to inform that Aid from G. O. STEEL, confers an amount of Rs. 166275/- (Rupees One Lakh SixtySix Thousand Two Hundred SeventyFive Only) for the execution of project entitled "CSR Practices in the Steel Industry". In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to G. O. STEEL Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

(AD) Confidence (Authorized signature

ATTESTED

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2019-20/11

Dt:15/April/2019

Budget Sanction Order

To,
Dr. Gitika Nagrath
Assistant Professor, Commerce Business Management and Economics
DAV University,
Jalandhar,

Dear Sir/Madam,

Subject: Amount sanctioned for implementing the project titled "Stakeholder Engagement in Steel Companies"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 155470/- (Rupees One Lakh FiftyFive Thousand Four Hundred Seventy Only) to be released as Budget-in-Aid from G. O. STEEL On behalf of the administrative decision, I wish to inform that Aid from G. O. STEEL, confers an amount of Rs. 155470/- (Rupees One Lakh FiftyFive Thousand Four Hundred Seventy Only) for the execution of project entitled "Stakeholder Engagement in Steel Companies". In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to G. O. STEEL Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authorized signature

ATTESTED

Registrar DAV University, Jalandhar



Sahabana Chandigarh Road Ludhiana - 141123 Punjab (INDIA)

L.NO/SIL/2019-20/67

Date: 28/10/2019

SANCTION ORDER

To
Dr. Gopal Singh,
Assistant Professor, Chemistry,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Chemical Processes in the Production of Biodegradable Textiles" - Reg.

Dear Sir.

Based on the proposal submitted by Dr. Gopal Singh, I am pleased to convey the administrative approval for a grant of Rs.200825/- (Rupees Two Lakh Eight Hundred TwentyFive Only) to implement project titled " Chemical Processes in the Production of Biodegradable Textiles".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Ocean Pearl will monitor and coordinate the project either directly.

Manager Mrs Piptika

SHREYANSINDUSTRIESLIMITED

ATTESTED



Industrial Area C, Dhandari Kalan, Ludhiana, Punjab 141016

Ref. no. 102

Date: 11-03-2020.

Sanction Order

To.

Dr. Gurmeet Singh,

Assistant Professor.

Department of Physics,

DAV University,

Jalandhar.

Subject: Budget approval for implementing research project on "The Impact of Tire Design on Traction and Fuel Efficiency in Tractors"- Reg.

Respected Sir.

We are happy to inform you that company management approved the project as discussed during meeting and submitted proposal on "The Impact of Tire Design on Traction and Fuel Efficiency in Tractors" with financial approval.

Now administration directed to convey the approval of total financial expenditure of Rs. 1,82,270/(Rupees One Lakh Eighty Two Thousand Two Hundred Seventy Only) to be released from industry in favour of DAV University. Jalandhar, Punjab for conducting above said project. It is strictly directed to use the expenditure only for approved activity to complete the project within 6 months' time duration.

(Signature of Authority)

ATTESTED



Industrial Area - 'A', Ludhiana-3 (PB) India

Ref:GAL-2020-21-48

08.02.2020

Sanction Order

To,
Dr. Harminder Singh
Assistant Professor,
Chemistry,
DAV University
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Investigating the Use of Supercritical Carbon Dioxide in Textile Dyeing Processes" — Reg.

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 212965/-(Rupees Two Lakh Twelve Thousand Nine Hundred SixtyFive Only) for the execution of the project entitled "Investigating the Use of Supercritical Carbon Dioxide in Textile Dyeing Processes"

As per the decision, an amount of Rs. 212965/-(Rupees Two Lakh Twelve Thousand Nine Hundred SixtyFive Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project — "Investigating the Use of Supercritical Carbon Dioxide in Textile Dyeing Processes".

Kindly note that the grant should be

- Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back to GANGA ACROWOOLS LIMITED



Authorized Signatory
HR
GANGA ACROWOOLS LIMITED





Ref. No. GNV/MO/2020/22

Dated: 31-01-2020.

Sanction Order

To
Dr. Harpreet Singh,
Assistant Professor,
Department of Computer Science and Engineering,
DAV University,
Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Blockchain Technology for Supply Chain Management and Transparency"—Reg.

Dear Sir,

We are extremely elated to inform you that GIGANTIC COMMODITIES Pvt. Ltd has agreed to accept your contract for "Blockchain Technology for Supply Chain Management and Transparency". After contacting with your Organization as well as our own source of references, we were extremely impressed with the solid reputation of the Organization. Our research about your firm and its background compelled us to sign this deal with you, as the results were satisfactory. I have attached all the terms and conditions in a formal document. If we both are in sync with contract terms, then we would like to start utilizing your services immediately.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 1,94,505/- (Rupees One Lakh Ninety Four Thousand Five Hundred Five Only) to be released as Budget-in-Aid from GIGANTIC COMMODITIES, Patiala, Punjab Pvt. Ltd.

I am available to take calls or emails, to work out the final details of the contract. We look forward for your dedicated and efficient work. We are confident that we have made the right choice because not only our research proves that but also the presentation, the members of your organization gave, make us proud to be associated with you. We anticipate a long and productive relationship between the two organizations. Duration of the project should be completed within the 8 months.

M.Routh Singh

(Managing Director)

ATTESTED



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/59

25-February-2020

Sanction Order

To.

Dr. Harpreet Walia Assistant Professor, Botany and Environment Science, DAV University Jalandhar– 144012

Sub: Sanction of project amount for "Drug Repositioning using improved k- Nearest Neighbor clustering based on the Personality traits" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 206465/- as the budget-in-aid for the project entitled "Drug Repositioning using improved k- Nearest Neighbor clustering based on the Personality traits".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED

DAV University, Jalandhar

204/K-1, Jhabewal, Chandigarh Road, National Highway 95, Bholapur, Ludhiana, Punjab 141123



Jodan Road, Village Daulatpur, Rasulpur, Punjab 147001.

Ref. No. GSA/2019-20/18

Date: 11/19/2019

Sanction Order

To,

Dr. Himani Arora, Assistant Professor, Mathematics, DAV University, Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Mathematical Models for Inventory Control in Retail"-Reg. Sir,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs, 169470/- (Rupees One Lakh SixtyNine Thousand Four Hundred Seventy Only) to be released as Budget-in-Aid from GSA INDUSTRIES, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.169470/-(Rupees One Lakh SixtyNine Thousand Four Hundred Seventy Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Mathematical Models for Inventory Control in Retail". The maximum duration of the project is not more than 10Months.

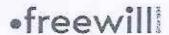
Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to GSA INDUSTRIES, Jalandhar.

Managing Director

ATTESTED

Registrar

DAV University, Jalandhar



391-392, Leather Complex Rd, Dilbagh Nagar, Jalandhar, Punjab 144021

REF: FW/Projects/2020/78

Dt: 11-03-2020.

Budget Sanction Order

To,
Dr. Hiteshwari Sabrol,
Assistant Professor,
Computer Science and Applications,
DAV University,
Jalandhar.

Dear Madam,

Subject: Amount sanctioned for implementing the project titled "Integrating Machine Learning and Deep Learning Concepts into Computer Science Courses"-Reg.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 1,64,440/- (Rupees One Lakh Sixty Four Thousand Four Hundred Forty Only) as the budget-in-aid for the project entitled "Integrating Machine Learning and Deep Learning Concepts into Computer Science Courses". The maximum duration of the project is not more than 9 months.

The same amount will be released to DAV University, Jalandhar for the successful completion of the project. Please adhere to the following regarding the project:

- i) Project should be executed within the agreed time period.
- Unused portion of the grant shall be credited back to Freewill Sports Private Limited, Jalandhar, Punjab.

Authorized Signatory

HR for Freewill Sports Pvt.Ltd.

ATTESTED

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2019-20/73

Dated: 05/12/2019

Sanction Order

To,
Dr. Inam Mohammed
Assistant Professor, Botany and Environment Science,
DAV University,
Punjab.

Subject: Amount sanctioned to implementation of project titled "Data Security In Cloud Computing Using Aes Under Heroku Cloud"-Reg.

Sir,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 169100/- (Rupees One Lakh SixtyNine Thousand One Hundred Only) to be released as Budget-in-Aid from Thapar Agro Millis Limited.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 169100/- (Rupees One Lakh SixtyNine Thousand One Hundred Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Data Security In Cloud Computing Using Aes Under Heroku Cloud". The maximum duration of the project is not more than 8 Months.

Note: The grant amount shall be

i) spent for the project within the specified time;
 ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Cloud Technologies.

(Managing Director) Authorized signatory

ATTESTED

worsity, Jalandhar



RAMA KRISHNA KNITTERS PRIVATE

Hosiery complex, Noorwala Rd, near tower line, Ludhiana, Punjab 141007

Ref. No. RKK/2019-20/15

Date: 18-05-19

SANCTION ORDER

To
Dr. Jasbir Rishi
Associate Professor, Psychology
DAV University
Punjab.

Subject: Sanction order for the implementation of project titled "Explore the role of textiles in forming and recalling personal memories."- Reg.

Dear Madam,

Based on the proposal submitted by Dr. Jasbir Rishi, I am pleased to convey the administrative approval for a grant of Rs.240265/- (Rupees Two Lakh Fourty Thousand Two Hundred SixtyFive Only) to implement project titled "Explore the role of textiles in forming and recalling personal memories.".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not be more than 3 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Accolade Tech will monitor and coordinate the project either directly.

Managing Director

Him

Registrar PAV University

Jalandhai



Ref: AG/2019-20/31

22-November-2019

Sanction Order

To, Dr. Jasweer Kaur, Assistant Professor, Biochemistry DAV University Jalandhar—144012

Subject: Project entitled "Biochemical Strategies for Improving Crop Resilience to Climate Change: Enzyme Engineering and Genomic Approaches" – Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that SS Food Ltd Pvt. Ltd. confers an amount of Rs. 199360/(Rupees One Lakh NinetyNine Thousand Three Hundred Sixty Only) for the execution of project entitled "Biochemical Strategies for Improving Crop Resilience to Climate Change: Enzyme Engineering and Genomic Approaches".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to SS Food Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory HR SS Food Ltd.

Registrar
DAV University, Jalandhar

MEGASTAR FOODS LIMITED

Solkhian, Sahibzada Ajit Singh Nagar, Punjab 140108



31-05-2019

Ref: MSFL/IP/2019/59

Sanction Order

To,
Dr. K. K. Rattu
Professor, Journalism & Mass Communication,
DAV University
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Assessing the Role of Youth in Modern Agriculture" - Reg.

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 173010/-(Rupees One Lakh SeventyThree Thousand Ten Only) for the execution of the project entitled "Assessing the Role of Youth in Modern Agriculture"

As per the decision, an amount of Rs. 173010/- (Rupees One Lakh SeventyThree Thousand Ten Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "Assessing the Role of Youth in Modern Agriculture".

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back to MEGASTAR FOODS LIMITED

Authorized Signatory

HR

MEGASTAR FOODS LIMITED

ATTESTED

Registrar

OAV University, Jalandhar



ICWALITY PHARMACEUTICALS LIMITED

6th Mile Stone, Village Nag Kalan Majitha Road, Nag, Punjab 143601

MO/KPL/26

Date: 25.November.2019

SANCTION ORDER

To Dr. Kailash Nath Kaul, Professor, Chemistry DAV University

Subject: Amount sanctioned to implementation of project titled. "Synthesis of Novel Polymers for Drug Delivery and Biomedical Applications" -. Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform KWALITY Pharmaceuticals Ltd an amount of Rs.202210/- (Rupees Two Lakh Two Thousand Two Hundred Ten Only) for the execution of project entitled "Synthesis of Novel Polymers for Drug Delivery and Biomedical Applications".

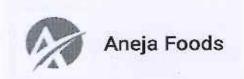
In light to the aforementioned, the grant amount will be released for DAV University Jalandhar, Punjab, INDIA for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to Star Health and Allied Insurance Company Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Kwality Pharmaceuticals Ltd

ATTESTED



Sangrur Barnala Road. Village Badbar Distt. Barnala- 148106

Ref: AFPL/19-20/48

19-03-2020

Sanction Order

To,

Dr. Kapil Chaudaha Assistant Professor, English DAV University Jalandhar – 144012

Subject: Project entitled "The Role of Agribusiness in Rural Employment Generation" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that ANEJA FOODS confers an amount of Rs. 192630/-(Rupees One Lakh NinetyTwo Thousand Six Hundred Thirty Only) for the execution of project entitled "The Role of Agribusiness in Rural Employment Generation".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to ANEJA FOODS PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

ANEJA FOODS PRIVATE Pvt. Ltd.



Ref: AG/2019-20/20

03-June-2019

Sanction Order

To,
Dr. Karan Paul,
Assistant Professor, Biochemistry
DAV University
Jalandhar—144012

Subject: Project entitled "Advancements in Biochemical Sensors for Real-Time Manitoring of Environmental Pollutants" – Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that SS Food Ltd Pvt. Ltd. confers an amount of Rs. 234205/(Rupees Two Lakh ThirtyFour Thousand Two Hundred Five Only) for the execution of project entitled "Advancements in Biochemical Sensors for Real-Time Monitoring of Environmental Pollutants".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to SS Food Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory
HR SS Food Ltd.

Registrar

DAV University, Jalandhar



Ref: SAC/2019-20/85

Date: 28-10-19

SANCTION ORDER

To
Dr. Keshav Walia
Assistant Professor, Physics
DAV University
Punjab.

Subject: Amount sanctioned to implementation of project titled. "The Role of Suspension Systems in Cycle Performance: A Physics Perspective": -. Reg.

Dear Sir.

1 am privileged to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 184580/- (Rupees One Lakh EightyFour Thousand Five Hundred Eighty Only) to be released as Budget-in-Aid.

1 am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 184580/-(Rupees One Lakh EightyFour Thousand Five Hundred Eighty Only) of Budget-in-aid to INDIA towards initiation and implementation of the above-mentioned project i.e. "The Role of Suspension Systems in Cycle Performance: A Physics Perspective". The maximum duration of the project is not more than 5 months.

Director

ATTESTED

Registrar

DAV University, Jalandhar



454 PHASE II, INDUSTRIAL COMPLEX, GOINDWAL SAHIB, Punjab

Ref: ATL/2019-20/37

Date: 23/09/2019

Sanction Order

To.

Dr. Komal Jain,

Assistant Professor, Physical Education,

DAV University,

Jalandhar - 144012

Subject: Amount sanctioned to execute project entitled "The Impact of Nanotechnology in Sports Textiles: Enhancing Athletic Performance in Physical Education" - Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 160580/- (Rupees One Lakh Sixty Thousand Five Hundred Eighty Only) for the execution of the project entitled "The Impact of Nanotechnology in Sports Textiles: Enhancing Athletic Performance in Physical Education"

As per the decision, an amount of Rs. 160580/- (Rupees One Lakh Sixty Thousand Five Hundred Eighty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project - "The Impact of Nanotechnology in Sports Textiles: Enhancing Athletic Performance in Physical Education". The maximum duration of the project is not more than 10 months.

Kindly note that the grant should be

i) Spent for the execution of project within the defined time period,

ii) Any part of the grant amount unused or not required shall be surrendered back to ARIHANT THREADS LIMITED

Authorized Signatory HR ARIHANT THREADS LIMITED



Ref: BSD/2019/29

SCO 37-38 First Floor, Urban Estate, Phase 2, Patiala-Rajpura Road, NH 64, Patiala, Punjab- 147002

Date: 28.09.19

Sanction Order

To,
Dr. Lakhmir Singh
Assistant Professor, Biotechnology
DAV University,
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Biotechnology Approaches to Enhance the Nutritional Quality of Food Products" – Reg.

Dear Sir.

I am very pleased to inform the decision taken on the administrative approval to sanction Rs. 196490/- for the execution of the project entitled "Biotechnology Approaches to Enhance the Nutritional Quality of Food Products"

As per the decision, an amount of Rs.196490/- (Rupees One Lakh NinetySix Thousand Four Hundred Ninety Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "Biotechnology Approaches to Enhance the Nutritional Quality of Food Products."

Kindly note that the grant should be

i) Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to BAANI MILK PRODUCER COMPANY LIMITED

For BAANI MILK PRODUCER COMPANY LIMITED

HR Manager

BAANI MILK PRODUCER COMPANY LIMITED

ATTESTED

Registrat



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/39

17-November-2019

Sanction Order

To.

Dr. Mamta Gupta
Assistant Professor, Botany and Environment Science,
DAV University
Jalandhar—144012

Sub: Sanction of project amount for "Tailored Analytics and Reporting Solutions for Pizzerias' Performance Optimization" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 230065/- as the budget-in-aid for the project entitled "Tailored Analytics and Reporting Solutions for Pizzerias' Performance Optimization".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED



PREET TRACTORS PRIVATE LIMITED

PO Box No. 29, Nabha - Patiala Road, Nabha, Distt. Patiala, Punjab, INDIA-147201

Dated: 30-01-2020.

To

Dr. Mamta Rani,

Assistant Professor,

Department of Physics,

DAV University,

Jalandhar.

Subject: Amount sanctioned to execution of project titled "Impact of Gear Ratios on the Performance of Tractors: A Mechanics-Based Analysis"—Reg.

Dear madam,

I am coordinated to pass on the Administrative endorsement for the usage of the previously mentioned project at an all-out budgetary expense of Rs. 2,30,995/ - (Rupees Two Lakh Thirty Thousand Nine Hundred Ninety Five Only) to be delivered as Budget-in-Aid from PREET TRACTORS PRIVATE LIMITED, Patiala, Punjab.

I am currently diverted to pass on the assent of the aggregate sum under the Delegation of Financial power rules to deliver a amount of Rs. 2,30,995/ - (Rupees Two Lakh Thirty Thousand Nine Hundred Ninety Five Only) of Budget-in-help to DAV University, Jalandhar, Punjab towards inception and execution of the previously mentioned "Impact of Gear Ratios on the Performance of Tractors: A Mechanics-Based Analysis" project. The greatest term of the undertaking is more than 10 months.

Note: The award sum will be I) spent for the task inside the predetermined time; ii) Any part of the award, which isn't decisively needed for consumption for the affirmed purposes, will be appropriately given up to PREET TRACTORS PRIVATE LIMITED, Patiala, Punjab.

Thanking you,

Director (Projects) Authorized signatory

ATTESTED

Plot No. 169–170, Sector 82, JLPL Industrial Area. Mohali, Punjab 160055



Ref/Tynor/May/2019/07

Dt: 22-May-19

ORDER

To Dr. Manik Sharma DAV University

Subject: Sanction order for the implementation of project titled " Enhancing Cybersecurity in Data Centres through Artificial Intelligence and Incident Handling" - Reg.

Dear Sir.

Based on the proposal submitted by Ranjodh Singh, I am pleased to convey the administrative approval for a grant of Rs. 241380/- (Rupees Two Lakh FourtyOne Thousand Three Hundred Eighty Only) to implement project titled " Enhancing Cybersecurity in Data Centres through Artificial Intelligence and Incident Handling ".

I am pleased to release Rs. 241380/- (Rupees Two Lakh FourtyOne Thousand Three Hundred Eighty Only) immediately towards the grant for the year 2019-20. This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator will monitor and coordinate the project directly.

ATTESTED

Registrar

AV University, Jalandhar

Executive Manager

Tynor



Ref: SYPLT/2019-20/16

30.09.19

Sanction Order

To,

Dr. Manju Deorari, Assistant Professor, Physical Education, DAV University Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Exploring the Relationship Between Textile Comfort and Student Engagement in Physical Education Activities" – Reg.

Dear Sir/Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 163875/- (Rupees One Lakh SixtyThree Thousand Eight Hundred SeventyFive Only) for the execution of the project entitled "Exploring the Relationship Between Textile Comfort and Student Engagement in Physical Education Activities".

As per the decision, an amount of Rs. 163875/- (Rupees One Lakh SixtyThree Thousand Eight Hundred SeventyFive Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "Exploring the Relationship Between Textile Comfort and Student Engagement in Physical Education Activities".

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period,
- Any part of the grant amount unused or not required shall be surrendered back to SHARMANJI YARNS PRIVATE LIMITED.

Chief Operating Officer SHARMANJI YARNS Pvt. Ltd.

ATTESTED

-moetsity, dalandha

Lakhowal Kohara Link Rd, Punjab 141112



FORTUNE METALS LIMITED

Def. No. FML-2019-20-15

Dated: 13.08.19

SANCTION ORDER

To, Dr. Mohinder Pal Garg Associate Professor, Mechanical Engineering, DAV University, Jalandhar.

Subject: Sanction order for project titled "Development of Advanced Fuel Injection Systems for

Improved Performance in Agricultural Engines"-Reg.

Sir,

We are glad to inform and congratulate you on the sanction of project entitled "Development of Advanced Fuel Injection Systems for Improved Performance in Agricultural Engines".

I am hereby conveying the Administrative approval for the conduction of the above-mentioned project at a total budgetary outlay of Rs. 155010/- (Rupees One Lakh FiftyFive Thousand Ten Only) to be released from Fortune Metals Limited in favour of DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Development of Advanced Fuel Injection Systems for Improved Performance in Agricultural Engines". The maximum duration of the project is not more than 11months.

(Manager)

Authorized signatory

-f-M

ATTESTED

DAV University, Jalandhar

Fatehgarh Sahib, Punjab 147301



Ref: BSD/2019/33

SCO 37-38 First Floor, Urban Estate, Phase 2, Patiala-Rajpura Road, NH 64, Patiala, Punjab- 147002

Date: 24.11.19

Sanction Order

To, Dr. Mohit Sharma Assistant Professor, Biotechnology DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Biotechnological Methods for Improving the Stability and Efficacy of Biopharmaceuticals" – Reg.

Dear Sir.

I am very pleased to inform the decision taken on the administrative approval to sanction Rs. 178660/- for the execution of the project entitled "Biotechnological Methods for Improving the Stability and Efficacy of Biopharmaceuticals"

As per the decision, an amount of Rs.178660/- (Rupees One Lakh SeventyEight Thousand Six Hundred Sixty Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "Biotechnological Methods for Improving the Stability and Efficacy of Biopharmaceuticals."

Kindly note that the grant should be

i) Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to BAANI MILK PRODUCER COMPANY LIMITED

For BAANI MILK PRODUCER COMPANY LIMITED

HR Manager

BAANI MILK PRODUCER COMPANY LIMITED

ATTESTED

NUCON SWITCHGEARS PRIVATE LIMITED

D-47, Phase-V, Focal Point, Ludhiana -141010



Ref	No:	NSPL	/201	9/74
110	6 M Page 1	BADIC C	1202	2117

Date

To

Dr. Munish Aggarwal,

Assistant Professor,

Department of Physics,

DAV University

Jalandhar.

Subject: Amount sanctioned to execution of project titled "Modeling the Fluid Dynamics of Tractor Hydraulics for Enhanced Efficiency"—Reg.

Dear Sir,

I am coordinated to pass on the Administrative endorsement for the usage of the previously mentioned project at an all out budgetary expense of Rs. 2,48,885/ - (Rupees Two Lakh Forty Eight Thousand Eight Hundred Eighty Five Only) to be delivered as Budget-in-Aid from NUCON Switchgears Pvt.Ltd.

I am currently diverted to pass on the assent of the aggregate sum under the Delegation of Financial power rules to deliver a amount of Rs. 2,48,885/ - (Rupees Two Lakh Forty Eight Thousand Eight Hundred Eighty Five Only) of Budget-in-help to DAV University, Jalandhar, Punjab towards inception and execution of the previously mentioned "Modeling the Fluid Dynamics of Tractor Hydraulics for Enhanced Efficiency" project. The greatest term of the undertaking isn't over 5 months.

Note: The award sum will be I) spent for the task inside the predetermined time; ii) Any part of the award, which isn't decisively needed for consumption for the affirmed purposes, will be appropriately given up to NUCON Switchgears Pvt.Ltd.

Thanking you,

General Manager (Projects) Authorized signatory

NUCON Switchgears Pvt.Ltd.

Hajra Irfan

ATTESTED

Registrar

OAV University, Jalandhar



Sangrur Barnala Road. Village Badbar Distt. Barnala- 148106

Ref: AFPL/19-20/44

06-03-2020

Sanction Order

To.

Dr. Nakul Kundra Assistant Professor, English DAV University Jalandhar – 144012

Subject: Project entitled "Consumer Education and Its Impact on Organic Product Sales" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that ANEJA FOODS confers an amount of Rs. 248315/-(Rupees Two Lakh FourtyEight Thousand Three Hundred Fifteen Only) for the execution of project entitled "Consumer Education and Its Impact on Organic Product Sales".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to ANEJA FOODS PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

ANEJA FOODS PRIVATE Pvt. Ltd.

ATTESTED

My University, Jalandhar

PARAMOUNT

PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/33

Date: 18/November/2019

ORDER

To,
Dr. Namrita Kalia,
Assistant Professor,
Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: "The Role of ISO Standards in Steel Manufacturing" - Reg.

Dear Madam,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 156425/- (Rupees One Lakh Fifty Six Thousand Four Hundred Twenty Five Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 156425/- (Rupees One Lakh Fifty Six Thousand Four Hundred Twenty Five Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., "The Role of ISO Standards in Steel Manufacturing" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 3 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you,

Kush Anhal

Paramount Steels Limited

ATTESTED



SAL AUTOMOTIVE LIMITED

C-127, 4th floor, Satguru Infotech, Phase-8, Industrial Area, Sahibzada Ajit Singh Nagar, Punjab 160071

> Ref. NoSAL Automotive/Nov/2019/26 Date: 03:11;19

Letter of Approval

To, Dr. Navneet Singh, Assistant Professor, Physics, DAV University, Punjab.

Subject: Amount sanctioned to implementation of project titled Investigating the Acoustic Properties of Tractors: Noise Reduction Techniquest"-Reg.

Dear Sir.

I am privileged to convey the Administrative approval for the implementation of the above mentioned project at a total budgetary outlay of Rs.211510/- (Rupees Two Lakh Eleven Thousand Five Hundred Ten Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.211510/-(Rupees Two Lakh Eleven Thousand Five Hundred Ten Only) of Budget-in-aid to DAV University, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. Impact of employee engagement in the Banking Sector

Note: The grant amount shall be

i) spent for the project within the specified time;

 Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered.

Authorized signatory

ATTESTED

may three sity, Jalandhar



Ref: MIDAS/2020/28

06-January-2020

Sanction Order

To,

Dr. Neha sharma, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Impact of Agricultural Policies on Farm Sustainability and

Productivity" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 208595/- (Rupees Two Lakh Eight Thousand Five Hundred NinetyFive Only) for the execution of project entitled "Impact of Agricultural Policies on Farm Sustainability and Productivity".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR.

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



KWALITY PHARMACEUTICALS LIMITED

6th Mile Stone, Village Nag Kalan Majitha Road, Nag, Punjab 143601

MO/KPL/16

Date: 01.April.2019

SANCTION ORDER

To Dr. Nisha Devi, Assistant Professor, Chemistry DAV University

Subject: Amount sanctioned to implementation of project titled. "Advances in Chemical Catalysis for Selective Organic Transformations" -. Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform KWALITY Pharmaceuticals Ltd an amount of Rs.233060/- (Rupees Two Lakh ThirtyThree Thousand Sixty Only) for the execution of project entitled "Advances in Chemical Catalysis for Selective Organic Transformations".

In light to the aforementioned, the grant amount will be released for DAV University Jalandhar, Punjab, INDIA for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to Star Health and Allied Insurance Company Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Kwality Pharmaceuticals Ltd

ATTESTED



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/31

20-August-2019

Sanction Order

To,

Dr. Nishi Sondhi Assistant Professor, Botany and Environment Science, DAV University Jalandhar–144012

Sub: Sanction of project amount for "laboratory equipment and experiments using electronic communication technologies" – Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 200675/- as the budget-in-aid for the project entitled "laboratory equipment and experiments using electronic communication technologies".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- i) Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED



SOCCER INTERNATIONAL PRIVATE LIMITED,

Ref SIPL/2019-20/45

Dated: 11-01-20

Sanction Order

To.

Dr. Praveen Guleria

Assistant Professor, Biotechnology

DAV University

Jalandhar

Subject: Sanction of project amount for "Biotechnological Strategies for Enhancing the Efficiency of Biocatalysts in Industrial Processes"-Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 210700/- (Rupees Two Lakh Ten Thousand Seven Hundred Only) as the budget- in-aid for the project entitled "Biotechnological Strategies for Enhancing the Efficiency of Biocatalysts in Industrial Processes".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

Project should be executed within the agreed time period.

ii) Unused portion of the grant shall be credited back to SOCCER INTERNATIONAL PRIVATE LIMITED, Jalandhar, Punjab

ATTESTED

DAV University, Jalandhar

Managing Director

SOCCER INTERNATIONAL PRIVATE LIMITED

Basti Sheikh Road Jalandhar - 144 002



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2019/60

Date: 16-06-2019

Sanction Order

To.

Dr. Praveen Kumar,

Assistant Professor, Physics,

DAV University,

Jalandhar - 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "The Physics of Soil Moisture Retention: Modeling Water Dynamics in Agricultural Soils" – Reg:

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 168265/- (Rupees One Lakh SixtyEight Thousand Two Hundred SixtyFive Only) for the execution of the project entitled "The Physics of Soil Moisture Retention; Modeling Water Dynamics in Agricultural Soils"

As per the decision, an amount of Rs. 168265/- (Rupees One Lakh SixtyEight Thousand Two Hundred SixtyFive Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project — "The Physics of Soil Moisture Retention: Modeling Water Dynamics in Agricultural Soils". The maximum duration of the project is not more than 3months.

Kindly note that the grant should be

i) Spent for the execution of project within the defined time period,

ii) Any part of the grant amount unused or not required shall be surrendered back to SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

Registrar
DAV University, Jalandhar



Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Ref: RAPVT/2019-20/45

Date: 1/15/2020

SANCTION ORDER

To,
Dr. Preeti Mehra,
Assistant Professor'
Commerce Business Management and Economics
DAV University,

Sub: Amount sanctioned to implementation of project entitled "Strategic Planning in the Steel Industry" - Reg.

Dear Sir/Madam,

Based on the proposal submitted by Dr. Preeti Mehra, I am pleased to convey the administrative approval for a grant of Rs. 218825/- (Rupees Two Lakh Eighteen Thousand Eight Hundred TwentyFive Only) to implement project titled "Strategic Planning in the Steel Industry".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

Regards, RUDRA ALLOYS Pvt. Ltd.

ATTESTED



Ref. No. PAI/2020-21/39

Date:02:11:19

SANCTION ORDER

To
Dr. Preetinder singh,
Assistant Professor, Mathematics,
DAV University

Subject: Sanction order for the implementation of project titled "Mathematical Modeling for Traffic Flow Optimization in Urban Areas" - Reg.

Dear Sir,

Based on the proposal submitted by Dr. N.M Jose, I am pleased to convey the administrative approval for a grant of Rs.213260/- (Rupees Two Lakh Thirteen Thousand Two Hundred Sixty Only) to implement project titled "Mathematical Modeling for Traffic Flow Optimization in Urban Areas".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 4months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Partap Industries Limited will monitor and coordinate the project either directly.

Manager Kuyh Ombol

Partap Industries Ltd.

ATTESTED

PAV University, Jalandhar

Registrar



Ref: MIDAS/2019/61 2019

10-September-

Sanction Order

To,

Dr. Puja Rattan, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Developing Strategies for Reducing Agricultural Water

Footorint" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 213925/- (Rupees Two Lakh Thirteen Thousand Nine Hundred TwentyFive Only)for the execution of project entitled "Developing Strategies for Reducing Agricultural Water Footprint".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project, Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED

Registrar DAV University, Jalandhar



Bathinda Road, Near Railway Crossing, NH64, Distt Bathinda, Bathinda Rd, Rampura Phul, Punjab 151103

Ref. No. SL/2020/48

dt: 18:02:202020

Sanction Order

To, Dr. Pushpinder Singh Assistant Professor, Chemistry DAV University Jalandhar, Punjab- 144012

Subject: Amount sanctioned to carry out the of project titled "Development of Eco-Friendly Corrosion Inhibitors for Steel Applications"—Reg. Sir,

I am directed to convey the Administrative approval to carry out the above mentioned project at a total budget of Rs. 198590/- (Rupees One Lakh NinetyEight Thousand Five Hundred Ninety Only) to be released as Budget-in-Aid from STELCO LIMITED, Bathinda, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 198590/- (Rupees One Lakh NinetyEight Thousand Five Hundred Ninety Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Development of Eco-Friendly Corrosion Inhibitors for Steel Applications". The maximum duration of the project is not more than 10 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to STELCO LIMITED, Bathinda, Punjab.

STELCO LIMITED

ATTESTED



Ref: MIDAS/2019/55

06-July-2019

Sanction Order

To,

Dr. Rahul Kumar, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Assessment of Innovative Farming Techniques for

Smallholder Farmers" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 187035/- (Rupees One Lakh EightySeven Thousand ThirtyFive Only)for the execution of project entitled "Assessment of Innovative Farming Techniques for Smallholder Farmers".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED

Registrar DAV University, Jalandhar



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/46

01-February-2020

Sanction Order

To.

Dr. Raj Bala
Assistant Professor, Botany and Environment Science,
DAV University
Jalandhar–144012

Sub: Sanction of project amount for "Utilizing electronic surveys, data collection, and analysis tools" - Reg.

Dear Madam.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 155205/- as the budget-in-aid for the project entitled "Utilizing electronic surveys, data collection, and analysis tools".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- i) Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED



J.K. INDUSTRIES (INDIA) Pvt. Ltd.

REF-JKI/2019-20/70

Date: 21-01-2020

ORDER

To
Dr. Raj Kumar,
Assistant Professor, Mathematics,
DAV University.

Subject: Amount sanctioned to implementation of project titled. "Machine Learning Algorithms Based on Mathematical Optimization Techniques" - Reg.

Dear Sir,

Lam glad to convey the approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 177080/-(Rupees Two Lakh FourtyOne Thousand NinetyFive Only) to be released as Budget-in-Aid

I am now redirected to convey the sanction of the total amount under the Delegation of FinanciaJ power rules to release an amount of Rs. 177080/-(Rupees Two Lakh FourtyOne Thousand NinetyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initial and implementation of the above-mentioned project i.e. "Machine Learning Algorithms Based on Mathematical Optimization Techniques". The maximum duration of the project is more than 10 months.

Note: The grant amount shall be i) spent for the project within the specified time: ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered.

(Managing Director) Authorized signature,



Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

Ref: KFL/2020/16

21.March.2020

Sanction Order

To,

Dr. Raj Kumar Seth, Associate Professor, Physics, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Using Spectroscopy to Analyze Crop Health: A Physics

Approach to Precision Agriculture" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 214065/- (Rupees Two Lakh Fourteen Thousand SixtyFive Only) for the execution of project entitled "Using Spectroscopy to Analyze Crop Health: A Physics Approach to Precision Agriculture".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to KISSAN FATS LIMITED Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

KISSAN FATS LIMITED Pvt. Ltd.

Partested

Registrar

Day University, Jalandhar



NEXO INDUSTRIES PRIVATE LIMITED

Ref. N1PL/2019-20/36

Date: 05-August-2019

ORDER

To, Dr. Rajesh Joshi, Assistant Professor, Mathematics, DAV University

Subject: Project entitled "Mathematical Models for Air Pollution Control in Urban Planning" -Reg. Dear Sir,

We are glad to inform you that project entitled "Mathematical Models for Air Pollution Control in Urban Planning" has been sanctioned. I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs.173745/- (Rupees One Lakh Seventy Three Thousand Seven Hundred Fourty Five Only) to be released from NEXO Industries Private Limited in favour of DAV, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Mathematical Models for Air Pollution Control in Urban Planning". The tenure of the project should not exceed by 11 months from the day of approval.

Thanking You,

Bailer

NEXO INDUSTRIES Pyt.Ltd.

ATTESTED

Registrar

AV University, Jalandhar





Ref-VSBL/13

Date:27 January.2020

ORDER

To
Dr. Rajesh Khanna,
Associate Professor,
Mechanical Engineering,
DAV University
Punjab.

Subject: Sanction order for the implementation of project titled "Impact of Advanced Lubricants on Tractor Engine Efficiency and Longevity in Harsh Agricultural Environments"- Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.182300/- (Rupees One Lakh EightyTwo Thousand Three Hundred Only) for the execution of the project entitled "Impact of Advanced Lubricants on Tractor Engine Efficiency and Longevity in Harsh Agricultural Environments"

As per the decision, an amount of Rs.182300/- (Rupees One Lakh EightyTwo Thousand Three Hundred Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director

ATTESTED



Bathinda Road, Near Railway Crossing, NH64, Distt Bathinda, Bathinda Rd, Rampura Phul, Punjab 151103

Ref. No. SL/2019/26

dt: 30:04:201919

Sanction Order

To, Dr. Rajinder Kaur Assistant Professor, Chemistry DAV University Jalandhar, Punjab- 144012

Subject: Amount sanctioned to carry out the of project titled "Analyzing the Role of Additives in the Steel Making Process for Improved Quality"—Reg. Madam.

I am directed to convey the Administrative approval to carry out the above mentioned project at a total budget of Rs. 184005/- (Rupees One Lakh EightyFour Thousand Five Only) to be released as Budget-in-Aid from STELCO LIMITED, Bathinda, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 184005/- (Rupees One Lakh EightyFour Thousand Five Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Analyzing the Role of Additives in the Steel Making Process for Improved Quality". The maximum duration of the project is not more than 10 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to STELCO LIMITED, Bathinda, Punjab.

STELĆO LIMITED

ATTESTED



Ref: MIDAS/2020/35

12-January-2020

Sanction Order

Τo,

Dr. Rajinder Singh Rekhi, Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Role of Remote Sensing in Monitoring Crop Health and

Growth" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 201115/- (Rupees Two Lakh One Thousand One Hundred Fifteen Only) for the execution of project entitled "Role of Remote Sensing in Monitoring Crop Health and Growth".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

Registrar
UAV University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2019-20/31

19/July/2019

Sanction Order

To.

Dr. Rama Gupta,

Assistant Professor, Physics,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Thermal Imaging for Crop Monitoring: Analyzing Plant

Temperature and Stress" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 178420/- (Rupees One Lakh SeventyEight Thousand Four Hundred Twenty Only) as the budget-in-aid for the project entitled "Thermal Imaging for Crop Monitoring: Analyzing Plant Temperature and Stress". As per the decision, an amount of Rs. 178420/- will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project. Kindly note that the grant should be

Spent for the execution of project within the defined time period,

Any part of the grant amount unused or not required shall be surrendered back.

Manager, INDIAN SUCROSE LIMITED

ATTESTED



MANKU AGROTECH PRIVATE LIMITED

Sehajpura Road, Samana DISTT PATIALA, PUNJAB, Punjab, India - 147101

Ref: MAPL/IP/2019/26

09:07:19

Sanction Order

To.

Dr. Rashmi Sharma.

Assistant Professor, Microbiology,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Microbial Strategies for Carbon Capture in Industrial Processes" – Reg.

Dear Sir/Madam,

I am directed to convey the administrative approval to sanction Rs. 202865/- (Rupees Two Lakh Two Thousand Eight Hundred SixtyFive Only) for the execution of the project entitled "Microbial Strategies for Carbon Capture in Industrial Processes"

As per the decision, an amount of Rs. 202865/- (Rupees Two Lakh Two Thousand Eight Hundred SixtyFive Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Microbial Strategies for Carbon Capture in Industrial Processes". The maximum duration of the project is not more than 10 months.

Kindly note that the grant should be

i)Spent for the execution of project within the specified time;

ii)Portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to MANKU AGROTECH PRIVATE LIMITED.

Zufu Authorized Signatory

HR MANKU AGROTECH PRIVATE LIMITED

ATTESTED



Ref: MIDAS/2020/38

01-March-2020

Sanction Order

To,

Dr. Ravish Chatrath, Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Impact of Organic Farming on Soil Water Retention and

Crop Yield" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 163395/- (Rupees One Lakh SixtyThree Thousand Three Hundred NinetyFive Only)for the execution of project entitled "Impact of Organic Farming on Soil Water Retention and Crop Yield".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED

Registrar



KWALITY PHARMACEUTICALS LIMITED

6th Mile Stone, Village Nag Kalan Majitha Road, Nag, Punjab 143601

MO/KPL/19

Date: 02.October.2019

SANCTION ORDER

To Dr. Rekha Gaba, Assistant Professor, Chemistry DAV University

Subject: Amount sanctioned to implementation of project titled. "Sustainable Methods for the Synthesis of Fine Chemicals and Pharmaceuticals" -. Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform KWALITY Pharmaceuticals Ltd an amount of Rs.236345/- (Rupees Two Lakh ThirtySix Thousand Three Hundred FourtyFive Only) for the execution of project entitled "Sustainable Methods for the Synthesis of Fine Chemicals and Pharmaceuticals".

In light to the aforementioned, the grant amount will be released for DAV University Jalandhar, Punjab, INDIA for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to Star Health and Allied Insurance Company Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Kwality Pharmaceuticals Ltd

ATTESTED

DAV University, Jalandhar

Registrar



Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Ref: RAPVT/2019-20/35

Date: 11/4/2019

SANCTION ORDER

To,
Dr. Rekha Handa,
Assistant Professor`
Commerce Business Management and Economics
DAV University,

Sub: Amount sanctioned to implementation of project entitled "Long-term Strategies for Sustainable Growth in Steel Manufacturing" - Reg.

Dear Sir/Madam,

Based on the proposal submitted by Dr. Rekha Handa, I am pleased to convey the administrative approval for a grant of Rs. 230400/- (Rupees Two Lakh Thirty Thousand Four Hundred Only) to implement project titled "Long-term Strategies for Sustainable Growth in Steel Manufacturing".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

RUDRA ALLOYS Pvt. Ltd.

ATTESTED

Registrar



B-XXIX / 143, Giaspura Road, Ludhiana - 141003 (Pb) INDIA

Ref. No. AIL/2019-20/55 Dated: 30/09/19

Sanction Order

To, Dr. Ripu Daman Parihar, Assistant Professor, Zoology, DAV University, Jalandhar.

Subject: Amount sanctioned to implementation of project titled "The Use of Natural Insect Repellents in Sustainable Textile Production"-Reg.

Sir.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 179230/-(Rupees One Lakh SeventyNine Thousand Two Hundred Thirty Only) to be released as Budget-in-Aid from ARISUDANA INDUSTRIES LIMITED, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 179230/-(Rupees One Lakh SeventyNine Thousand Two Hundred Thirty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "The Use of Natural Insect Repellents in Sustainable Textile Production". The maximum duration of the project is not more than 11 months.

Note: The grant amount shall be

i) spent for the project within the specified time;

ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to ARISUDANA INDUSTRIES LIMITED, Punjab.

(Managing Director) Authorized signatory ATTESTED



Ref: MIDAS/2019/74

31-October-2019

Sanction Order

To,

Dr. Ruchi Sood, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Evaluating the Benefits of Agroecological Approaches in

Crop Production" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 171160/- (Rupees One Lakh SeventyOne Thousand One Hundred Sixty Only) for the execution of project entitled "Evaluating the Benefits of Agroecological Approaches in Crop Production".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED

Registrar

DAV University, Jalandhar



Ref: MIDAS/2019/68

01-October-2019

Sanction Order

To,

Dr. Ruhidas Ghatak, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Exploring the Potential of Urban Agriculture for Food

Security" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 171075/- (Rupees One Lakh SeventyOne Thousand SeventyFive Only)for the execution of project entitled "Exploring the Potential of Urban Agriculture for Food Security".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED

Registrar



Ref: MIDAS/2019/59

26-July-2019

Sanction Order

To.

Dr. Rupender Kumar, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Impact of Soil Fertility Management on Crop Quality and

Safety" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 190610/- (Rupees One Lakh Ninety Thousand Six Hundred Ten Only) for the execution of project entitled "Impact of Soil Fertility Management on Crop Quality and Safety".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



Ref: AG/2019-20/22

06-July-2019

Sanction Order

To, Dr. Rupinder Siyal, Assistant Professor, Biochemistry DAV University Jalandhar— 144012

Subject: Project entitled "Utilizing Biochemical Techniques for the Development of Advanced Diagnostic Tools in Infectious Diseases" – Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that SS Food Ltd Pvt. Ltd. confers an amount of Rs. 183510/(Rupees One Lakh EightyThree Thousand Five Hundred Ten Only) for the execution of project entitled "Utilizing Biochemical Techniques for the Development of Advanced Diagnostic Tools in Infectious Diseases".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to SS Food Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory HR SS Food Ltd.

ATTESTED



Ref: MIDAS/2019/79 2019

04-November-

Sanction Order

To,

Dr. Sadhna, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Utilizing Data Analytics for Improving Farm Management

Decisions" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 235070/- (Rupees Two Lakh ThirtyFive Thousand Seventy Only) for the execution of project entitled "Utilizing Data Analytics for Improving Farm Management Decisions".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



Ref/PIL/2019-20/15

No.C-94-95, Phase 7, Industrial Area, Sector 73, Sahibzada Ajit Singh Nagar, Punjab 160055

6/1/2019

SANCTION ORDER

To, Dr. Sakshi Verma, Assistant Professor, Zoology, DAV University, Jalandhar,

Sub: Amount sanctioned to implementation of project entitled " Next-Gen Construction: Integrating Mathematical Modeling and Computer Science" - Reg.

Dear Madam,

It is pleasure to accept your proposal for research project under research activity of our organization, I am happy to inform you that administration approved the total budgetary outlay of Rs.233685/- (Rupees Two Lakh Thirty Three Thousand Six Hundred Eighty Five Only) for the above-mentioned project at a to be released as Budget-in-Aid from PRITIKA INDUSTRIES LIMITED. It is directed to convey the sanction of the total amount under the Financial power rules to release an amount of Rs. 233685/- (Rupees Two Lakh Thirty Three Thousand Six Hundred Eighty Five Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA for initiation and implementation of project entitled "Next-Gen Construction: Integrating Mathematical Modeling and Computer Science".

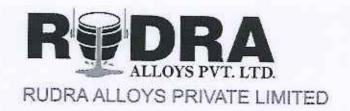
Note: Terms and condition are applied as per industry norm which includes the grant amount shall be spent for the project not more than 11 months and any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be returned to PRITIKA INDUSTRIES LIMITED.

Thanking you,

Branch Manager

Auch Klan

ATTESTED



Ref: RAPVT/2019-20/30

Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Date: 7/12/2019

SANCTION ORDER

To,
Dr. Saloni Raheja,
Assistant Professor'
Commerce Business Management and Economics
DAV University,

Sub: Amount sanctioned to implementation of project entitled "Competitive Advantage in the Steel Industry: Key Factors" - Reg.

Dear Sir/Madam,

Based on the proposal submitted by Dr. Saloni Raheja, I am pleased to convey the administrative approval for a grant of Rs. 236645/- (Rupees Two Lakh ThirtySix Thousand Six Hundred FourtyFive Only) to implement project titled "Competitive Advantage in the Steel Industry: Key Factors".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

Regards, RUDRA ALLOYS Pvt. Ltd.

ATTESTED



Ref: BSD/2019/46

SCO 37-38 First Floor, Urban Estate, Phase 2, Patiala-Rajpura Road, NH 64, Patiala, Punjab- 147002

Date: 06.01.20

Sanction Order

To, Dr. Samriti Khosla Associate Professor, Physics DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "The Role of Electromagnetic Fields in Enhancing Seed Germination" – Reg.

Dear Madam,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs. 236480/- for the execution of the project entitled "The Role of Electromagnetic Fields in Enhancing Seed Germination"

As per the decision, an amount of Rs.236480/- (Rupees Two Lakh ThirtySix Thousand Four Hundred Eighty Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "The Role of Electromagnetic Fields in Enhancing Seed Germination."

Kindly note that the grant should be

Spent for the execution of project within the defined time period.

ii)Any part of the grant amount unused or not required shall be surrendered back to BAANI MILK PRODUCER COMPANY LIMITED

For BAANI MILK PRODUCER COMPANY LIMITED

HR Manager

BAANI MILK PRODUCER COMPANY LIMITED

ATTESTED



KWALITY PHARMACEUTICALS LIMITED

6th Mile Stone, Village Nag Kalan Majitha Road, Nag, Punjab 143601

MO/KPL/22

Date: 08.November.2019

SANCTION ORDER

To Dr. Sandeep Kumar, Assistant Professor, Chemistry DAV University

Subject: Amount sanctioned to implementation of project titled. "Innovations in Chemical Processes for the Production of Specialty Polymers" -. Reg.

Dear Sir/Madam.

On behalf of the administrative decision, I wish to inform KWALITY Pharmaceuticals Ltd an amount of Rs.169355/- (Rupees One Lakh SixtyNine Thousand Three Hundred FiftyFive Only) for the execution of project entitled "Innovations in Chemical Processes for the Production of Specialty Polymers".

In light to the aforementioned, the grant amount will be released for DAV University Jalandhar, Punjab, INDIA for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to Star Health and Allied Insurance Company Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Kwality Pharmaceuticals Ltd

ATTESTED



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/55

23-February-2020

Sanction Order

To,

Dr. Sandeep Kumar Assistant Professor, Physics, DAV University Jalandhar

144012

Sub: Sanction of project amount for "Dynamics of Irrigation Systems: Optimizing Water Flow Using Fluid Mechanics" - Reg.

Dear Sir,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 180205/- as the budget-in-aid for the project entitled "Dynamics of Irrigation Systems: Optimizing Water Flow Using Fluid Mechanics".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

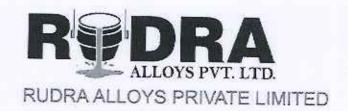
- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED



Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Ref: RAPVT/2019-20/16

Date: 4/11/2019

SANCTION ORDER

To,
Dr. Sandeep Vij,
Associate Professor'
Commerce Business Management and Economies
DAV University,

Sub: Amount sanctioned to implementation of project entitled "Business Model Innovation in Steel Production" - Reg.

Dear Sir/Madam,

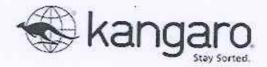
Based on the proposal submitted by Dr. Sandeep Vij, I am pleased to convey the administrative approval for a grant of Rs. 191400/- (Rupees One Lakh NinetyOne Thousand Four Hundred Only) to implement project titled "Business Model Innovation in Steel Production".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

Regards, RUDRA ALLOYS Pvt. Ltd.

ATTESTED



Ref: KIL/2019-20/42

7/14/2019

SANCTION ORDER

To,

Dr. Sanjeev Kumar Sharma, Assistant Professor, Computer Science and Applications, DAV University, Jalandhar

Sub: Sanction of project amount for " Graph Neural Networks for Sensory Aroma Prediction in Computer Science in learning environment" - Reg.

Dear Sir,

The Administrative approval to carry out the above mentioned project at a total budget of Rs. 198080/- Rupees One Lakh NinetyEight Thousand Eighty Only) to be released to DAV University, Jalandhar towards initiation and implementation of the above-mentioned project. The maximum duration of the project is not more than 8 months.

Sr. Manager

Kangro Industries Ltd.

ATTESTED



274, Dhandari Khurd, G.T. Road, Ludhiana 141014 - India

14.10.19 Date:

SANCTION ORDER

To Dr. Sapna Sethi DAV University

<u>Subject:</u> Amount sanctioned to execute project entitled "Applications of Supramolecular Chemistry in Developing Advanced Materials" - Reg.

Dear Sir/Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 222045/- (Rupees Two Lakh TwentyTwo Thousand FourtyFive Only) for the execution of the project entitled" Applications of Supramolecular Chemistry in Developing Advanced Materials.

As per the decision, an amount of Rs. 222045/- (Rupees Two Lakh TwentyTwo Thousand FourtyFive Only) will be released as the budget-in-aid to DAV University, Punjab INDIA for the execution of the project - "Applications of Supramolecular Chemistry in Developing Advanced Materials".

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period.
- ii) Any part of the grant amount unused or not required shall be surrendered back.

Chief Operating Officer

ATTESTED



A-16 NEW FOCAL POINT DABWALI ROAD , BATHIND, Punjab, India - 151001

Ref: PP/2019-20/14

Date: 25/April/2019

To Dr. Sarika Verma, Assistant Professor, Mathematics, DAV University.

<u>Subject:</u> Amount sanctioned to execute project entitled "Statistical Process Control in Manufacturing" - Reg.

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs.170940/- (Rupees One Lakh Seventy Thousand Nine Hundred Fourty Only) for the execution of the project entitled "Statistical Process Control in Manufacturing".

As per the decision, an amount of Rs. 170940/- (Rupees One Lakh Seventy Thousand Nine Hundred Fourty Only) will be released as the budget-in-aid to DAV University, Jalandhar, Punjab, INDIA for the execution of the project - "Statistical Process Control in Manufacturing".

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back.

Chief Operating Officer

ATTESTED



G.T. Road, Sirhind Side, Mandi Gobindgarh - 147301 (Punjab)

Ref. No. BAMP/2019-20/32

Dated: 10/11/2019

Sanction Order

To,
 Dr. Saruchi,
 Assistant Professor, Biotechnology,
 DAV University,
 Jalandhar.

Subject: implementation of project titled "Innovations in Biotechnology for the Development of Smart Wearable Sensors for Health Monitoring" Sanction amount –Regarding Dear Sir/Madam,

The implementation of project at a complete budgetary sanctioned amount of Rs. 230685/- (Rupees Two Lakh Thirty Thousand Six Hundred EightyFive Only) to be issues to DAV University, Jalandhar, Punjab". Total Duration of the project should not exceed more than 90 days.

(HR, Manager)

ATTESTED



Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Ref: RAPVT/2019-20/12

Date: 8/7/2019

SANCTION ORDER

To,
Dr. Satinder Kumar,
Assistant Professor'
Commerce Business Management and Economics
DAV University,

Sub: Amount sanctioned to implementation of project entitled "The Steel Industry in Emerging Markets: Challenges and Opportunities" - Reg.

Dear Sir/Madam,

Based on the proposal submitted by Dr. Satinder Kumar, I am pleased to convey the administrative approval for a grant of Rs. 163725/- (Rupees One Lakh SixtyThree Thousand Seven Hundred TwentyFive Only) to implement project titled "The Steel Industry in Emerging Markets: Challenges and Opportunities".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

Regards, RUDRA ALLOYS Pvt. Ltd.

ATTESTED



BHAGWATI LACTO FOODS PRIVATE LIMITED

REGD. OFFICE: 18 1/2, Old Anaj Mandi, Ferozepur Cantt. - 152001

Sanction Order

Ref: BLFPL-2019-39 Date: 15-10-19

To,

Dr. Sharanjit Singh, Assistant Professor, Mechanical Engineering, DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Design and Development of Autonomous Agricultural Robots for Precision Farming" –Reg:

Dear Sir.

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 240755/- (Rupees Two Lakh Fourty Thousand Seven Hundred FiftyFive Only) for the execution of the project entitled "Design and Development of Autonomous Agricultural Robots for Precision Farming".

As per the decision, an amount of Rs. 240755/- (Rupees Two Lakh Fourty Thousand Seven Hundred FiftyFive Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project - "Design and Development of Autonomous Agricultural Robots for Precision Farming". The maximum duration of the project is not more than 7months.

Kindly note that the grant should be

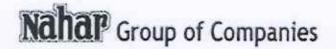
i) Spent for the execution of project within the defined time period,

ii) Any part of the grant amount unused or not required shall be surrendered back to BHAGWATI LACTO FOODS PRIVATE LIMITED

Authorized Signatory HR

BHAGWATI LACTO FOODS Pvt. Ltd

ATTESTED



"Nahar Tower " Industrial Area - A Ludhiana - 141 003 (INDIA)

Ref: NIEL/2019-20/55

Date: 15/06/19

SANCTION ORDER

To, Dr. Shelly Garg, Assistant Professor, Mathematics, DAV University, Punjab.

Sub: Sanction of project amount for "Mathematical Models for Forecasting Energy Demand" - Reg.

Dear Madam.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs.241095/- (Rupees Two Lakh FourtyOne Thousand NinetyFive Only) as the budget-in-aid for the project entitled "Mathematical Models for Forecasting Energy Demand".

As per the decision, an amount of Rs.241095/- (Rupees Two Lakh FourtyOne Thousand NinetyFive Only) will be released as the budget-in-aid to DAV University, Jalandhar, Punjab, INDIA, for the execution of the project.

Kindly note that the grant should be

i) Spent for the execution of project within the defined time period.

ii) Any part of the grant amount unused or not required shall be surrendered back.

Branch Manager

NAHAR INDUSTRIAL ENTERPRISES LIMITED

ATTESTED



Ref. No/ J MPL/51/2020

Date: 29-03-2020.

SANCTION ORDER

To
Dr. Shivika Sharma,
Assistant Professor,
Department of Biotechnology,
DAV University,
Jalandhar

Subject: Amount sanctioned to implementation of project titled. "Applying Biotechnology to Develop Novel Methods for Water Purification and Desalination". Reg.

Madam,

I am directed to convey the Administrative approval for the implementation of the abovementioned project at a total budgetary outlay of Rs. 2,46,410/- (Rupces Two Lakh Forty Six Thousand Four Hundred Ten Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 2,46,410/- (Rupees Two Lakh Forty Six Thousand Four Hundred Ten Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Applying Biotechnology to Develop Novel Methods for Water Purification and Desalination". The maximum duration of the project is more than 6 months.

De L Kumer Managing Director

ATTESTED



SAL AUTOMOTIVE LIMITED

C-127, 4th floor, Satguru Infetech, Phase-8, Industrial Area, Sahibzada Ajit Singh Nagar, Punjab 160071

> Ref. NoSAL Automotive/Nov/2019/31 Date: 10:11;19

Letter of Approval

To, Aarti Puri, Assistant Professor, Psychology, DAV University, Punjab.

Subject: Amount sanctioned to implementation of project titled Study how complexity in textile designs impacts decision-making processes."-Reg.

Dear Madam.

I am privileged to convey the Administrative approval for the implementation of the above mentioned project at a total budgetary outlay of Rs.155185/- (Rupees One Lakh FiftyFive Thousand One Hundred EightyFive Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.155185/-(Rupees One Lakh FiftyFive Thousand One Hundred EightyFive Only) of Budget-in-aid to DAV University, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. Impact of employee engagement in the Banking Sector

Note: The grant amount shall be

i) spent for the project within the specified time;

 ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered.

Authorized signatory



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/36

08-September-2019

Sanction Order

To,

Amandeep Brar Assistant Professor, Microbiology, DAV University Jalandhar– 144012

Sub: Sanction of project amount for "The Role of Yeasts in the Production of Biofuels from Agricultural Waste" – Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 172185/- as the budget-in-aid for the project entitled "The Role of Yeasts in the Production of Biofuels from Agricultural Waste".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2019-20/33

Dated: 06/09/2019

Sanction Order

To, Amanjot Kaur Assistant Professor, Education, DAV University, Punjab.

Subject: Amount sanctioned to implementation of project titled "Supply Chain Resilience in the Face of Natural Disasters"-Reg.

Madam.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 188855/- (Rupees One Lakh EightyEight Thousand Eight Hundred FiftyFive Only) to be released as Budget-in-Aid from Thapar Agro Millis Limited.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 188855/- (Rupees One Lakh EightyEight Thousand Eight Hundred FiftyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the abovementioned project i.e. "Supply Chain Resilience in the Face of Natural Disasters". The maximum duration of the project is not more than 6 Months.

Note: The grant amount shall be

i) spent for the project within the specified time:

ii)Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Cloud Technologies.

(Managing Director)

Authorized signatory

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2019-20/91

Dated: 18/03/2020

Sanction Order

To, Amanpreet Kaur Assistant Professor, Education, DAV University, Punjab.

Subject: Amount sanctioned to implementation of project titled "Adoption of Blockchain Technology in Agricultural Supply Chains"-Reg.

Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 196580/- (Rupees One Lakh NinetySix Thousand Five Hundred Eighty Only) to be released as Budget-in-Aid from Thapar Agro Millis Limited.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 196580/- (Rupees One Lakh NinetySix Thousand Five Hundred Eighty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Adoption of Blockchain Technology in Agricultural Supply Chains". The maximum duration of the project is not more than 9 Months.

Note: The grant amount shall be

i) spent for the project within the specified time;

ii)Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Cloud Technologies.

(Managing Director) Authorized signatory

ATTESTED



Opp. HP Petrol Pump, Mudki Road, Bagha Purana, Punjab 142038

Ref: MIDAS/2019/28

03-May-2019

Sanction Order

Tο,

Amneet Kaur Bhatia, Assistant Professor, English, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Evaluating the Financial Health of Agricultural

Cooperatives" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 181565/- (Rupees One Lakh EightyOne Thousand Five Hundred SixtyFive Only)for the execution of project entitled "Evaluating the Financial Health of Agricultural Cooperatives".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



Opp. HP Petrol Pump, Mudki Road, Bagha Purana, Punjab 142038

Ref: MIDAS/2019/49

03-June-2019

Sanction Order

To,

Anisha Sindhu, Assistant Professor, English, DAV University, Jalandhar — 144012

Dear Sir/Madam,

Subject: Project entitled "The Impact of Artificial Intelligence on Crop Management"

- Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 194120/- (Rupees One Lakh NinetyFour Thousand One Hundred Twenty Only) for the execution of project entitled "The Impact of Artificial Intelligence on Crop Management".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED



PIONEER INDUSTRIES PRIVATE LIMITED

Plot No. A2, A3-A4, Village Ranipur, Industrial Growth Centre, Defence Rd, Punjab 145023

Ref. No PIPL/2019-20/55

Date: 10-08-2019

SANCTION ORDER

To, Anmol Bajaj, Assistant Professor, Mathematics, DAV University. Punjab.

Subject: Amount sanctioned to implementation of project titled "Mathematical Models in Drug Delivery and Pharmacokinetics"- Reg.

Sir.

I am privileged to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs.215960/- (Rupees Two Lakh Fifteen Thousand Nine Hundred Sixty Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.215960/-(Rupees Two Lakh Fifteen Thousand Nine Hundred Sixty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Mathematical Models in Drug Delivery and Pharmacokinetics". The maximum duration of the project is not more than 10 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered.

Project Head Authority



B-XXIX / 143, Giaspura Road, Ludhiana - 141003 (Pb) INDIA

Ref. No. AIL/2019-20/65 Dated: 30/06/19

Sanction Order

To, Arun Kochar, Assistant Professor, Mathematics, DAV University, Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Fuzzy Logic in Decision Making for Complex Industrial Systems"-Reg.

Sir,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 154155/-(Rupees One Lakh FiftyFour Thousand One Hundred FiftyFive Only) to be released as Budget-in-Aid from ARISUDANA INDUSTRIES LIMITED, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 154155/-(Rupees One Lakh FiftyFour Thousand One Hundred FiftyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Fuzzy Logic in Decision Making for Complex Industrial Systems". The maximum duration of the project is not more than 9 months.

Note: The grant amount shall be

spent for the project within the specified time;

ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to ARISUDANA INDUSTRIES LIMITED, Punjab.

(Managing Director) Authorized signatory Registrar

DAV University, Jalandhar

ATTESTED



Ambala Chandigarh Expressway, Behind Bhandari Export, Near Lalru, Mohali, Punjab 140501

SEL/2019-20/40

Date: 02/03/2020

SANCTION ORDER

To
Arvind Mahindru,
Assistant Professor, Computer Science and Applications,
DAV University

Subject: Amount sanctioned to implementation of project titled. "Mobile application for restaurants and food delivery services to accept online orders and manage delivery logistics.". Reg.

Sir.

I am directed to convey the Administrative approval for the implementation of the abovementioned project at a total budgetary outlay of Rs. 203485/- (Rupees Two Lakh Three Thousand Four Hundred EightyFive Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 203485/- (Rupees Two Lakh Three Thousand Four Hundred EightyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Mobile application for restaurants and food delivery services to accept online orders and manage delivery logistics.". The maximum duration of the project is not more than 11 months.

Managing Director



VARDHMAN SPECIAL STEELS LIMITED

C-58, Focal Point, Ludhiana, Punjab 141 010

Doc.No: VSL/19-20/18

Date: 11/6/2019

SANCTION LETTER

To
Ashutosh Bhadoria,
Assistant Professor, Electrical Engineering,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Real-Time Monitoring of Power Quality in Steel Industry Distribution Networks"- Reg.

Dear Sir,

Based on the proposal submitted by Ashutosh Bhadoria I am pleased to convey the administrative approval for a grant of Rs.233835/- (Rupees Two Lakh ThirtyThree Thousand Eight Hundred ThirtyFive Only) to implement project titled "Real-Time Monitoring of Power Quality in Steel Industry Distribution Networks".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 7 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. VARDHMAN SPECIAL STEELS Ltd. will monitor and coordinate the project either directly.

Managing Director

Bigin 11



Sangrur Barnala Road. Village Badbar Distt. Barnala- 148106

Ref: AFPL/19-20/31

22-07-2019

Sanction Order

To,

B P S Bedi Associate Professor, English DAV University Jalandhar – 144012

Subject: Project entitled "Assessing Market Opportunities for Ethnic Foods" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that ANEJA FOODS confers an amount of Rs. 165920/-(Rupees One Lakh SixtyFive Thousand Nine Hundred Twenty Only) for the execution of project entitled "Assessing Market Opportunities for Ethnic Foods".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to ANEJA FOODS PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

ANEJA FOODS PRIVATE Pvt. Ltd.



VARDHMAN SPECIAL STEELS LIMITED

C-58, Focal Point, Ludhiana, Punjab 141 010

Doc.No: VSL/19-20/26

Date: 9/28/2019

SANCTION LETTER

To

Bindia,

Assistant Professor, Commerce Business Management and Economics,

DAV University,

Jalandhar.

Subject: Sanction order for the implementation of project titled "The Impact of Economic Downturns on Steel Production"- Reg.

Dear Madam,

Based on the proposal submitted by Bindia I am pleased to convey the administrative approval for a grant of Rs.168460/- (Rupees One Lakh SixtyEight Thousand Four Hundred Sixty Only) to implement project titled "The Impact of Economic Downturns on Steel Production".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 6 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator, VARDHMAN SPECIAL STEELS Ltd. will monitor and coordinate the project either directly.

Managing Director

ATTESTED

Uenus Garments (India) Limited

A 2 Star Export House

G.T. Road (West), , Ludhiana, Punjab, India - 141008

Doc No: VGL/2019-20/05

Dt: 09.July.19

SANCTION ORDER

From

Venus Garments

Punjab State,

To,

Chander Pal Singh DAV University

Sub: Sanction of project amount for "Evaluating the Role of Lightweight Fabrics in Athletic Wear for Enhanced Mobility in Physical Education" - Reg.

Dear Sir/Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 238985/- as the budget-in-aid for the project entitled "Evaluating the Role of Lightweight Fabrics in Athletic Wear for Enhanced Mobility in Physical Education".

As per the decision, an amount of Rs. 238985/- will be released as the budget-in-aid to DAV University, Punjab State INDIA, for the execution of the project'

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back.

ATTESTED

Venus Garments



VARDHMAN SPECIAL STEELS LIMITED

C-58, Focal Point, Ludhiana, Punjab 141 010

Doc.No: VSL/19-20/32

Date: 4/14/2019

SANCTION LETTER

To

Chander Shekhar Dogra,
Assistant Professor, Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: Sanction order for the implementation of project titled "Risk Assessment Models for Steel Projects"- Reg.

Dear Sir,

Based on the proposal submitted by Chander Shekhar Dogra I am pleased to convey the administrative approval for a grant of Rs.206535/- (Rupees Two Lakh Six Thousand Five Hundred ThirtyFive Only) to implement project titled "Risk Assessment Models for Steel Projects".

This sanction is further subject to tens and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 6 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. VARDHMAN SPECIAL STEELS Ltd. will monitor and coordinate the project either directly.

Managing Director

ATTESTED



Sangrur Barnala Road. Village Badbar Distt. Barnala- 148106

Ref: AFPL/19-20/24

10-05-2019

Sanction Order

To.

Digvijay Singh Assistant Professor, English DAV University Jalandhar – 144012

Subject: Project entitled "Analyzing Profitability in Community Supported Agriculture (CSA)" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that ANEJA FOODS confers an amount of Rs. 206105/-(Rupees Two Lakh Six Thousand One Hundred Five Only) for the execution of project entitled "Analyzing Profitability in Community Supported Agriculture (CSA)".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to ANEJA FOODS PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

ANEJA FOODS PRIVATE Pvt. Ltd.

ATTESTED



1007, Chowk Dholewal, G.T. Road, Ludhiana, Punjab, India.

Date: 22-08-2019.

SANCTION ORDER

To
Ms. Ekta,
Assistant Professor,
Computer Science and Applications,
DAV University,
Jalandhar.

Subject: Amount sanctioned to implementation of project titled. "A comparative analysis of different size boilers for their effective performance" -. Reg.

Dear Madam.

On behalf of the administrative decision, I wish to inform RENNY STRIPS PRIVATE LIMITED, Ludhiana, Punjab confers an amount of Rs. 1,51,780/- (Rupees One Lakh Fifty One Thousand Seven Hundred Eighty Only) for the execution of project entitled "A comparative analysis of different size boilers for their effective performance".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar, Punjab, INDIA for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to RENNY STRIPS PRIVATE LIMITED, Ludhiana, Punjab.
- (b) Tenure of the project will not be extended under any circumstances.

Pakien Wagef RENNY STRIPS Put I to

ATTESTED

VPO:, Budhewal Rd, Budhewal, Punjab 141112



Ref. No. ARL/2019-20/16

Date: 01-10-2019

Order

To,
Garima Jain
Assistant Professor, Computer Science and Engineering
DAV University
Jalandhar, Punjab- 144012

Subject: Amount transferred to carry out the of project titled "The Effect of advertisement on Consumer Brand Preference"—Reg.

Madam,

I am directed to convey the Administrative approval to carry out the above mentioned project at a total budget of Rs. 244285/- (Rupees Two Lakh FourtyFour Thousand Two Hundred EightyFive Only) to be released as Budget-in- Aid from ALLIED RECYCLING Ltd, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 244285/- (Rupees Two Lakh FourtyFour Thousand Two Hundred EightyFive Only) of Budget- in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "The Effect of advertisement on Consumer Brand Preference". The maximum duration of the project is not more than 8 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to ALLIED RECYCLING Pvt. Ltd, Punjab.

For, ALLIED RECYCLING Pvt. Ltd.,

ATTESTED

PARAMOUNT

PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/39

Date: 24/November/2019

ORDER

To,

Gauray Sachdeva,

Assistant Professor, Electrical Engineering,

DAV University.

Jalandhar.

Subject: "Electric Power Demand Forecasting Using AI in Steel Production Facilities" - Reg. Dear Sir,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 246350/- (Rupees Two Lakh FourtySix Thousand Three Hundred Fifty Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 246350/- (Rupees Two Lakh FourtySix Thousand Three Hundred Fifty Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., " Electric Power Demand Forecasting Using AI in Steel Production Facilities" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 9 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you.

Kush Andel

Paramount Steels Limited

ATTESTED

Registrar DAV University, Jalandhar

B-56, PHAS4E VII, FOCAL POINTLUDHIANA, NA, Punjab, India-148023

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2019-20/21

Dt:03/Nov/2019

Budget Sanction Order

To, Gaurav Sharma Assistant Professor, Civil Engineering DAV University, Jalandhar,

Dear Sir/Madam,

Subject: Amount sanctioned for implementing the project titled "Integrating Renewable Energy Solutions in Building Design: Feasibility and Economic Analysis"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 222095/- (Rupees Two Lakh TwentyTwo Thousand NinetyFive Only) to be released as Budget-in-Aid from G. O. STEEL On behalf of the administrative decision, I wish to inform that Aid from G. O. STEEL, confers an amount of Rs. 222095/- (Rupees Two Lakh TwentyTwo Thousand NinetyFive Only) for the execution of project entitled "Integrating Renewable Energy Solutions in Building Design: Feasibility and Economic Analysis". In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to G. O. STEEL Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authorized signature

ATTESTED



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/49

19-February-2020

Sanction Order

To,

Geeta Kumari
Assistant Professor, Journalism & Mass Communication,
DAV University
Jalandhar—144012

Sub: Sanction of project amount for "The Role of Technology in Reducing Agricultural Labor Costs" - Reg.

Dear Madam.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 202965/- as the budget-in-aid for the project entitled "The Role of Technology in Reducing Agricultural Labor Costs".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED



AARTI STEELS LIMITED

G.T ROAD, MILLER GANJ, LUDHIANA - 141003

Ref. No. ASL/19-20/05

Dated: 25-10-19

Sanction Order

To,
Gurdeep Singh,
Assistant Professor, Mechanical Engineering
DAV University
Jalandhar

Subject: Sanction order for implementing project entitled "Optimizing Power Transmission Systems in Tractors: Enhancing Engine Efficiency and Reliability"—Reg.

Dear Sir/Madam.

As discussed with management please accept this approval for the above-mentioned project at a total budgetary quote of Rs. 176015/- (Rupees One Lakh SeventySix Thousand Fifteen Only) to be released as Budget-in-Aid from Aarthi Steels Limited.

We have sanctioned the total amount under the Delegation of Financial power rules to release an amount of Rs. 176015/- (Rupees One Lakh SeventySix Thousand Fifteen Only) of Budget-in-aid to DAV University, Jalandhar, AP towards conducting the above-mentioned project i.e. "Optimizing Power Transmission Systems in Tractors: Enhancing Engine Efficiency and Reliability". The maximum duration of the project is not more than 8 Months.

Note: The grant expenditure should abide with following

- 1) Spent for the project within the specified time
- 2) The expenditure should be outlaid with authentic bills or authentic paper work.

Authorized signature



G.T. Road, Sirhind Side, Mandi Gobindgarh - 147301 (Punjab)

Ref. No. BAMP/2019-20/43

Dated: 16/06/2019

Sanction Order

To, Hardeep singh, Assistant Professor, Mechanical Engineering, DAV University, Jalandhar.

Subject: implementation of project titled "Regenerative Braking Systems in Tractors: Energy Recovery and Its Impact on Engine Efficiency" Sanction amount -Regarding

Dear Sir/Madam,

The implementation of project at a complete budgetary sanctioned amount of Rs. 158165/- (Rupees One Lakh Fifty Eight Thousand One Hundred Sixty Five Only) to be issues to DAV University, Jalandhar, Punjab". Total D u r a t i o n of the project should not exceed more than 90 days.

Abanthi8_

(HR, Manager)

Registrar

ATTESTED



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/47

14-February-2020

Sanction Order

To,

Hari Krishan Singh Assistant Professor, Journalism & Mass Communication, DAV University Jalandhar–144012

Sub: Sanction of project amount for "Impact of Food Labeling on Consumer Choices" - Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 223435/- as the budget-in-aid for the project entitled "Impact of Food Labeling on Consumer Choices".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- i) Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

DAY University, Jolandhan



Ref. No. HSL/19-20/08

Sua Rd, Industrial Area C, Guru Amar Das Colony, Ludhiana, Punjab 141003

Dated: 26-July-19

Sanction Order

To, Harish Kumar Garg, Assistant Professor, Mechanical Engineering, DAV University, Jalandhar.

Subject: Implementation of project titled "Integration of Internet of Things (IoT) in Tractor Engine

Systems for Real-Time Monitoring and Optimization"-Reg.

Dear Sir/Madam,

Approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 187060/-(Rupees One Lakh EightySeven Thousand Sixty Only) to be released as Budget. The sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 187060/-(Rupees One Lakh EightySeven Thousand Sixty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Integration of Internet of Things (IoT) in Tractor Engine Systems for Real-Time Monitoring and Optimization". The maximum duration of the project is not more than 8 Months.

(Managing Director)

ATTESTED

All this ersity, Jalandhar



Industrial Area - 'A', Ludhiana-3 (PB) India

Ref:GAL-2019-20-62

27.05.2019

Sanction Order

To,
Harjinder Kaur
Assistant Professor,
Chemistry,
DAV University
Jalandhar – 144012

 $\underline{\text{Subject}}$: Amount sanctioned to execute project entitled "Assessing the Effects of Chemical Treatments on the Flame Retardancy of Fabrics" – Reg.

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 164215/-(Rupees One Lakh SixtyFour Thousand Two Hundred Fifteen Only) for the execution of the project entitled "Assessing the Effects of Chemical Treatments on the Flame Retardancy of Fabrics"

As per the decision, an amount of Rs. 164215/-(Rupees One Lakh SixtyFour Thousand Two Hundred Fifteen Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "Assessing the Effects of Chemical Treatments on the Flame Retardancy of Fabrics".

Kindly note that the grant should be

- Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back to GANGA ACROWOOLS LIMITED

6

Authorized Signatory
HR
GANGA ACROWOOLS LIMITED

ATTESTED

14V University, Jalandhar



Ref. No. SEL/2019-20/40

Dated: 22-04-2019

Sanction Order

To, Harjot Kaur, Assistant Professor, Psychology, DAV University, Janlandhar.

Subject: Sanction order for implementing project entitled "Investigate the effects

of using specific textiles in therapeutic settings (e.g., hospitals)."-Reg.

Dear Madam,

As discussed with management please accept this approval for the above-mentioned project at a total budgetary quote of Rs. 183130/- (Rupees One Lakh EightyThree Thousand One Hundred Thirty Only) to be released as Budget-in-Aid from D D INTERNATIONAL PRIVATE LIMITED, Amritsar, Punjab.

We have sanctioned the total amount under the Delegation of Financial power rules to release an amount of Rs. 183130/- (Rupees One Lakh EightyThree Thousand One Hundred Thirty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards conducting the above-mentioned project i.e. "Investigate the effects of using specific textiles in therapeutic settings (e.g., hospitals).". The maximum duration of the project is not more than 8 months.

Note: The grant expenditure should abide with following

Spent for the project within the specified time

 The expenditure should be outlaid with authentic bills or authentic paper work.

AUTHORIZED SIGNATURE MANAGING DIRECTOR



Rani Ka Bagh, Amritsar Cantonment, Amritsar, Punjab 143001

126



GROSPINZ FABZ LIMITED

NEAR RAILWAY CROSSING FACTORY ROAD, MUKTSAR, Punjab, India - 152026

Ref. No. GFL/DP/2020/38

Dated: 02-01-2020

SANCTION ORDER

To, Ms. Harkiran Kaur, Assistant Professor, Computer Science and Applications, DAV University, Jalandhar.

Subject: Funding approval for the implementation of project titled "Improving communication networks and systems within the nursing home for efficient information exchange among staff" to be implemented by Ms. Harkiran Kaur.

Dear Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 1,95,390/- (Rupees One Lakh Ninety Five Thousand Three Hundred Ninety Only) to be released as Budget-in-Aid from Grospinz Fabz Limited.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 1,95,390/- (Rupees One Lakh Ninety Five Thousand Three Hundred Ninety Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Improving communication networks and systems within the nursing home for efficient information exchange among staff". The maximum duration of the project is not more than 9 months.

(Managing Director)

Signature

.

W University, Jalandhar

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2019-20/27

Dt:18/Jan/2020

Budget Sanction Order

To,
Harpreet Kaur
Assistant Professor, Commerce Business Management and Economics
DAV University,
Jalandhar,

Dear Sir/Madam.

Subject: Amount sanctioned for implementing the project titled "The Impact of CSR on Brand Loyalty in Steel Firms"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 245305/- (Rupees Two Lakh FourtyFive Thousand Three Hundred Five Only) to be released as Budget-in-Aid from G. O. STEEL On behalf of the administrative decision, I wish to inform that Aid from G. O. STEEL, confers an amount of Rs. 245305/- (Rupees Two Lakh FourtyFive Thousand Three Hundred Five Only) for the execution of project entitled "The Impact of CSR on Brand Loyalty in Steel Firms". In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to G. O. STEEL Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authorized stanature

DAY University, Jalandhar



Ref. No. ATL/Funding/2019

Dated: 11-04-19

Sanction Order

To.

Inderjit Singh

Assistant Professor, Electronics and Communication Engineering

DAV University

Jalandhar

Subject: Sanction of project amount for "Electrically Conductive Leather for Flexible Electronic Devices"-Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 205765/- (Rupees Two Lakh Five Thousand Seven Hundred SixtyFive Only) as the budget- in-aid for the project entitled "Electrically Conductive Leather for Flexible Electronic Devices".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

Project should be executed within the agreed time period.

ii) Unused portion of the grant shall be credited back to AVANI Pvt. ltd

ATTESTED

AV University, Jalandhar

Managing Director AVANI Pvt. ltd



BAANI MILK PRODUCER COMPANY LIMITED

Ref: BSD/2019/41

SCO 37-38 First Floor, Urban Estate, Phase 2, Patiala-Rajpura Road, NH 64, Patiala, Punjab- 147002

Date: 24.12.19

Sanction Order

To, Indu Barwal Assistant Professor, Biotechnology DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Exploring the Potential of Plant Biotechnology in Producing Novel Therapeutics and Vaccines" – Reg.

Dear Madam.

I am very pleased to inform the decision taken on the administrative approval to sanction Rs. 193395/- for the execution of the project entitled "Exploring the Potential of Plant Biotechnology in Producing Novel Therapeutics and Vaccines"

As per the decision, an amount of Rs.193395/- (Rupees One Lakh NinetyThree Thousand Three Hundred NinetyFive Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project — "Exploring the Potential of Plant Biotechnology in Producing Novel Therapeutics and Vaccines."

Kindly note that the grant should be

i) Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to BAANI MILK PRODUCER COMPANY LIMITED

For BAANI MILK PRODUCER COMPANY LIMITED

HR Manager

BAANI MILK PRODUCER COMPANY LIMITED

ATTESTED

DAV University, Jalandhar



Ref. No. ATL/Funding/2019

Dated: 04-08-19

Sanction Order

To,
Jashandeep Kaur
Assistant Professor, Psychology
DAV University
Jalandhar

Subject: Sanction of project amount for "Investigate the psychological impact of fast fashion on consumer anxiety and stress."-Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 220630/- (Rupees Two Lakh Twenty Thousand Six Hundred Thirty Only) as the budget- in-aid for the project entitled "Investigate the psychological impact of fast fashion on consumer anxiety and stress.".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

DAV University, Jalandhar

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back to AVANI Pvt. ltd

Managing Director AVANI Pvt. ltd



PREET AGRO INDUSTRIES PRIVATE LIMITED

Ref: PAIPL/2019/44

Date: 29.September.2019

Sanction Order

To,
Jiwan Bala Khosla
Assistant Professor, Education,
DAV University,
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Impact of Government Policies on Agricultural Export Performance" – Reg:

Dear Madam.

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 230690/- (Rupees Two Lakh Thirty Thousand Six Hundred Ninety Only) for the execution of the project entitled "Impact of Government Policies on Agricultural Export Performance".

As per the decision, an amount of Rs. 230690/- (Rupees Two Lakh Thirty Thousand Six Hundred Ninety Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project - "Impact of Government Policies on Agricultural Export Performance". The maximum duration of the project is not more than 7 months.

Kindly note that the grant should be

i)Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to PREET AGRO INDUSTRIES PRIVATE LIMITED.

For PREET AGRO INDUSTRIES PRIVATE LIMITED.

Director

DAV University, Jalandhar

No. 28, Patiala Rd, Dashmesh Nagar, Utrathiya, Nabha, Zirakpur, Punjab 147201

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2019-20/15

Dt:14/Sept/2019

Budget Sanction Order

To,
Kewal Krishan
Assistant Professor, Commerce Business Management and Economics
DAV University,
Jalandhar,

Dear Sir/Madam,

Subject: Amount sanctioned for implementing the project titled "Transparency and Ethical Practices in Steel Manufacturing"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 166915/- (Rupees One Lakh SixtySix Thousand Nine Hundred Fifteen Only) to be released as Budget-in-Aid from G. O. STEEL On behalf of the administrative decision, I wish to inform that Aid from G. O. STEEL, confers an amount of Rs. 166915/- (Rupees One Lakh SixtySix Thousand Nine Hundred Fifteen Only) for the execution of project entitled "Transparency and Ethical Practices in Steel Manufacturing". In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to G. O. STEEL Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authorized signature

Registrar JAV University, Jalandhar



Swaraj Engines Limited

Ref. No. SEL/2019-20/45

Plot No. 2, Phase 9, Industrial Area, Industrial Area Mohali Phase 9, Sahibzada Ajit Singh Nagar , Punjab 160062

Dated:21-08-19

Sanction Order

To.

Mandeep Kaur,

Assistant Professor.

Civil Engineering

DAV University

Jalandhar

Subject: Sanction order for implementation of project on "Fire Resistance of Steel Structures: Experimental Studies and Design Recommendations"-Reg.

Dear Madam,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 242405(Rupees Two Lakh FourtyTwo Thousand Four Hundred Five Only) for implementation of above said project to be issued as a modern food Budget in Aid.

A total amount of Rs. 242405/- (Rupees Two Lakh FourtyTwo Thousand Four Hundred Five Only) of Budget issued to the DAV University, Jalandhar for the implementation of the above listed project, i.e. "Fire Resistance of Steel Structures: Experimental Studies and Design Recommendations" was approved by the Finance Department of Industry. The cumulative length of the project shall not be more than 11 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to modern foods.

Jesika P (Administrative officer) Authorized signature

DAV University, Jalandhar

PARAMOUNT

-STEEL-

PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/41

Date: 23/February/2020

ORDER

To,
Mandeep Kaur,
Assistant Professor,
Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: "Community Development Initiatives by Steel Companies" - Reg.

Dear Madam,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 223365/- (Rupees Two Lakh Twenty Three Thousand Three Hundred Sixty Five Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 223365/- (Rupees Two Lakh Twenty Three Thousand Three Hundred Sixty Five Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., "Community Development Initiatives by Steel Companies" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 10 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you.

Paramount Steels Limited

Krigh Ankal

Denietrar

ATTESTED

DAY University, Jalandhar



Opp. HP Petrol Pump, Mudki Road, Bagha Purana, Punjab 142038

Ref: MIDAS/2020/19

02-January-2020

Sanction Order

To,

Manpreet Kaur, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Rale of Soil Microbial Communities in Decomposing

Organic Matter" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 162165/- (Rupees One Lakh SixtyTwo Thousand One Hundred SixtyFive Only)for the execution of project entitled "Role of Soil Microbial Communities in Decomposing Organic Matter".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

Registrar
DAV University, Jalandhar

BASSI ALLOYS PRIVATE LIMITED

F. No. BAPL/61

Date: 21-08-19

Sanction Order

To,
Manpreet singh,
Assistant Professor, Physical
Education,
DAV University,
Jalandhar.

Subject: Financial Assistance to Manpreet singh of DAV University to develop the project titled "Assisting in implementing telemedicine solutions and remote monitoring systems" -Reg.

Sir,

I am directed to convey the administrative approval of Rs. 201875/- (Rupees Two Lakh One Thousand Eight Hundred SeventyFive Only) for implementing the project titled "Assisting in implementing telemedicine solutions and remote monitoring systems", to Manpreet singh of DAV University, Punjab. towards initiation and implementation of the above-mentioned project. The duration of the project is not more than 4Months.

The various works approved are to be executed as per the sanctioned schedule of rates applicable in the area. The aforesaid amount may be spent in accordance with the plan operation sanctioned as per terms and conditions and no deviation from the approved items of expenditure shall be made without prior concurrence of the funding company.

For BASSI ALLOYS Pvt Ltd.,

Lokanath

L / Junit

Executive Manager

Registrar
AV University, Jalandhar

PARAMOUNT

PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/22

Date: 05/September/2019

ORDER

To,
Megha Laroia,
Assistant Professor,
Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: "Quality Assurance Practices in Steel Production" - Reg.

Dear Madam,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 244030/- (Rupees Two Lakh FourtyFour Thousand Thirty Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 244030/- (Rupees Two Lakh FourtyFour Thousand Thirty Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., " Quality Assurance Practices in Steel Production" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 7 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you,

Kush Balad

Paramount Steels Limited

REGistrar

AV University, Jalandhar



Budhewal, Chandigarh Road , Ludhiana - 141112 (Punjab)

Ref-VSBL/18

Date:21.February.2020

ORDER

To
Nater Singh,
Assistant Professor,
Mechanical Engineering,
DAV University
Punjab.

Subject: Sanction order for the implementation of project titled "Exploring Hydrogen Fuel Cell Technology for Tractor Engines: A Zero-Emission Future for Agriculture"- Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.200970/- (Rupees Two Lakh Nine Hundred Seventy Only) for the execution of the project entitled " Exploring Hydrogen Fuel Cell Technology for Tractor Engines: A Zero-Emission Future for Agriculture"

As per the decision, an amount of Rs.200970/- (Rupees Two Lakh Nine Hundred Seventy Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director

Registrar
DAV University, Jalandhar



PLOT NO F 93 & 102 PHASE VII FOCAL POINT LUDHIANA, PUNJAB

Ref. No. SIPL/2019/26

Date: 17-09-19

PROJECT SANCTION ORDER

To,
Navdeep Kaur,
Assistant Professor, Mathematics,
DAV University,
Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Optimization of Financial Portfolios Using Markowitz Theory"-Reg.

Madam.

I am privileged to convey the Administrative approval for the implementation of the above- mentioned project at a total budgetary outlay of Rs.194925/- (Rupces One Lakh Ninety Four Thousand Nine Hundred Twenty Five Only) to be released as Budget-in-Aid.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.194925/-(Rupees One Lakh Ninety Four Thousand Nine Hundred Twenty Five Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Optimization of Financial Portfolios Using Markowitz Theory". The maximum duration of the project is not more than 4Months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered.

Project Head Authorized

Signatory

Registrar Ny University, Jalandhar



Bathinda Road, Near Railway Crossing, NH64, Distt Bathinda, Bathinda Rd, Rampura Phul, Punjab 151103

Ref. No. SL/2019/16

dt: 05:04:201919

Sanction Order

To,
Naveen Bilandi
Assistant Professor, Computer Science and Engineering
DAV University
Jalandhar, Punjab- 144012

Subject: Amount sanctioned to carry out the of project titled "Software for identifying attacks and defences on medical deep learning systems" – Reg. Sir,

I am directed to convey the Administrative approval to carry out the above mentioned project at a total budget of Rs. 221905/- (Rupees Two Lakh TwentyOne Thousand Nine Hundred Five Only) to be released as Budget-in-Aid from STELCO LIMITED, Bathinda, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 221905/- (Rupees Two Lakh TwentyOne Thousand Nine Hundred Five Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Software for identifying attacks and defences on medical deep learning systems". The maximum duration of the project is not more than 11 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to STELCO LIMITED, Bathinda, Punjab.

STELĆO LIMITED

Registrar DAV University, Jalandhar



BONN NUTRIENTS PRIVATE LIMITED

Ref: BNPT/2019/42

18-November-2019

Sanction Order

To,

Nirja Kumari
Assistant Professor, Botany and Environment Science,
DAV University
Jalandhar–144012

Sub: Sanction of project amount for "Testing the Quality of Evaluation of Football Academy Building" - Reg.

Dear Madam.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 172055/- as the budget-in-aid for the project entitled "Testing the Quality of Evaluation of Football Academy Building".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- i) Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back.

Authorized Signatory

Manager

BONN NUTRIENTS PRIVATE LIMITED

ATTESTED

Registrar

AN University, Jalandhar

PUNJAB LEATHER PROCESSORS PRIVATE LIMITED

Z, Basti Bawa Khel, Jalandhar, Punjab 144002

Ref:/PLPPL/2019/45

Dt: 14-08-2019.

<u>ORDER</u>

To
Ms. Nishi,
Assistant Professor,
Computer Science and Engineering,
DAV University,
Punjab.

Subject: Sanction order for the implementation of project titled "Automatic Human Emotion Recognition System using Facial Expressions with Convolution Neural Network" - Reg.

Dear Madam.

Based on the proposal submitted by Ms. Nishi. I am pleased to convey the administrative approval for a grant of Rs. 1,53,970/- (Rupees One Lakh Fifty Three Thousand Nine Hundred Seventy Only) to implement project titled "Automatic Human Emotion Recognition System using Facial Expressions with Convolution Neural Network".

I am pleased to release Rs. 1,53,970/- (Rupees One Lakh Fifty Three Thousand Nine Hundred Seventy Only) immediately towards the grant for the year 2019-20. This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall be exceeding by 10 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator will monitor and coordinate the project chiectly.

Executive Manager

Puniab Leather Processor Pvt.Ltd.



Sangrur Barnala Road. Village Badbar Distt. Barnala- 148106

Ref: AFPL/19-20/15

19-04-2019

Sanction Order

To,

Nivedita Gupta Assistant Professor, English DAV University Jalandhar – 144012

Subject: Project entitled "Evaluating the Benefits of Crop Diversification for Farmers" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that ANEJA FOODS confers an amount of Rs. 230910/-(Rupees Two Lakh Thirty Thousand Nine Hundred Ten Only) for the execution of project entitled "Evaluating the Benefits of Crop Diversification for Farmers".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to ANEJA FOODS PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

ANEJA FOODS PRIVATE Pvt. Ltd.

ATTESTED

Negistrar

Negistrar

Jalandhar

PARAMOUNT

PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/18

Date: 21/June/2019

ORDER

To,
Pallavi Rattan,
Assistant Professor, Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: "The Impact of Quality Control on Customer Satisfaction in the Steel Industry" -Reg.

Dear Madam,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 233725/- (Rupees Two Lakh Thirty Three Thousand Seven Hundred TwentyFive Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 233725/- (Rupees Two Lakh Thirty Three Thousand Seven Hundred Twenty Five Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., "The Impact of Quality Control on Customer Satisfaction in the Steel Industry" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 10 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you,

Krigh Butal

Paramount Steels Limited

JAV University, Jalandhar

B-56, PHAS4E VII, FOCAL POINTLUDHIANA, NA, Punjab, India-148023



Bathinda Road, Near Railway Crossing, NH64, Distt Bathinda, Bathinda Rd, Rampura Phul, Punjab 151103

Ref. No. SL/2019/30

dt: 26:07:201919

Sanction Order

To, Pankaj Kumar Assistant Professor, Chemical Engineering DAV University Jalandhar, Punjab- 144012

Subject: Amount sanctioned to carry out the of project titled "Investigation of Corrosion Resistance in Alloyed Steel: Chemical Composition Effects"—Reg. Sir.

I am directed to convey the Administrative approval to carry out the above mentioned project at a total budget of Rs. 174595/- (Rupees One Lakh SeventyFour Thousand Five Hundred NinetyFive Only) to be released as Budget-in-Aid from STELCO LIMITED, Bathinda, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 174595/- (Rupees One Lakh SeventyFour Thousand Five Hundred NinetyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Investigation of Corrosion Resistance in Alloyed Steel: Chemical Composition Effects". The maximum duration of the project is not more than 10 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to STELCO LIMITED, Bathinda, Punjab.

STELĆO LIMITED

ATTESTED

AV University, Jalandhar



FORTUNE METALS LIMITED

Del. No. FML-2013-20-10

Dated: 18.07.19

SANCTION ORDER

To,
Parvinder Singh
Assistant Professor,
Mechanical Engineering,
DAV University,
Jalandhar.

Subject: Sanction order for project titled "Wear and Tear Analysis of Tractor Engine Components: -

Improving Durability and Maintenance Intervals"-Reg.

Sir.

We are glad to inform and congratulate you on the sanction of project entitled "Wear and Tear Analysis of Tractor Engine Components: Improving Durability and Maintenance Intervals".

I am hereby conveying the Administrative approval for the conduction of the above-mentioned project at a total budgetary outlay of Rs. 197015/- (Rupees One Lakh NinetySeven Thousand Fifteen Only) to be released from Fortune Metals Limited in favour of DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Wear and Tear Analysis of Tractor Engine Components: Improving Durability and Maintenance Intervals". The maximum duration of the project is not more than 7months.

(Manager)

Authorized signatory

ATTESTED

DAV University, Jalandhar



Ref. No. AFL/2019-20/98

Dated: 27/09/2019

Order

To,
Pooja Sharma,
Assistant Professor, Computer Science and Applications,
DAV University,
Jalandhar.

Subject: Sanction of project amount for execution of "Software for website crawling tools, web analytics platforms SEO tools for comprehensive link analysis."-Reg.

Dear Madam,

With this communication, I wish to inform that The Arihant Fabrics, Punjab has conferred Rs. 215195/-(Rupees Two Lakh Fifteen Thousand One Hundred NinetyFive Only) as the budget-in-aid for the project entitled "Software for website crawling tools, web analytics platforms SEO tools for comprehensive link analysis.". The maximum duration of the project is not more than 3 months...

Accordingly, the grant will be released for DAV University, Jalandhar to complete the project successfully.

Kindly note that,

(a) Project shall be completed within the stipulated time

(b) Any unused portion of the grant money shall be deposited back to The Arihant Fabrics, Punjab.

(Managing Director) Authorized signatory

Registral

DAV University, Jalandhar

PARAMOUNT

PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/29

Date: 15/October/2019

ORDER

To,
Poorva,
Assistant Professor,
Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: "Lean Manufacturing Techniques in Steel Production" - Reg.

Dear Madam,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 187095/- (Rupees One Lakh Eighty Seven Thousand Ninety Five Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 187095/- (Rupees One Lakh Eighty Seven Thousand Ninety Five Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., "Lean Manufacturing Techniques in Steel Production" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 11 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you,

Krish Bahad

Paramount Steels Limited

nav University, Jalandhar



Ref. No. ATL/Funding/2020

Dated: 02-03-20

Sanction Order

To,
Prabhjot Kaur
Assistant Professor, Zoology
DAV University
Jalandhar

Subject: Sanction of project amount for "The Impact of Textile Chemicals on Terrestrial and Aquatic Wildlife"-Reg.

Dear Madam.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 169490/- (Rupees One Lakh Sixty Nine Thousand Four Hundred Ninety Only) as the budget- in-aid for the project entitled "The Impact of Textile Chemicals on Terrestrial and Aquatic Wildlife".

The same will be released to DAV University, Jalandhar for the successful completion of the project.

Please adhere to the following regarding the project:

- Project should be executed within the agreed time period.
- ii) Unused portion of the grant shall be credited back to AVANI Pvt. ltd

Managing Director AVANI Pvt. ltd

Rural Focal Point, Bhindran, Punjab 148001

AV University, Jalandhar



PARAMOUNT STEELS LIMITED

SO.NO/PSL/2019-20/11

Date: 26/May/2019

ORDER

To,
Pranjal Pachpore,
Assistant Professor,
Commerce Business Management and Economics,
DAV University,
Jalandhar.

Subject: "Failure Analysis in Steel Products" - Reg.

Dear Sir,

As directions received from administrative authority, we are conveying the project approval with sanctioned amount of Rs. 186810/- (Rupees One Lakh Eighty Six Thousand Eight Hundred Ten Only) for implementation of above said project to be issued as a Paramount Steels Limited Budget in Aid. A total amount of Rs. 186810/- (Rupees One Lakh Eighty Six Thousand Eight Hundred Ten Only) of Budget issued to the DAV University, Jalandhar, Punjab. for the implementation of the above listed project, i.e., " Failure Analysis in Steel Products" was approved by the Finance Department, Paramount Steels Limited. The duration of the project shall not be more than 7 months. It should be notified the grant amount shall be spent for the project within the specified time and if any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to Paramount Steels Limited.

Thanking you,

Paramount Steels Limited





Sangrur Barnala Road. Village Badbar Distt. Barnala- 148106

Ref: AFPL/19-20/39

22-12-2019

Sanction Order

To,

Preeti Assistant Professor, English DAV University Jalandhar – 144012

Subject: Project entitled "Impact of Digital Platforms on Agricultural Market Access" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that ANEJA FOODS confers an amount of Rs. 225735/-(Rupees Two Lakh TwentyFive Thousand Seven Hundred ThirtyFive Only) for the execution of project entitled "Impact of Digital Platforms on Agricultural Market Access",

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to ANEJA FOODS PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

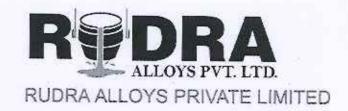
HR Manager,

ANEJA FOODS PRIVATE Pvt. Ltd.

ATTESTED

Registral

DAV University, Jalandhar



Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Ref: RAPVT/2019-20/26

Date: 6/16/2019

SANCTION ORDER

To,
Puneet Sharma,
Assistant Professor'
Commerce Business Management and Economics
DAV University,

Sub: Amount sanctioned to implementation of project entitled "The Role of Mergers and Acquisitions in Steel Sector Growth" - Reg.

Dear Sir/Madam,

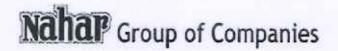
Based on the proposal submitted by Puneet Sharma, I am pleased to convey the administrative approval for a grant of Rs. 152505/- (Rupees One Lakh FiftyTwo Thousand Five Hundred Five Only) to implement project titled "The Role of Mergers and Acquisitions in Steel Sector Growth".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

Regards, RUDRA ALLOYS Pvt. Ltd.

DAY University, Jalandhar



"Nahar Tower" Industrial Area - A Ludhiana - 141 003 (INDIA)

Ref: NIEL/2019-20/65

Date: 14/03/20

SANCTION ORDER

To,

Rahul Hans, Assistant Professor, Computer Science and Engineering, DAV University, Punjab.

Sub: Sanction of project amount for "Data-Driven Customer Relationship Management Systems for Targeted Marketing Campaigns" - Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs.204505/- (Rupees Two Lakh Four Thousand Five Hundred Five Only) as the budget-in-aid for the project entitled "Data-Driven Customer Relationship Management Systems for Targeted Marketing Campaigns".

As per the decision, an amount of Rs.204505/- (Rupees Two Lakh Four Thousand Five Hundred Five Only) will be released as the budget-in-aid to DAV University, Jalandhar, Punjab, INDIA, for the execution of the project.

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back.

Branch Manager

NAHAR INDUSTRIAL ENTERPRISES LIMITED

Wilsolen

DAV University, Jalandhar



Ref. No. HIL/2019-20/19

Dated: 09/11/2019

SANCTION ORDER

To, Rahul Mehta Assistant Professor, Microbiology DAV University, Jalandhar.

Subject: Funding approval for the implementation of project titled "Examining the Efficacy of Bacteriocins in Food Preservation"—Reg.

Dear Sir/Madam.

I am directed to convey the sanction to a sum Rs. 246670/-(2019-20) only in favour of Rahul Mehta, DAV University to meet recurring expenditure to implement a project titled "Examining the Efficacy of Bacteriocins in Food Preservation". The implementing agency is requested to utilize this amount within the project timeline period and as per terms of the above mentioned agreement. The duration of the project shall not be exceeded by more than 6 Months.

HEALTHCAPS INDIA pvt ltd. monitor and coordinates the project either directly. Payments will be made based on the performance and as per approved Project Perspective Work Schedule, terms and conditions. The grant amount shall be spent for the project within the specified time. Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to HEALTHCAPS INDIA pvt ltd.

Manager

Healthcaps India Pvt. Ltd.

AV University, Jalandher

Bestech Business Tower, A-607, 6th Floor, Mohali Bypass, Sector 66, Sahibzada Ajit Singh Nagar, Punjab 160062



PREET AGRO INDUSTRIES PRIVATE LIMITED

Ref: PAIPL/2019/51

Date: 17.October.2019

Sanction Order

To,
Rajnish sharma
Assistant Professor, Education,
DAV University,
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "The Future of Agribusiness: Trends and Predictions" – Reg:

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 211040/- (Rupees Two Lakh Eleven Thousand Fourty Only) for the execution of the project entitled "The Future of Agribusiness: Trends and Predictions".

As per the decision, an amount of Rs. 211040/- (Rupees Two Lakh Eleven Thousand Fourty Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project – "The Future of Agribusiness: Trends and Predictions". The maximum duration of the project is not more than 3 months.

Kindly note that the grant should be

i)Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to PREET AGRO INDUSTRIES PRIVATE LIMITED.

For PREET AGRO INDUSTRIES PRIVATE LIMITED.

Director

DAY University, Jalandhar

No. 28, Patiala Rd, Dashmesh Nagar, Utrathiya, Nabha, Zirakpur, Punjab 147201



Opp. HP Petrol Pump, Mudki Road, Bagha Purana, Punjab 142038

Ref: MIDAS/2019/66 2019 21-September-

Sanction Order

To,

Ram Avtar,
Assistant Professor, Agriculture Sciences,
DAV University,
Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Exploring the Use of Precision Agriculture for Reducing

Input Costs" - Reg.

On behalf of the administrative decision, I wish to inform that MIDAS AGROFOODS Pvt. Ltd. confers an amount of Rs. 192225/- (Rupees One Lakh NinetyTwo Thousand Two Hundred TwentyFive Only)for the execution of project entitled "Exploring the Use of Precision Agriculture for Reducing Input Costs".

In light to the aforementioned, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project. Note:

- (a) The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to MIDAS AGROFOODS Pvt. Ltd.
- (b) Tenure of the project will not be extended under any circumstances.

Authority Signatory

HR

MIDAS AGROFOODS PRIVATE Pvt. Ltd.

ATTESTED

DAV University, Jalandhar



PUNJAB BASMATI RICE LIMITED

C 104, Extension, Focal Point, Extension, Jalandhar, Punjab 144012

Sanction Order

Ref: PBRL/2019-20/07

Date: 22-10-2019

To, Randeep Kaur Kaila, Assistant Professor, English, DAV University Jalandhar – 144012

Subject: Project entitled "The Role of Sustainable Practices in Attracting Investment" - Reg. Dear

Sir/Madam,

In line with the administrative decision, I wish to inform that PBR Ltd. confers an amount of Rs. 233215/- (Rupees Two Lakh ThirtyThree Thousand Two Hundred Fifteen Only) for the execution of project entitled "The Role of Sustainable Practices in Attracting Investment".

For the same, the grant amount will be released for DAV University, Jalandhar for the successful completion of the project.

Note:

- The grant stands for the stipulated time period and any part of the grant left thereafter shall be surrendered back to PUNJAB BASMATI RICE LIMITED.
- 2. Tenure of the project will not be extended under any circumstances.

Sr. Manager (HR & Admin)

ATTESTED

DAV University, Jalandhar



Dated: 26.06.2019

Sanction Order

To, Ranjodh Singh Assistant Professor, Civil Engineering, DAV University, Jalandhar.

Subject: Amount sanctioned to execute project entitled "Smart Steel Structures: Integrating Sensors for Real-Time Monitoring and Maintenance"-Reg.

Sir,

I am directed to convey the administrative approval of Rs. 187785/- (Rupees One Lakh EightySeven Thousand Seven Hundred EightyFive Only) for implementing the project titled "Smart Steel Structures: Integrating Sensors for Real-Time Monitoring and Maintenance", to Ranjodh Singh of DAV University, Punjab., towards initiation and implementation of the above-mentioned project. The duration of the project is not more than 90 days.

Kindly note that the grant should be

- i. Spent for the execution of project within the defined time period,
- ii. Any part of the grant amount unused or not required shall be surrendered back.

From BCL INDUSTRIES Pvt. Ltd.,

Executive Manager

Hegistrar



JAIN AMAR CLOTHING PRIVATE LIMITED

Plot No - 64, Sector 44. Gurugram - 122 003

Ref: JACPT/25

22/09/2019

SANCTION ORDER

To, Rhythm Walia Assistant Professor, Psychology DAV University, Jalandhar, Punjab.

Sub: Sanction of project amount for " Study psychological barriers to adopting new textile technologies (e.g., smart textiles). " - Reg.

Dear Sir/Madam,

I am conveying the Administrative approval to the total amount under the delegation of financial power rules to release an amount of Rs. 189960/· (Rupees One Lakh EightyNine Thousand Nine Hundred Sixty Only) of Budget to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the project i.e. "Study psychological barriers to adopting new textile technologies (e.g., smart textiles). ". The maximum duration of the project is 90 days.

Note: The grant amount shall be spent for the project within the specified time.

Manager

Allyw P-14
JAIN AMAR CLOTHING PRIVATE LIMITED

ATTESTED



Ref. No. HIL/2019-20/16

Dated: 07.June.2019

Sanction Order

To Ridhi Kapoor. Assistant Professor, Computer Science and Engineering, DAV University. Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Quantifying quality of WEB sites based on content"-Reg.

Dear Madam.

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "Quantifying quality of WEB sites based on content". After contacting with your Organization as well as our own source of references, we were extremely impressed with the solid reputation of the Organization. Our research about your firm and its background compelled us to sign this deal with you, as the results were satisfactory. I have attached all the terms and conditions in a formal document. If we both are in sync with contract terms, then we would like to start utilizing your services immediately.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 176145/- (Rupees One Lakh SeventySix Thousand One Hundred FourtyFive Only) to be released as Budget-in-Aid from Highway Industries Pvt.Ltd.

I am available to take calls or emails, to work out the final details of the contract. We look forward for your dedicated and efficient work. We are confident that we have made the right choice because not only our research proves that but also the presentation, the members of your organization gave, make us proud to be associated with you. We anticipate a long and productive relationship between the two organizations. Duration of the project should be completed within the 4 Months.

M.Routh Singh

(Managing Director)



Jodan Road, Village Daulatpur, Rasulpur, Punjab 147001.

Ref. No. GSA/2019-20/22

Date: 10/7/2019

Sanction Order

To,

Rohin Kaushik, Assistant Professor, Civil Engineering, DAV University, Jalandhar.

Subject: Amount sanctioned to implementation of project titled "The Role of Building Information Modeling (BIM) in Enhancing Project Coordination and Efficiency"-Reg. Sir,

I am directed to convey the Administrative approval for the implementation of the abovementioned project at a total budgetary outlay of Rs, 180270/- (Rupees One Lakh Eighty Thousand Two Hundred Seventy Only) to be released as Budget-in-Aid from GSA INDUSTRIES, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs.180270/-(Rupees One Lakh Eighty Thousand Two Hundred Seventy Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "The Role of Building Information Modeling (BIM) in Enhancing Project Coordination and Efficiency". The maximum duration of the project is not more than 5Months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to GSA INDUSTRIES, Jalandhar.

Managing Director

ATTESTED



RAIPUR POWER AND STEEL LIMITED

Ref. No. RP/2019-20/17

Date: 17.11.19

Order of Proceeding

To,
Rohit Chauhan,
Assistant Professor, Physical Education,
DAV University,
Jalandhar.

Dear Sir/ Madam

Subject: Project amount sanction for "The Use of Steel in Fitness Equipment: Impact on Durability and Performance in Physical Education" - Reg.

I am conveying the Administrative approval of total amount under the delegation of financial power rules to release an amount of Rs. 213515 /- (Rupees Two Lakh Thirteen Thousand Five Hundred Fifteen Only) of budget to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the project "The Use of Steel in Fitness Equipment: Impact on Durability and Performance in Physical Education", The maximum duration of the project is 90 days.

Note: The grant amount shall be spent for the project within the specified time.

RAIPUR POWER AND STEEL LIMITED
Manager Product Developments

ATTESTED



PREET AGRO INDUSTRIES PRIVATE LIMITED

Ref: PAIPL/2019/39

Date: 04.May.2019

Sanction Order

To, Sandeep Kumar Assistant Professor, Education, DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Developing Business Models for Sustainable Fisheries Management" – Reg:

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 198470/- (Rupees One Lakh NinetyEight Thousand Four Hundred Seventy Only) for the execution of the project entitled "Developing Business Models for Sustainable Fisheries Management".

As per the decision, an amount of Rs. 198470/- (Rupees One Lakh NinetyEight Thousand Four Hundred Seventy Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project – "Developing Business Models for Sustainable Fisheries Management". The maximum duration of the project is not more than 11 months.

Kindly note that the grant should be

i)Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to PREET AGRO INDUSTRIES PRIVATE LIMITED.

For PREET AGRO INDUSTRIES PRIVATE LIMITED.

ATTESTED

DAV University, Jalandhar

No. 28, Patiala Rd, Dashmesh Nagar, Utrathiya, Nabha, Zirakpur, Punjab 147201



JAIN AMAR CLOTHING PRIVATE LIMITED

Plot No - 64, Sector 44. Gurugram - 122 003

Ref: JACPT/27

28/06/2019

SANCTION ORDER

To,
Sangeeta Monga
Assistant Professor, Electronics and Communication
Engineering
DAV University,
Jalandhar,
Punjab.

Sub: Sanction of project amount for " Design of Textile-Based Antennas for Wearable Communication Systems " - Reg.

Dear Sir/Madam,

I am conveying the Administrative approval to the total amount under the delegation of financial power rules to release an amount of Rs. 243715/- (Rupees Two Lakh FourtyThree Thousand Seven Hundred Fifteen Only) of Budget to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the project i.e. "Design of Textile-Based Antennas for Wearable Communication Systems". The maximum duration of the project is 90 days.

Note: The grant amount shall be spent for the project within the specified time.

Manager

JAIN AMAR CLOTHING PRIVATE LIMITED

ATTESTED



Ref. No/SIC/2019-20/36

Date: 07-07-19

SANCTION ORDER

To Sanjeev Kumar Dhiman, Assistant Professor, 205235, DAV University, Jalandhar.

Subject: Sanction order for the implementation of project titled "Implementing IoT (Internet of Things) and sensor-based technologies for smart building systems" - Reg.

Dear Sir.

Based on the proposal submitted by Sanjeev Kumar Dhiman, I am pleased to convey the administrative approval for a grant of Rs.205235/- (Rupees Two Lakh Five Thousand Two Hundred ThirtyFive Only) to implement project titled "Implementing IoT (Internet of Things) and sensor-based technologies for smart building systems".

I am pleased to release Rs.205235/- (Rupees Two Lakh Five Thousand Two Hundred ThirtyFive Only) immediately towards the grant for the year 2019-20. This sanction is further subject to terms and conditions for research projects, which may be gone through carefully.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator will monitor and coordinate the project directly.

> Executive Manager SHARU INDUSTRIES Pvt. Ltd.

80-A, Industrial Area- A, Ludhiana, Punjab 141003



FORTUNE METALS LIMITED

Ref. No. FML-2019-20-18

Dated: 11.09.19

SANCTION ORDER

To, Satish Singh Pundir Assistant Professor, Civil Engineering, DAV University, Jalandhar,

Subject: Sanction order for project titled "Assessing the Environmental Impacts of Construction

Activities: Sustainable Practices and Regulations"-Reg.

Sir,

We are glad to inform and congratulate you on the sanction of project entitled "Assessing the Environmental Impacts of Construction Activities: Sustainable Practices and Regulations".

I am hereby conveying the Administrative approval for the conduction of the above-mentioned project at a total budgetary outlay of Rs. 240500/- (Rupees Two Lakh Fourty Thousand Five Hundred Only) to be released from Fortune Metals Limited in favour of DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Assessing the Environmental Impacts of Construction Activities: Sustainable Practices and Regulations", The maximum duration of the project is not more than 8months.

(Manager)

Authorized signatory

ATTESTED

DAV University, Jalandhar

Fatehgarh Sahib, Punjab 147301

Uenus Garments (India) Limited

A 2 Star Export House

G.T. Road (West), , Ludhiana, Punjab, India - 141008

Doc No: VGL/2019-20/18

Dt: 04.December.19

SANCTION ORDER

From

Venus Garments

Punjab State,

To,

Saveena Bogtapa DAV University

Sub: Sanction of project amount for "Exploring the Potential of Protein-Based Fibers from Animal Sources in Textiles"- Reg.

Dear Sir/Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 199695/- as the budget-in-aid for the project entitled "Exploring the Potential of Protein-Based Fibers from Animal Sources in Textiles".

As per the decision, an amount of Rs. 199695/- will be released as the budget-in-aid to DAV University, Punjab State INDIA, for the execution of the project

Kindly note that the grant should be

- i) Spent for the execution of project within the defined time period,
- ii) Any part of the grant amount unused or not required shall be surrendered back.

ALLESTED

Venus Garments



Budhewal, Chandigarh Road, Ludhiana - 141112 (Punjab)

Ref-VSBL/08

Date:01.October.2019

ORDER

To Seema Sharma, Assistant Professor, Electrical Engineering, DAV University Punjab.

Subject: Sanction order for the implementation of project titled "Design of Advanced Harmonic Filters for Power Systems in Steel Mills"- Reg.

Dear Madam,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.191005/- (Rupees One Lakh NinetyOne Thousand Five Only) for the execution of the project entitled "Design of Advanced Harmonic Filters for Power Systems in Steel Mills"

As per the decision, an amount of Rs.191005/- (Rupees One Lakh NinetyOne Thousand Five Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director

ATTESTED



PREET AGRO INDUSTRIES PRIVATE LIMITED

Ref: PAIPL/2020/26

Date: 17.February.2020

Sanction Order

To,
Shefali Ravash
Assistant Professor, Education,
DAV University,
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Consumer Willingness to Pay for Eco-Friendly Agricultural Products" – Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 211680/- (Rupees Two Lakh Eleven Thousand Six Hundred Eighty Only) for the execution of the project entitled "Consumer Willingness to Pay for Eco-Friendly Agricultural Products".

As per the decision, an amount of Rs. 211680/- (Rupees Two Lakh Eleven Thousand Six Hundred Eighty Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project – "Consumer Willingness to Pay for Eco-Friendly Agricultural Products". The maximum duration of the project is not more than 8 months.

Kindly note that the grant should be

i)Spent for the execution of project within the defined time period,

ii)Any part of the grant amount unused or not required shall be surrendered back to PREET AGRO INDUSTRIES PRIVATE LIMITED.

For PREET AGRO INDUSTRIES PRIVATE LIMITED.

Director

DAV University, Jalandhar

No. 28, Patiala Rd, Dashmesh Nagar, Utrathiya, Nabha, Zirakpur, Punjab 147201



FORTUNE METALIKS LIMITED

M82F+9WC, Fatehgarh Sahib, Punjab 147301

Ref. No. FML/PRF/2019/18

Dated: 27-04-2019

Sanction Order

To,
Ms. Shifali Katoch,
Assistant Professor,
Computer Science and Engineering,
DAV University,
Jalandhar,

Subject: Sanction Order against Project Entitled "Security Challenges and Solutions in Internet of Things (IoT) Networks"—Reg.

Sir,

I am directed to convey the Administrative approval for the implementation of the above- mentioned project at a total budgetary outlay of Rs. 1,76,700/- (Rupees One Lakh Seventy Six Thousand Seven Hundred Only) to be released as Budget-in-Aid from FORTUNE METALIKS LIMITED, Punjab.

I am now redirected to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 1,76,700/- (Rupees One Lakh Seventy Six Thousand Seven Hundred Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Security Challenges and Solutions in Internet of Things (IoT) Networks". The maximum duration of the project is not more than 4 months.

Note: The grant amount shall be i) spent for the project within the specified time; ii) Any portion of the grant, which is not ultimately required for expenditure for the approved purposes, shall be duly surrendered to FORTUNE METALIKS LIMITED, Punjab.

(R & D D rector)

Authorized Signatory

ATTESTED



IOL Chemicals And Pharmaceuticals Limited

IOL/2019-20/19

Date: 13.04.2019

ORDER

To Shivali Puri DAV University, Jalandhar, Punjab.

Subject: Sanction order for the implementation of project titled "Assessing the Bioavailability of Herbal Extracts in Traditional Medicine Formulations"- Reg.

Dear Madam,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs. 197525/for the execution of the project entitled " Stock Market Forecasting: An Impact study". As per the
decision, an amount of Rs. 197525/- (Rupees One Lakh NinetySeven Thousand Five Hundred
TwentyFive Only) will be released as the budget-in-aid DAV University, Punjab State INDIA for the
execution of the project.

Managing Director

Registrar
DAV University, Jalandhar



PREET AGRO INDUSTRIES PRIVATE LIMITED

Ref: PAIPL/2019/67

Date: 06.December.2019

Sanction Order

To, Shruti Badhwar Assistant Professor, Education, DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "The Role of Technology in Enhancing Agricultural Productivity" – Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 180670/- (Rupees One Lakh Eighty Thousand Six Hundred Seventy Only) for the execution of the project entitled "The Role of Technology in Enhancing Agricultural Productivity".

As per the decision, an amount of Rs. 180670/- (Rupees One Lakh Eighty Thousand Six Hundred Seventy Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project – "The Role of Technology in Enhancing Agricultural Productivity". The maximum duration of the project is not more than 7 months.

Kindly note that the grant should be

i)Spent for the execution of project within the defined time period,

 ii)Any part of the grant amount unused or not required shall be surrendered back to PREET AGRO INDUSTRIES PRIVATE LIMITED.

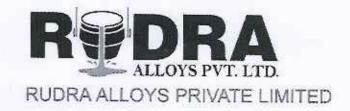
For PREET AGRO INDUSTRIES PRIVATE LIMITED.

Director

ATTESTED

Registrar PAV University, Jalandhar

No. 28, Patiala Rd, Dashmesh Nagar, Utrathiya, Nabha, Zirakpur, Punjab 147201



Village Ambey Majra. G.T.Road, Mandi Gobindhgarh, Punjab

Ref: RAPVT/2019-20/42

Date: 12/23/2019

SANCTION ORDER

To,
Sidhartha Sharma,
Assistant Professor'
Commerce Business Management and Economics
DAV University,

Sub: Amount sanctioned to implementation of project entitled "Regional Analysis of Steel Demand and Supply" - Reg.

Dear Sir/Madam,

Based on the proposal submitted by Sidhartha Sharma, I am pleased to convey the administrative approval for a grant of Rs. 230570/- (Rupees Two Lakh Thirty Thousand Five Hundred Seventy Only) to implement project titled "Regional Analysis of Steel Demand and Supply".

This sanction is further subject to terms and conditions for research projects, which may be gone through carefully. The duration of the project shall not exceed by 90 days.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator.

Regards, RUDRA ALLOYS Pvt. Ltd.

ATTESTED

Registral

DAY University, Jalandhar