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Website

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 2022-23: 126

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. A. Harshavardhan Reddy	Optimizing Soil Fertility through Precision Agriculture Techniques	SHAKTI APIFOODS PRIVATE LIMITED	8	2022-23	281400	<u>1</u>
2	Dr. Abhay Punia	Investigating the Efficacy of Novel Drug Carriers for Targeted Cancer Therapy	SUN INDCHEMICALS PRIVATE LIMITED	4	2022-23	356735	<u>2</u>
3	Dr. Ahmad Husain	Synthesis and Characterization of Biodegradable Starch- Based Polymers	THE SUKHJIT STARCH AND CHEMICALS LIMITED	6	2022-23	469480	<u>3</u>
4	Dr. Akshay Kumar	Investigation of Starch as a Renewable Resource for Biofuels	THE SUKHJIT STARCH AND CHEMICALS LIMITED	5	2022-23	457085	4
5	Dr. Amandeep	Evaluating the Cytotoxicity of Novel Chemotherapeutic Agents in Cell Cultures	SUN INDCHEMICALS PRIVATE LIMITED	10	2022-23	361690	<u>5</u>
6	Dr. Anju Bala	Competitive Analysis of Major Steel Producers Worldwide	KAPSONS INDUSTRIES PRIVATE LIMITED	11	2022-23	372775	<u>6</u>
7	Dr. Anju Pathania	Developing Drought- Resistant Crop Varieties Using Genetic Engineering	SHAKTI APIFOODS PRIVATE LIMITED	10	2022-23	430150	<u>7</u>

8	Dr. Ankush Gupta	Optimization of Enzymatic Processes for Starch Hydrolysis	THE SUKHJIT STARCH AND CHEMICALS LIMITED	9	2022-23	304030	<u>8</u>
9	Dr. Arun Singh Pathania	Biotechnology-Driven Advances in CRISPR/Cas9 Gene Editing for Agricultural Improvement	S S FOOD INDUSTRIES	7	2022-23	291220	<u>9</u>
10	Dr. Arvind Mahindru	Advise on designing smaller, more portable devices with improved electronic components for convenient and onthe-go blood pressure monitoring.	FMI LIMITED, Ludhiana, Punjab	10	2022-23	368390	<u>10</u>
11	Dr. Ashish Sharma	Developing High-Yield, Drought-Resistant Crop Varieties Using Advanced Breeding Techniques	THAPAR AGRO MILLS LIMITED	8	2022-23	315035	<u>11</u>
12	Dr. Ashutosh Gupta	Pricing Strategies in the Steel Industry: A Comparative Study	KAPSONS INDUSTRIES PRIVATE LIMITED	10	2022-23	492350	<u>12</u>
13	Dr. Ashutosh Sharma	Multiresponse optimization of agriculture residues using of experiments	SHAKTI APIFOODS PRIVATE LIMITED	7	2022-23	491050	<u>13</u>
14	Dr. Balpreet Kaur	Market Entry Strategies for New Steel Firms	KAPSONS INDUSTRIES PRIVATE LIMITED	3	2022-23	368040	<u>14</u>
15	Dr. Bandna Bharti	Development of Starch-Based Nanocomposites for Packaging Applications	PERFECT AGRO INDUSTRIES	9	2022-23	347445	<u>15</u>
16	Dr. Chetan Vasudeva	Predictive Maintenance Using IoT and Machine Learning in Steel Manufacturing Plants	VITAL STEEL BARS LLP	9	2022-23	349405	<u>16</u>

17	Dr. Daljit Kaur	Steel Manufacturing Innovations and Their Role in Modern Sports Facility Design for Physical Education	NAHAR INDUSTRIAL ENTERPRISES LIMITED	8	2022-23	342940	<u>17</u>
18	Dr. Farooq Ahmad Aga	Assessment of Sustainable Water Management Practices for Irrigation	SHAKTI APIFOODS PRIVATE LIMITED	7	2022-23	396600	<u>18</u>
19	Dr. Gagandeep	Supply Chain Optimization in the Steel Industry	KAPSONS INDUSTRIES PRIVATE LIMITED	10	2022-23	329925	<u>19</u>
20	Dr. Garima Baluja	The Role of Logistics in Steel Distribution	HIGHWAY INDUSTRIES LIMITED	11	2022-23	344975	<u>20</u>
21	Dr. Girish Taneja	Sustainable Practices in Steel Supply Chain Management	HIGHWAY INDUSTRIES LIMITED	11	2022-23	336030	<u>21</u>
22	Dr. Gitika Nagrath	Just-in-Time Inventory Management in Steel Production	HIGHWAY INDUSTRIES LIMITED	6	2022-23	281430	<u>22</u>
23	Dr. Gursharan Singh	Utilizing Drone Technology for Precision Pest Management	SHAKTI APIFOODS PRIVATE LIMITED	5	2022-23	347030	<u>23</u>
24	Dr. H L Sharma	Evaluating the Efficiency of Vertical Farming Systems in Urban Areas	SHAKTI APIFOODS PRIVATE LIMITED	7	2022-23	370390	<u>24</u>
25	Dr. Harish Kumar Garg	Design and Development of Electric Tractors: A Sustainable Alternative in Agriculture	HIGHWAY INDUSTRIES LIMITED	9	2022-23	373790	<u>25</u>
26	Dr. Harish Sharma	Role of Beneficial Microbes in Enhancing Soil Fertility	KISSAN FATS LIMITED	11	2022-23	354265	<u>26</u>
27	Dr. Harminder Singh	Exploring the Role of Starch in Drug Delivery Systems	S S FOOD INDUSTRIES	5	2022-23	320515	<u>27</u>

28	Dr. Harpreet Walia	Exploring the Use of Phytoremediation for Soil Decontamination in Mining Areas	THAPAR AGRO MILLS LIMITED	10	2022-23	482390	<u>28</u>
29	Dr. Hiteshwari Sabrol	Wireless Sensor Networks for Environmental Monitoring in Packaging Facilities	KSM SPINNING MILLS LIMITED	11	2022-23	491365	<u>29</u>
30	Dr. Inder Mohan Sharma	Comparative Analysis of Traditional vs. Modern Farming Practices	KISSAN FATS LIMITED	3	2022-23	279200	<u>30</u>
31	Dr. Jagmohan Sharma	Impact of Agricultural Practices on Pollinator Health and Biodiversity	KISSAN FATS LIMITED	6	2022-23	434590	<u>31</u>
32	Dr. Jasbir Rishi	Next-Generation Structural Health Monitoring: IoT and Al Solutions for Building Safety	VARDHMAN CHEMTECH LIMITED	8	2022-23	379140	<u>32</u>
33	Dr. Kailash Nath Kaul	Investigating the Impact of pH on Starch Gelatinization and Properties	S S FOOD INDUSTRIES	4	2022-23	447715	33
34	Dr. Kamaljeet Kaur	The Impact of Globalization on Local Agricultural Practices	MEGASTAR FOODS LIMITED	3	2022-23	498010	<u>34</u>
35	Dr. Karanjeet Singh Thind	Innovations in Soil Erosion Control Methods	KISSAN FATS LIMITED	5	2022-23	466180	<u>35</u>
36	Dr. Keshav Walia	Developing Simulation Frameworks for Solar Energy Harvesting Systems	BCL INDUSTRIES LIMITED	10	2022-23	312400	<u>36</u>
37	Dr. Kulnaz Kaur	The Role of AI in Predicting Steel Market Trends	ARJAS MODERN STEEL PRIVATE LIMITED	11	2022-23	305660	<u>37</u>

38	Dr. Lakhmir Singh	Development of Biodegradable Polymers from Microbial Sources: Applications in Sustainable Packaging	SHIVA PROTEIN PRODUCTS PRIVATE LIMITED	3	2022-23	389505	<u>38</u>
39	Dr. Mahinder Singh Pathania	Smart Farming Solutions for Integrating IoT and Agriculture	KISSAN FATS LIMITED	4	2022-23	468740	<u>39</u>
40	Dr. Mamta Rani	Solar-powered Lighting Solutions for Rural Communities	H M STEELS LIMITED	6	2022-23	221575	<u>40</u>
41	Dr. Manik Sharma	Develop Software for providing Smart Solutions in Modern Construction Services	MAHAVIR SPINNING MILLS PRIVATE LIMITED	3	2022-23	419825	<u>41</u>
42	Dr. Manju Deorari	The Role of Compression Garments in Enhancing Recovery and Performance in Sports	KWALITY PHARMACEUTICALS LIMITED	4	2022-23	329360	<u>42</u>
43	Dr. Mohinder Pal Garg	Exploring Engine Efficiency in Tractors: A Comparative Study of Diesel vs. Electric Power	KANGARO INDUSTRIES LIMITED	10	2022-23	256955	<u>43</u>
44	Dr. Mukhtiar Singh	Analysis of Employee Grievance Resolution in Contemporary Work Environments	ARIHANT FABRICS LIMITED	9	2022-23	470630	<u>44</u>
45	Dr. N. Vanasundaram	Analyzing Quantum Cryptography Protocols Using Computer Simulations	BHAWANI INDUSTRIES PRIVATE LIMITED	8	2022-23	413095	<u>45</u>
46	Dr. Namrita Kalia	Waste Management Practices in Steel Manufacturing	VITAL STEEL BARS LLP	3	2022-23	307585	<u>46</u>
47	Dr. Naveen Bilandi	ML-Based Treatment Recommendation System for Complex Conditions	T.C. SPINNERS PRIVATE LIMITED	8	2022-23	405660	<u>47</u>

48	Dr. Nisha Devi	The Use of Starch as a Natural Thickening Agent in Food Chemistry	S S FOOD INDUSTRIES	11	2022-23	327225	<u>48</u>
49	Dr. Nishi Sondhi	Biotechnological Approaches for Enhancing the Nutritional Quality of Staple Crops	THAPAR AGRO MILLS LIMITED	6	2022-23	206695	<u>49</u>
50	Dr. Pardeep Kumar Dogra	Effects of Genetically Modified Crops on Ecosystem Health	INDIAN SUCROSE LIMITED	11	2022-23	287645	<u>50</u>
51	Dr. Praveen Guleria	Engineering Bacteria for Bioremediation: Enhancing the Degradation of Environmental Pollutants	SHIVA PROTEIN PRODUCTS PRIVATE LIMITED	4	2022-23	268000	<u>51</u>
52	Dr. Praveen Kumar	Embedded Systems for Monitoring Physical Phenomena in Remote Locations	GRIPWELL TOOL INDUSTRIES	4	2022-23	334080	<u>52</u>
53	Dr. Puja Rattan	Development of Smart Irrigation Systems Using IoT Technology	INDIAN SUCROSE LIMITED	4	2022-23	403200	<u>53</u>
54	Dr. Rahul Hans	IoT-enabled Smart Bioreactors for Remote Monitoring and Control of Bioprocesses	BCL INDUSTRIES LIMITED	9	2022-23	254030	<u>54</u>
55	Dr. Rahul Kumar	Evaluation of Cover Crops for Enhancing Soil Structure and Health	INDIAN SUCROSE LIMITED	8	2022-23	318795	<u>55</u>
56	Dr. Raj Bala	Optimizing Plant- Based Biofuel Production Through Genetic Engineering of Energy Crops	THAPAR AGRO MILLS LIMITED	3	2022-23	474795	<u>56</u>
57	Dr. Raj Kumar	Mathematical Models for Predictive Maintenance in Manufacturing	GRIPWELL TOOL INDUSTRIES	11	2022-23	244505	<u>57</u>

Jalandhar-Pathankot National Highway (NH 44), Sarmastpur - 144 012, Jalandhar, Punjab, INDIA

58	Dr. Raj Kumar Seth	3D Printing of Complex Structures: Physics-Driven Design Algorithms	PIONEER INDUSTRIES PRIVATE LIMITED	3	2022-23	343020	<u>58</u>
59	Dr. Rajdeep Kaur	Online Computer spare parts Service provider to the needy customers	PIONEER INDUSTRIES PRIVATE LIMITED	8	2022-23	220000	<u>59</u>
60	Dr. Rajesh Joshi	Applications of Graph Theory in Network Optimization	PIONEER INDUSTRIES PRIVATE LIMITED	9	2022-23	250000	<u>60</u>
61	Dr. Rajinder Singh Rekhi	Influence of Agroecological Practices on Crop Diversity	INDIAN SUCROSE LIMITED	5	2022-23	423565	<u>61</u>
62	Dr. Rajindra Prasad	Assessing the Benefits of Conservation Tillage on Soil Carbon Sequestration	INDIAN SUCROSE LIMITED	11	2022-23	366435	<u>62</u>
63	Dr. Rama Gupta	Using Genetic Algorithms to Optimize Physical System Configurations	ARISUDANA INDUSTRIES LIMITED	10	2022-23	290000	<u>63</u>
64	Abhishree Pathania	Assessing the Economic Impact of Sustainable Agriculture Practices	INDIAN SUCROSE LIMITED	11	2022-23	363225	<u>64</u>
65	Ajay Kumar Khullar	The Global Steel Market: Trends and Future Outlook	KAPSONS INDUSTRIES PRIVATE LIMITED	4	2022-23	461000	<u>65</u>
66	Akanksha Nautiyal	Consumer Trends in Plant-Based Food Products	KARTAR AGRO INDUSTRIES PRIVATE LIMITED	9	2022-23	335000	<u>66</u>
67	Akansha Mehta	Mathematical Optimization Techniques in Supply Chain Management	NAHAR INDUSTRIAL ENTERPRISES LIMITED	7	2022-23	421395	<u>67</u>
68	Alka Soharu	Impact of Climate Change on Crop Yield in Arid Regions	SHAKTI APIFOODS PRIVATE LIMITED	3	2022-23	428620	<u>68</u>

69	Amandeep Brar	Bioremediation of Heavy Metal Contaminated Soil Using Native Microbial Strains	MANKU AGROTECH PRIVATE LIMITED	11	2022-23	279965	<u>69</u>
70	Amita Dhawan	Challenges and Opportunities for Agribusiness in the Global Market	KARTAR AGRO INDUSTRIES PRIVATE LIMITED	8	2022-23	322805	<u>70</u>
71	Anil Kumar	Labor Laws and Their Impact on Steel Manufacturing	BASSI ALLOYS PRIVATE LIMITED	8	2022-23	285620	<u>71</u>
72	Anita Devgan	Stochastic Modeling for Risk Management in Financial Markets	BCL INDUSTRIES LIMITED	8	2022-23	467810	<u>72</u>
73	Anmol Bajaj	Numerical Simulation of Fluid Dynamics in Oil and Gas Pipelines	H M STEELS LIMITED	8	2022-23	431680	<u>73</u>
74	Anuradha Chaudhary	The Impact of High- Performance Fabrics on Athletic Performance in Physical Education	KUDU FABRICS	8	2022-23	359030	<u>74</u>
75	Arun Kochar	Game Theory Applications in Competitive Market Strategy	BHAWANI INDUSTRIES PRIVATE LIMITED	7	2022-23	368820	<u>75</u>
76	Arvind Trivedi	Navigating Compliance Issues in the Steel Industry	ARJAS MODERN STEEL PRIVATE LIMITED	4	2022-23	297385	<u>76</u>
77	Ashutosh Bhadoria	Energy Optimization in Electric Arc Furnaces (EAF) for Steel Production	GSA INDUSTRIES	6	2022-23	448545	<u>77</u>
78	B P S Bedi	The Impact of COVID- 19 on Agricultural Supply Chains	KARTAR AGRO INDUSTRIES PRIVATE LIMITED	3	2022-23	396245	<u>78</u>
79	Babita	Recommending data management systems and tools to efficiently handle and secure the company's electronic data	KUDU FABRICS	7	2022-23	335175	<u>79</u>

80	Bindia	The Impact of Trade Policies on the Steel Market	KAPSONS INDUSTRIES PRIVATE LIMITED	6	2022-23	326260	<u>80</u>
81	Bindu Bansal	Heart attack prediction using comprehensible artificial intelligence	VARDHMAN TEXTILES LIMITED	11	2022-23	349150	<u>81</u>
82	Chander Pal Singh	Innovative Smart Textiles in Physical Education: A Study on Wearable Technology	VARDHMAN TEXTILES LIMITED	4	2022-23	408555	<u>82</u>
83	Digvijay Singh	Financial Performance Analysis of Agribusiness Startups	KARTAR AGRO INDUSTRIES PRIVATE LIMITED	6	2022-23	414955	<u>83</u>
84	Dildar Singh	Corporate Social Responsibility in the Agriculture Sector	KARTAR AGRO INDUSTRIES PRIVATE LIMITED	3	2022-23	358390	<u>84</u>
85	Dixa Tanotra	Assessment of Air Quality and Emission Reduction Strategies for Industrial Zones	SHAKTI APIFOODS PRIVATE LIMITED	11	2022-23	342705	<u>85</u>
86	Ekta	Chemical Modification of Starch for Enhanced Water Resistance	PERFECT AGRO INDUSTRIES	10	2022-23	356010	<u>86</u>
87	Gulshan Kumar	Predictive Breast Cancer Diagnosis: Harnessing Al-Based Algorithms with Oncologists, Endocrine Surgeons, and General Surgeons	SEL TEXTILES LIMITED	4	2022-23	438170	<u>87</u>
88	Gurdeep singh	Optimization of Tractor Engine Performance Using Hybrid Powertrain Systems	KAPSONS INDUSTRIES PRIVATE LIMITED	6	2022-23	280380	<u>88</u>
89	Gurpreet Kaur	Effects of Organic Farming on Soil Health and Crop Productivity	SHAKTI APIFOODS PRIVATE LIMITED	3	2022-23	320560	<u>89</u>
90	Harsahejpreet Kaur	The Impact of Global Supply Chain Disruptions on Steel Companies	HIGHWAY INDUSTRIES LIMITED	11	2022-23	377115	<u>90</u>

Jalandhar-Pathankot National Highway (NH 44), Sarmastpur - 144 012, Jalandhar, Punjab, INDIA

91	Inderjit Singh	Development of Wearable Electronic Sensors Integrated into Textile Fabrics	KUDU FABRICS	6	2022-23	287750	<u>91</u>
92	Ipandeep Singh	Sustainable Steel Production: Assessing the Environmental Impact of Modern Steelmaking Techniques	G. O. STEEL PRIVATE LIMITED	10	2022-23	358365	<u>92</u>
93	Irfan Assad	The Future of Automation in Steel Production	ARJAS MODERN STEEL PRIVATE LIMITED	4	2022-23	347920	<u>93</u>
94	Jatin Anand	Innovative Steel Composites: Enhancing Structural Performance in Civil Engineering Applications	ACME GENERICS PRIVATE LIMITED	5	2022-23	295060	<u>94</u>
95	Jobanpreet Singh	Emerging Markets for Steel: Opportunities and Risks	ARJAS MODERN STEEL PRIVATE LIMITED	3	2022-23	431465	<u>95</u>
96	Joshna Sanolia	The Steel Industry's Role in Sustainable Development	HIGHWAY INDUSTRIES LIMITED	9	2022-23	354640	<u>96</u>
97	Jyoti Sehgal	Challenges in Exporting Agricultural Products to International Markets	INDIAN SUCROSE LIMITED	7	2022-23	466245	<u>97</u>
98	Kavita Devi	Consumer Preferences for Alternative Protein Sources	INDIAN SUCROSE LIMITED	7	2022-23	421445	<u>98</u>
99	Kewal Krishan	Environmental Regulations and Their Impact on Steel Production	VITAL STEEL BARS LLP	5	2022-23	429225	<u>99</u>
100	Ludarmani	Assessing Bitumen Performance for Giddaluru Pavement Projects	KISSAN FATS LIMITED	11	2022-23	259905	<u>100</u>
101	Manjeet Kaur	Conduction of free online hobby club classes to school children on sundays	KISSAN FATS LIMITED	8	2022-23	453430	<u>101</u>

Jalandhar-Pathankot National Highway (NH 44), Sarmastpur - 144 012, Jalandhar, Punjab, INDIA

102	Manjot Kaur	Economic Viability of Agroforestry Systems in Developing Countries	KISSAN FATS LIMITED	4	2022-23	291335	<u>102</u>
103	Mankiran	Exploring the Role of Gut Microbiota in Dairy Cow Health and Milk Production	A P ORGANICS LIMITED	3	2022-23	272460	<u>103</u>
104	Meenu Sharma	Evaluating the Potential of Agroforestry for Sustainable Development	BHAGWATI LACTO FOODS PRIVATE LIMITED	10	2022-23	358290	<u>104</u>
105	Mehak Kohli	Machine learning technique to deliver customized instructional content and activities	AVANI TEXTILES LIMITED	4	2022-23	495605	<u>105</u>
106	Monika Menia	Utilizing Artificial Intelligence for Crop Disease Detection	KISSAN FATS LIMITED	10	2022-23	412025	<u>106</u>
107	Monika Rana	Development of Probiotic Yogurt: Enhancing Nutritional Profiles with Novel Bacterial Strains	HEALTHCAPS INDIA LIMITED	5	2022-23	301500	<u>107</u>
108	Monika Supahiya	Influence of Food Safety Standards on Export Markets	BHAGWATI LACTO FOODS PRIVATE LIMITED	8	2022-23	224025	<u>108</u>
109	Mukul Panwar	Breathable and Moisture-Wicking Fabrics: Their Influence on Comfort and Performance During Physical Activity	SATLUJ SPINTEX LIMITED	4	2022-23	257295	<u>109</u>
110	Namrata Sanghwal	Future Innovations in Steel Recycling	ARJAS MODERN STEEL PRIVATE LIMITED	7	2022-23	326825	110
111	Nand Lal	Predicting the Impact of Renewable Energy on Steel Production	ARJAS MODERN STEEL PRIVATE LIMITED	3	2022-23	228050	<u>111</u>

112	Navpreet Kaur	Study of Formulation Factors Affecting the Release Profile of Transdermal Patches	SUN INDCHEMICALS PRIVATE LIMITED	8	2022-23	234210	<u>112</u>
113	Nishi	ML-Based Reminiscence Therapy Platform for Elderly Cognitive Health	JAIN AMAR CLOTHING PRIVATE LIMITED	3	2022-23	365575	<u>113</u>
114	Pallavi Khanna	Assisting the company in transitioning to digital platforms	METALMAN AUTO PRIVATE LIMITED, Ludhiana, Punjab	3	2022-23	324565	<u>114</u>
115	Pallavi Rattan	The Future of Green Steel: Opportunities and Challenges	VITAL STEEL BARS LLP	3	2022-23	297155	<u>115</u>
116	Payal Kapoor	Sustainable Practices in Aquaponics and Hydroponics Systems	INDIAN SUCROSE LIMITED	3	2022-23	282145	<u>116</u>
117	Pranjal Pachpore	Carbon Footprint Reduction Strategies in Steel Production	VITAL STEEL BARS LLP	7	2022-23	374445	<u>117</u>
118	Prashant Shukla	Exploring the Potential of Biodegradable Mulches in Crop Production	INDIAN SUCROSE LIMITED	5	2022-23	437345	118
119	Priyanka	Impact of Fertilizer Application Rates on Soil and Water Quality	INDIAN SUCROSE LIMITED	11	2022-23	359765	<u>119</u>
120	Puneet Sharma	The Impact of Industry 4.0 on Steel Manufacturing	VITAL STEEL BARS LLP	7	2022-23	279600	<u>120</u>
121	Radha	Market Dynamics in Organic Farming: Opportunities and Challenges	SHAKTI APIFOODS PRIVATE LIMITED	5	2022-23	238400	<u>121</u>
122	Radha	Software for identifying the amount of dust inhaled and analysis for lung cancer	T.C. TERRYTEX LIMITED, Mohali, Punjab	9	2022-23	240400	<u>122</u>
123	Rajan Sharma	Challenges of Scaling Up Sustainable Agricultural Practices	MEGASTAR FOODS LIMITED	3	2022-23	485360	<u>123</u>

124	Rama Shankar	The Role of Data Sharing in Agricultural Supply Chains	INDIAN SUCROSE LIMITED	4	2022-23	459660	<u>124</u>
125	Ramandeep Kaur	Enhancing Data Security in the Plastic Industry: ASCII-Based Symmetric Algorithm Implementation	GSA INDUSTRIES	5	2022-23	318055	<u>125</u>
126	Vidya Pandey	Analysis of Starch Extraction Techniques from Various Sources	BHAGWATI LACTO FOODS PRIVATE LIMITED	10	2022-23	410150	<u>126</u>



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/27

Date: 19-07-2022

Sanction Order

To.

Dr. A. Harshavardhan Reddy,

Assistant Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Optimizing Soil Fertility through Precision Agriculture Techniques" – Reg:

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 281400/- (Rupees Two Lakh EightyOne Thousand Four Hundred Only) for the execution of the project entitled "Optimizing Soil Fertility through Precision Agriculture Techniques"

As per the decision, an amount of Rs. 281400/- (Rupees Two Lakh EightyOne Thousand Four Hundred Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project — "Optimizing Soil Fertility through Precision Agriculture Techniques". The maximum duration of the project is not more than 8months.

Kindly note that the grant should be

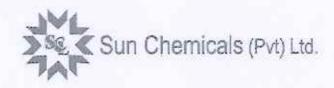
i) Spent for the execution of project within the defined time period,

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

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

ATTESTED

Registrar



Order No: Sun/2022-23/05

Date: 21.03.2023

ORDER

To, Dr. Abhay Punia, Assistant Professor, Zoology DAV University, Jalandhar.

Subject: Amount sanctioned to execute project entitled "Investigating the Efficacy of Novel Drug Carriers for Targeted Cancer Therapy" - Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.356735/- for the execution of the project entitled " Investigating the Efficacy of Novel Drug Carriers for Targeted Cancer Therapy".

As per the decision, an amount of Rs.356735/- 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

- 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.

Lavya Arr Form SUN INDCHEMICALS Manager

ATTESTED

DAV University, Jalandhar

1229/4-A/1, Dhandari Khurd , G.T. Road, , Ludhiana, Punjab, India - 141014.



Ref: Sukhjit/May/2022-23/03

Date: 10.03.2023

SANCTION ORDER

To Dr. Ahmad Husain DAV University

Subject: Amount sanctioned to implementation of project titled. "Synthesis and Characterization of Biodegradable Starch-Based Polymers" -. 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. 469480/- (Rupees Four Lakh SixtyNine Thousand Four Hundred Eighty 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.469480/- of Budget-in-aid to DAV University, Jalandhar Punjab towards initiation and implementation of the above-mentioned project i.e. "Synthesis and Characterization of Biodegradable Starch-Based Polymers". The maximum duration of the project is not more than "6 Months".

Sukhjit ATTESTED



Ref: Sukhjit/Feb/2022-23/05

Date: 05.02.2023

SANCTION ORDER

To Dr. Akshay Kumar DAV University

Subject: Amount sanctioned to implementation of project titled. "Investigation of Starch as a Renewable Resource for Biofuels" - 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. 457085/- (Rupees Four Lakh FiftySeven Thousand 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.457085/- of Budget-in-aid to DAV University, Jalandhar Punjab towards initiation and implementation of the above-mentioned project i.e. "Investigation of Starch as a Renewable Resource for Biofuels". The maximum duration of the project is not more than "5 Months".

Director

Sukhjit

ATTESTED

Registrar DAV University, Jalandhar



Order No: Sun/2021-22/09

Date: 07.01.2023

ORDER

To, Dr. Amandeep, Assistant Professor, Zoology DAV University, Jalandhar.

Subject: Amount sanctioned to execute project entitled " Evaluating the Cytotoxicity of Novel Chemotherapeutic Agents in Cell Cultures" - Reg.

Dear Sir/Madam.

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.361690/- for the execution of the project entitled " Evaluating the Cytotoxicity of Novel Chemotherapeutic Agents in Cell Cultures".

As per the decision, an amount of Rs.361690/- 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

- 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.

Lauga Am Form SUN INDCHEMICALS Manager

1229/4-A/1, Dhandari Khurd, G.T. Road, Ludhiana, Punjab, India - 141014.

Registrar
DAV University, Jalandhar



Ref: PBRL/2019-20/07

Date: 14.08.22

SANCTION ORDER

To,
Dr. Anju Bala,
Assistant Professor,
Commerce Business Management and Economics,
DAV University

Sub: Amount sanctioned to implementation of project entitled "Competitive Analysis of Major Steel Producers Worldwide" - Reg.

Dear Madam,

Based on the proposal submitted by Dr. Anju Bala, I am pleased to convey the administrative approval for a grant of Rs. 372775/- (Rupees Three Lakh SeventyTwo Thousand Seven Hundred SeventyFive Only) to implement project titled "Competitive Analysis of Major Steel Producers Worldwide".

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, Sr. HR Manager

ATTESTED

Registrar



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/15

Date: 19-04-2022

Sanction Order

To,

Dr. Anju Pathania,

Associate Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Developing Drought-Resistant Crop Varieties Using Genetic Engineering" - Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 430150/- (Rupees Four Lakh Thirty Thousand One Hundred Fifty Only) for the execution of the project entitled "Developing Drought-Resistant Crop Varieties Using Genetic Engineering"

As per the decision, an amount of Rs. 430150/- (Rupees Four Lakh Thirty Thousand One Hundred Fifty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project — "Developing Drought-Resistant Crop Varieties Using Genetic Engineering". The maximum duration of the project is not more than 10months.

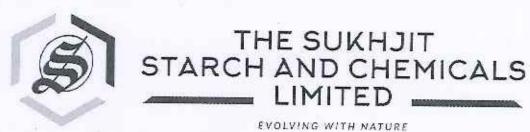
Kindly note that the grant should be

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



EVOLVING WITH NATURE

Ref: Sukhjit/Jan/2022-23/07

Date: 11.01.2023

SANCTION ORDER

To Dr. Ankush Gupta DAV University

Subject: Amount sanctioned to implementation of project titled. "Optimization of Enzymatic Processes for Starch Hydrolysis" -. 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. 304030/- (Rupees Three Lakh Four Thousand Thirty 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.304030/- of Budget-in-aid to DAV University, Jalandhar Punjab towards initiation and implementation of the above-mentioned project i.e. "Optimization of Enzymatic Processes for Starch Hydrolysis". The maximum duration of the project is not more than "9 Months".

Sukhjit

ATTESTED



Ref: AG/2022-23/41

15-April-2022

Sanction Order

To,
Or. Arun Singh Pathania,
Assistant Professor, Biotechnology
DAV University
Jalandhar – 144012

Subject: Project entitled "Biotechnology-Driven Advances in CRISPR/Cas9 Gene Editing for Agricultural Improvement" – 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. 291220/-(Rupees Two Lakh NinetyOne Thousand Two Hundred Twenty Only) for the execution of project entitled "Biotechnology-... Driven Advances in CRISPR/Cas9 Gene Editing for Agricultural Improvement".

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

Registrar



FMI Ltd. SILVER ARC MALL, Ferozepur Rd, Ludhiana, Punjab 141001

Dated: 25-Mar-2023.

Sanction Order

To,
Dr. Arvind Mahindru
Associate Professor,
Computer Science and Applications,
DAV University,
Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Advise on designing smaller, more portable devices with improved electronic components for convenient and on-the-go blood pressure monitoring."—Reg.

Sir,

I am hereby conveying the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 3,68,390/- (Rupees Three Lakh Sixty Eight Thousand Three Hundred Ninety Only) to be released as Budget-in-Aid from FMI LIMITED, Ludhiana, 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. 3,68,390/- (Rupees Three Lakh Sixty Eight 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. "Advise on designing smaller, more portable devices with improved electronic components for convenient and on-the-go blood pressure monitoring.". The maximum duration of the project is 10 months.

(Managing Director)

Authorized signatory

ATTESTED

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2022-23/55

Dated: 16/10/2022

Sanction Order

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

Subject: Amount sanctioned to implementation of project titled "Developing High-Yield, Drought-Resistant Crop Varieties Using Advanced Breeding Techniques"-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. 315035/- (Rupees Three Lakh Fifteen Thousand ThirtyFive 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. 315035/- (Rupees Three Lakh Fifteen Thousand ThirtyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Developing High-Yield, Drought-Resistant Crop Varieties Using Advanced Breeding Techniques". 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

Registrar DAV University, Jalandhar



Ref: PBRL/2018-19/11

Date: 07.07.22

SANCTION ORDER

To, Dr. Ashutosh Gupta, Associate Professor, Commerce Business Management and Economics, DAV University

Sub: Amount sanctioned to implementation of project entitled "Pricing Strategies in the Steel Industry: A Comparative Study" - Reg.

Dear Sir,

Based on the proposal submitted byDr. Ashutosh Gupta, I am pleased to convey the administrative approval for a grant of Rs. 492350/- (Rupees Four Lakh NinetyTwo Thousand Three Hundred Fifty Only) to implement project titled "Pricing Strategies in the Steel Industry: A Comparative Study".

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, Sr. HR Manager

ATTESTED

DAV University, Jalandhar

G.T.Road, Suranussi, Jalandhar-144027, Punjab



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

. Ref: APL/2022/19

Date: 22-04-2022

Sanction Order

To,

Dr. Ashutosh Sharma,

Associate Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Multiresponse optimization of agriculture residues using of experiments" - Reg:

Dear Sir.

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 491050/- (Rupees Four Lakh NinetyOne Thousand Fifty Only) for the execution of the project entitled "Multiresponse optimization of agriculture residues using of experiments"

As per the decision, an amount of Rs. 491050/- (Rupees Four Lakh NinetyOne Thousand Fifty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project — "Multiresponse optimization of agriculture residues using of experiments". 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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

ATTESTED



Ref: PBRL/2018-19/41

Date: 22.06.22

SANCTION ORDER

To,
Dr. Balpreet Kaur,
Assistant Professor,
Commerce Business Management and Economics,
DAV University

Sub: Amount sanctioned to implementation of project entitled "Market Entry Strategies for New Steel Firms" - Reg.

Dear Madam,

Based on the proposal submitted byDr. Balpreet Kaur, I am pleased to convey the administrative approval for a grant of Rs. 368040/- (Rupees Three Lakh SixtyEight Thousand Fourty Only) to implement project titled "Market Entry Strategies for New Steel Firms".

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,

Sr. HR Manager

ATTESTED

nay University, Jalandhar

G.T.Road, Suranussi, Jalandhar-144027. Punjab



PERFECT AGRO INDUSTRIES

B, 11, Focal Point, extn, Jalandhar, Punjab 144004

Ref: PAI/2022-23/20

21.09,2022

Sanction Order

To,

Dr. Bandna Bharti, Assistant Professor, Chemistry, Jalandhar-Pathankot, National Highway, Jalandhar, Punjab 144012

Sub: Sanction of project amount for "Development of Starch-Based Nanocomposites for Packaging Applications" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 347445/- as the budget-in-aid for the project entitled "Development of Starch-Based Nanocomposites for Packaging Applications".

As per the decision, an amount of Rs. 347445/- 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.

MD Perfect Agro

ATTESTED

DAY University, Jalandhar

Perfect Agro IndustriesB-11, Focal Point (Extn.), Jalandhar City-144004, Punjab (INDIA), Ph.: -91-181-5076667, 5003222, 2601147, Fax: +91-181-5001222, Email: perfect@perfectagro.com, web: www.perfectagro.com



Budhewal, Chandigarh Road, Ludhiana - 141112 (Punjab)

Ref-VSBL/33

Date:06.July.2022

ORDER

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

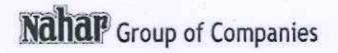
Subject: Sanction order for the implementation of project titled "Predictive Maintenance Using IoT and Machine Learning in Steel Manufacturing Plants"- Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.349405/- (Rupees Three Lakh FourtyNine Thousand Four Hundred Five Only) for the execution of the project entitled "Predictive Maintenance Using IoT and Machine Learning in Steel Manufacturing Plants"

As per the decision, an amount of Rs.349405/- (Rupees Three Lakh FourtyNine Thousand Four Hundred Five Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director



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

Ref: NIEL/2022-23/75

Date: 13/01/23

SANCTION ORDER

To,

Dr. Daljit Kaur, Assistant Professor, Physics, DAV University, Punjab.

Sub: Sanction of project amount for "Steel Manufacturing Innovations and Their Role in Modern Sports Facility Design for Physical Education" - Reg.

Dear Madam.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs.342940/- (Rupees Three Lakh FourtyTwo Thousand Nine Hundred Fourty Only) as the budget-in-aid for the project entitled "Steel Manufacturing Innovations and Their Role in Modern Sports Facility Design for Physical Education".

As per the decision, an amount of Rs.342940/- (Rupees Three Lakh FourtyTwo 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.

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



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/31

Date: 09-08-2022

Sanction Order

To,
Dr. Farooq Ahmad Aga,
Professor, Agriculture Sciences,
DAV University,

Jalandhar - 144012

Subject: Amount sanctioned to execute project entitled "Assessment of Sustainable Water Management Practices for Irrigation" - Reg:

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 396600/- (Rupees Three Lakh NinetySix Thousand Six Hundred Only) for the execution of the project entitled "Assessment of Sustainable Water Management Practices for Irrigation"

As per the decision, an amount of Rs. 396600/- (Rupees Three Lakh NinetySix Thousand Six Hundred Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project - "Assessment of Sustainable Water Management Practices for Irrigation". The maximum duration of the project is not more than 7months.

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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

Registrar

DAY University, Jalandhar



Ref: PBRL/2018-19/31

Date: 20.02.23

SANCTION ORDER

To,
Dr. Gagandeep,
Assistant Professor,
Commerce Business Management and Economics,
DAV University

Sub: Amount sanctioned to implementation of project entitled "Supply Chain Optimization in the Steel Industry" - Reg.

Dear Sir,

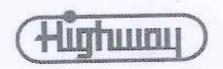
Based on the proposal submitted by Dr. Gagandeep, I am pleased to convey the administrative approval for a grant of Rs. 329925/- (Rupees Three Lakh TwentyNine Thousand Nine Hundred TwentyFive Only) to implement project titled "Supply Chain Optimization in the Steel Industry".

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, Sr. HR Manager

Registrar
DAV University, Jalandhar



Ref. No. HIL/2022-23/10

Dated: 18.March.2023

Sanction Order

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

Subject: Amount sanctioned to implementation of project titled "The Role of Logistics in Steel Distribution"-Reg.

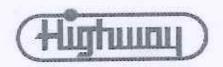
Dear Madam,

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "The Role of Logistics in Steel Distribution". 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. 344975/- (Rupees Three Lakh FourtyFour Thousand Nine Hundred SeventyFive Only) to be released as Budgetin-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 11 Months.

M.Routh Singh (Managing Director) ATTESTED



Ref No. HII/2022-23/08

Dated: 25.September.2022

Sanction Order

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

Subject: Amount sanctioned to implementation of project titled "Sustainable Practices in Steel Supply Chain Management"-Reg.

Dear Sir.

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "Sustainable Practices in Steel Supply Chain Management". 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. 336030/- (Rupees Three Lakh ThirtySix Thousand Thirty 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 11 Months.

M.Routh Singh

(Managing Director)



Ref. No. HIL/2022-23/07

Dated: 03.March.2023

Sanction Order

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

Subject: Amount sanctioned to implementation of project titled "Just-in-Time Inventory Management in Steel Production"-Reg.

Dear Madam,

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "Just-in-Time Inventory Management in Steel Production". 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. 281430/- (Rupees Two Lakh EightyOne Thousand Four Hundred Thirty 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 6 Months.

M.Routh Singh

(Managing Director)

Registrar



Malerkotla. Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/23

Date: 23-06-2022

Sanction Order

To,

Dr. Gursharan Singh,

Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Subject: Amount sanctioned to execute project entitled "Utilizing Drone Technology for Precision Pest Management" - Reg: Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 347030/- (Rupees Three Lakh FourtySeven Thousand Thirty Only) for the execution of the project entitled "Utilizing Drone Technology for Precision Pest Management"

As per the decision, an amount of Rs. 347030/- (Rupees Three Lakh FourtySeven Thousand Thirty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project - "Utilizing Drone Technology for Precision Pest Management". The maximum duration of the project is not more than 5months.

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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

> ATTESTED , Jalandhar



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/42

Date: 13-09-2022

Sanction Order

To.

Dr. H L Sharma,

Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Subject: Amount sanctioned to execute project entitled "Evaluating the Efficiency of Vertical Farming Systems in Urban Areas" - Reg:

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 370390/- (Rupees Three Lakh Seventy Thousand Three Hundred Ninety Only) for the execution of the project entitled "Evaluating the Efficiency of Vertical Farming Systems in Urban Areas"

As per the decision, an amount of Rs. 370390/- (Rupees Three Lakh Seventy Thousand Three Hundred Ninety Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project - "Evaluating the Efficiency of Vertical Farming Systems in Urban Areas". The maximum duration of the project is not more than 7months.

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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.



Ref. No. HIL/2022-23/20

Dated: 29.July.2022

Sanction Order

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

Subject: Amount sanctioned to implementation of project titled "Design and Development of Electric Tractors: A Sustainable Alternative in Agriculture"-Reg.

Dear Sir.

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "Design and Development of Electric Tractors: A Sustainable Alternative in Agriculture". 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. 373790/- (Rupees Three Lakh SeventyThree Thousand Seven Hundred Ninety 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 9 Months.

M.Routh Singh (Managing Director)

ATTESTED



KISSAN FATS LIMITED

Ref: KFL/2022/35

Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

05.September.2022

Sanction Order

To,

Dr. Harish Sharma, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar - 144012

Dear Sir/Madam,

Subject: Project entitled "Role of Beneficial Microbes in Enhancing Soil Fertility" -

Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 354265/- (Rupees Three Lakh FiftyFour Thousand Two Hundred SixtyFive Only)for the execution of project entitled

"Role of Beneficial Microbes in Enhancing Soil Fertility".

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.

ATTESTED

Registral

DAY University, Jalandhar



Ref: AG/2022-23/71

24-February-2023

Sanction Order

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

Subject: Project entitled "Exploring the Role of Starch in Drug Delivery Systems" - 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. 320515/(Rupees Three Lakh Twenty Thousand Five Hundred Fifteen Only) for the execution of project entitled "Exploring the Role of Starch in Drug Delivery Systems".

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

Registrat

DAY University, Jalandhar

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2022-23/41

Dated: 17/05/2022

Sanction Order

To, Dr. Harpreet Walia Assistant Professor, Botany and Environment Science, DAV University. Punjab.

Subject: Amount sanctioned to implementation of project titled "Exploring the Use of Phytoremediation for Soil Decontamination in Mining Areas"-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. 482390/- (Rupees Four Lakh EightyTwo Thousand Three Hundred Ninety 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. 482390/- (Rupees Four Lakh EightyTwo Thousand Three Hundred Ninety Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the abovementioned project i.e. "Exploring the Use of Phytoremediation for Soil Decontamination in Mining Areas". The maximum duration of the project is not more than 10 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 Cloud Technologies.

(Managing Director) Authorized signatory



KSM SPINNING MILLS LIMITED

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

REF.SO, KSM/2022-23/15

Date :15-02-2023

SANCTION ORDER

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

Subject: Amount sanctioned to implementation of project titled. "Wireless Sensor Networks for Environmental Monitoring in Packaging Facilities": -. 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.491365/- (Rupees Four Lakh NinetyOne Thousand Three Hundred SixtyFive 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.491365/-(Rupees Four Lakh NinetyOne Thousand Three Hundred SixtyFive Only) of Budget-in-aid to DAV University Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Dr. Hiteshwari Sabrol". The maximum duration of the project is not more than Ilmonths.

Director



KISSAN FATS LIMITED

Ref: KFL/2022/26

Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

01.August.2022

Sanction Order

To,

Dr. Inder Mohan Snarma, Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Comparative Analysis of Traditional vs. Modern Farming

Practices" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 279200/- (Rupees Two Lakh SeventyNine Thousand Two Hundred Only)for the execution of project entitled

"Comparative Analysis of Traditional vs. Modern Farming Practices".

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.



KISSAN FATS LIMITED

Ref: KFL/2022/31

Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

22.August.2022

Sanction Order

To,

Dr. Jagmohan Sharma, Professor, Agriculture Sciences, DAV University, Jalandhar — 144012

Dear Sir/Madam,

Subject: Project entitled "Impact of Agricultural Practices on Pollinator Health and

Biodiversity" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 434590/- (Rupees Four Lakh ThirtyFour Thousand Five Hundred Ninety Only)for the execution of project entitled

"Impact of Agricultural Practices on Pollinator Health and Biodiversity".

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.

ATTESTED



VARDHMAN CHEMTECH LIMITED

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

SO.NO: VCL/2022-23/45

Date:17/07/2022

SANCTION ORDER

To,

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

Sub: Amount sanctioned to implementation of project entitled "Next-Generation Structural Health Monitoring: IoT and AI Solutions for Building Safety" - Reg.

Dear Madam,

I am writing to you to express our commitment to support of project entitled "Next-Generation Structural Health Monitoring: IoT and AI Solutions for Building Safety" at DAV University, PUNJAB, INDIA that was proposed to our technical innovation grant program for funding. In this regard Rs.379140/-(Rupees Three Lakh SeventyNine Thousand One Hundred Fourty Only) has been sanctioned for the initiation and implementation of the above-mentioned project i.e. "Next-Generation Structural Health Monitoring: IoT and AI Solutions for Building Safety". The maximum duration of the project is not more than 8 months.

Authorized Signature



Ref: AG/2022-23/69

20-December-2022

Sanction Order

To, Dr. Kailash Nath Kaul, Professor, Chemistry DAV University Jalandhar–144012

Subject: Project entitled "Investigating the Impact of pH on Starch Gelatinization and Properties" - 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. 447715/(Rupees Four Lakh FourtySeven Thousand Seven Hundred Fifteen Only) for the execution of project entitled "Investigating the Impact of pH on Starch Gelatinization and Properties".

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.

Hagistra Jalandhar

MEGASTAR FOODS LIMITED

Solkhian, Sahibzada Ajit Singh Nagar, Punjab 140108



20-03-2023

Ref: MSFL/IP/2023/16

Sanction Order

To,
Dr. Kamaljeet Kaur
Associate Professor, Law and Legal Studies,
DAV University
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "The Impact of Globalization on Local Agricultural Practices" – Reg.

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 498010/-(Rupees Four Lakh NinetyEight Thousand Ten Only) for the execution of the project entitled "The Impact of Globalization on Local Agricultural Practices"

As per the decision, an amount of Rs. 498010/- (Rupees Four Lakh NinetyEight Thousand Ten Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "The Impact of Globalization on Local Agricultural Practices".

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 to MEGASTAR FOODS LIMITED

Authorized Signatory

HR

MEGASTAR FOODS LIMITED



KISSAN FATS LIMITED

Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad. Punjab 152024

30.September.2022

Sanction Order

Ta.

Dr. Karanjeet Singh Thind, Professor, Agriculture Sciences, DAV University, Jalandhar - 144012

Ref; KFL/2022/41

Dear Sir/Madam,

Subject: Project entitled "Innovations in Soil Erosion Control Methods" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt, Ltd. confers an amount of Rs. 466180/- (Rupees Four Lakh SixtySix Thousand One Hundred Eighty Only) for the execution of project entitled

"Innovations in Soil Erosion Control Methods".

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

KISSAN FATS LIMITED Pvt. Ltd.



Dated: 17.07.2022

Sanction Order

To, Dr. Keshav Walia Associate Professor, Physics, DAV University, Jalandhar.

Subject: Amount sanctioned to execute project entitled "Developing Simulation Frameworks for Solar Energy Harvesting Systems"-Reg.

Sir,

I am directed to convey the administrative approval of Rs. 312400/- (Rupees Three Lakh Twelve Thousand Four Hundred Only) for implementing the project titled "Developing Simulation Frameworks for Solar Energy Harvesting Systems", to Dr. Keshav Walia 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

ARJAS MODERN STEEL PRIVATE LIMITED



Ref. No. ARJAS/11

Dated: 13-November-22

Sanction Order

To,
Dr. Kulnaz Kaur,
Assistant Professor, Education,
DAV University
Jalandhar

Subject: Amount sanctioned to implementation of project titled "The Role of AI in Predicting Steel Market Trends"-Reg.

Dear Sir/Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 305660/-(Rupees Three Lakh Five Thousand Six Hundred Sixty Only) to be released as Budget-in-Aid from ARJAS MODERN STEEL PRIVATE 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.305660/-(Rupees Three Lakh Five Thousand Six Hundred Sixty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "The Role of AI in Predicting Steel Market Trends". The maximum duration of the project is not more than 90 days.

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 ARJAS MODERN STEEL PRIVATE LIMITED, Punjab.

(Managing Director) Authorized signatory



SHIVA PROTEIN PRODUCTS PRIVATE LIMITED

Shiva protein Products Pvt, Talwandi Rd, Punjab 151505

Ref: SPPPL/2022-36

30/08/22

Sanction Order

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

Sub: Sanction of project amount for "Development of Biodegradable Polymers from Microbial Sources:

Applications in Sustainable Packaging" - Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 389505/- as the budget-in-aid for the project entitled "Development of Biodegradable Polymers from Microbial Sources: Applications in Sustainable Packaging".

As per the decision, an amount of Rs. 389505/-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.

Hr. Manager

SHIVA PROTEIN PRODUCTS PRIVATE LIMITED

MITESTED



Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

Ref: KFL/2022/61

01.December.2022

Sanction Order

To,

Dr. Mahinder Singh Pathania, Professor, Agriculture Sciences, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Smart Farming Solutions for Integrating IoT and

Agriculture" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 468740/- (Rupees Four Lakh SixtyEight Thousand Seven Hundred Fourty Only)for the execution of project entitled

"Smart Farming Solutions for Integrating IoT and 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.

ATTESTED



Ref. No. HM/2022-23/05

Dated: 21.02.2023

Sanction Order

To Dr. Mamta Rani Assistant Professor, Physics, DAV University, Jalandhar.

Subject: Sanction order for the implementation of project titled "Solar-powered Lighting Solutions for Rural Communities" to be implemented by Dr. Mamta Rani.

Dear Sir/Madam,

Based on the proposal submitted by Dr. Mamta Rani, I am pleased to convey the administrative approval for a grant of Rs. 221575/- (Rupees Two Lakh TwentyOne Thousand Five Hundred SeventyFive Only) to implement project titled "Solar-powered Lighting Solutions for Rural Communities".

I am pleased to release Rs. 221575/- (Rupees Two Lakh TwentyOne Thousand Five Hundred SeventyFive 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

TESTED

ity, Jalandhar

MAHAVIR SPINNING MILLS PRIVATE LIMITED

Plot No. 10 New Lajpat Nagar, Pakhowal Road, Ludhiana, Punjab, India - 141001

Ref: MSP/2022-23/08

Date: 30/04/2022

ORDER

To,

Dr. Manik Sharma, Associate Professor, Computer Science and Applications, DAV University

Sub: Sanction of project amount for "Develop Software for providing Smart Solutions in Modern Construction Services" - Reg.

Dear Sir,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 419825/- as the budget-in-aid for the project entitled " Develop Software for providing Smart Solutions in Modern Construction Services ".

As per the decision, an amount of Rs. 419825/- 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.

Affir Gless

Manager
MAHAVIR SPINNING MILLS PVT.LTD

ATTESTED

Registral

DAV University, Jalandhar



KWALITY PHARMACEUTICALS LIMITED

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

MO/KPL/39

Date: 12.November.2022

SANCTION ORDER

To
Dr. Manju Deorari,
Assistant Professor, Physical Education
DAV University

Subject: Amount sanctioned to implementation of project titled. "The Role of Compression Garments in Enhancing Recovery and Performance in Sports" -, Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform KWALITY Pharmaceuticals Ltd an amount of Rs.329360/- (Rupees Three Lakh TwentyNine Thousand Three Hundred Sixty Only) for the execution of project entitled "The Role of Compression Garments in Enhancing Recovery and Performance in Sports".

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



Ref: KIL/2022-23/102

6/24/2022

SANCTION ORDER

To.

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

Sub: Sanction of project amount for "Exploring Engine Efficiency in Tractors: A Comparative Study of Diesel vs. Electric Power" - Reg.

Dear Sir,

The Administrative approval to carry out the above mentioned project at a total budget of Rs. 256955/- Rupees Two Lakh FiftySix Thousand Nine Hundred FiftyFive 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 10 months.

Sr. Manager

Kangro Industries Ltd.



Ref. No. AFL/2022-23/54

Dated: 21/06/2022

Order

To,
Dr. Mukhtiar Singh,
Assistant Professor, Computer Science and Applications,
DAV University,
Jalandhar.

Subject: Sanction of project amount for execution of "Analysis of Employee Grievance Resolution in Contemporary Work Environments"-Reg.

Dear Sir,

With this communication, I wish to inform that The Arihant Fabrics, Punjab has conferred Rs. 470630/-(Rupees Four Lakh Seventy Thousand Six Hundred Thirty Only) as the budget-in-aid for the project entitled "Analysis of Employee Grievance Resolution in Contemporary Work Environments". The maximum duration of the project is not more than 9 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 ATTESTED

BHAWANI INDUSTRIES PRIVATE LIMITED



Reference: BIPL/2022-23/95

Dated: 13/08/22

Sanction Order

To, Dr. N. Vanasundaram, Assistant Professor, Physics, DAV University, Jalandhar.

Subject: Amount sanctioned to implement the project titled "Analyzing Quantum Cryptography Protocols Using Computer Simulations"-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. 413095/- (Rupees Four Lakh Thirteen Thousand NinetyFive Only) to be released as Bhamani Industries Private 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. 413095/- (Rupees Four Lakh Thirteen Thousand NinetyFive Only) of Budget-in- aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Analyzing Quantum Cryptography Protocols Using Computer Simulations", The maximum duration of the project is not more than 8 months.

HR BHAWANI INDUSTRIES.Pvt. Ltd

ATTESTED



Budhewal, Chandigarh Road, Ludhiana - 141112 (Punjab)

Ref-VSBL/43

Date:13.January.2023

ORDER

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

Subject: Sanction order for the implementation of project titled "Waste Management Practices in Steel Manufacturing"- Reg.

Dear Madam,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.307585/- (Rupees Three Lakh Seven Thousand Five Hundred EightyFive Only) for the execution of the project entitled "Waste Management Practices in Steel Manufacturing"

As per the decision, an amount of Rs.307585/- (Rupees Three Lakh Seven Thousand Five Hundred EightyFive Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director



Date 17 01 2023

To
Dr. Naveen Bilandi,
Associate Professor, Computer Science and Engineering,
DAV University,
Punjab.

Subject: Amount sanctioned to execution of project titled ML-Based Treatment Recommendation System for Complex Conditions" -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. 405660/ - (Rupees Four Lakh Five Thousand Six Hundred Sixty Only) to be delivered as Budget-in-Aid from Plant Tech Servicers.

I am currently diverted to pass on the assent of the aggregate sum under the Delegation of Financial power rules to deliver an amount of Rs.405660/ - (Rupees Four Lakh Five Thousand Six Hundred Sixty Only) of Budget- inhelp to DAV University, Jalandhar, Punjab, INDIA towards inception and execution of the previously mentioned "ML-Based Treatment Recommendation System for Complex Conditions "project. The greatest term of the undertaking should be more than 8 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 T.C. SPINNERS PRIVATE LIMITED.

Thanking You

General Manager (Projects)

Authorized signatory

ATTESTED

nav University, Jalandhar



Ref: AG/2022-23/56

11-October-2022

Sanction Order

To, Dr. Nisha Devi, Assistant Professor, Chemistry DAV University Jalandhar—144012

Subject: Project entitled "The Use of Starch as a Natural Thickening Agent in Food Chemistry" - 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. 327225/- (Rupees Three Lakh TwentySeven Thousand Two Hundred TwentyFive Only) for the execution of project entitled "The Use of Starch as a Natural Thickening Agent in Food Chemistry".

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

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2022-23/48

Dated: 30/06/2022

Sanction Order

To, Dr. Nishi Sondhi Assistant Professor, Botany and Environment Science, DAV University, Punjab.

Subject: Amount sanctioned to implementation of project titled "Biotechnological Approaches for Enhancing the Nutritional Quality of Staple Crops"-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. 206695/- (Rupees Two Lakh Six Thousand Six Hundred NinetyFive 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. 206695/- (Rupees Two Lakh Six Thousand Six Hundred NinetyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Biotechnological Approaches for Enhancing the Nutritional Quality of Staple Crops". 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

ATTESTED



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/38

20/October/2022

Sanction Order

To.

Dr. Pardeep Kumar Dogra,

Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Effects of Genetically Modified Crops on Ecosystem Health" -

Reg.

Dear Sir,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 287645/- (Rupees Two Lakh EightySeven Thousand Six Hundred FourtyFive Only) as the budget-in-aid for the project entitled "Effects of Genetically Modified Crops on Ecosystem Health*. As per the decision, an amount of Rs. 287645/- 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

nav Howersity, Jalandha



SHIVA PROTEIN PRODUCTS PRIVATE LIMITED

Shiva protein Products Pvt, Talwandi Rd, Punjab 151505

Ref: SPPPL/2022-42

14/12/22

Sanction Order

To,
Dr. Praveen Guleria
Assistant Professor, Biotechnology,
DAV University
Jalandhar – 144012

Sub: Sanction of project amount for "Engineering Bacteria for Bioremediation: Enhancing the Degradation of Environmental Pollutants" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 268000/- as the budget-in-aid for the project entitled "Engineering Bacteria for Bioremediation: Enhancing the Degradation of Environmental Pollutants".

As per the decision, an amount of Rs. 268000/-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.

Hr. Manager

SHIVA PROTEIN PRODUCTS PRIVATE LIMITED

Hagtarar

C 104, Extension, Focal Point, Extension, Jalandhar, Punjab 144012

Ref. No. GFT/ME/2022/59

Dated: 29-11-22

Sanction Order

To Dr. Praveen Kumar Associate Professor, Physics, DAV University, Jalandhar.

Subject: Sanction order for the implementation of project titled "Embedded Systems for Monitoring Physical Phenomena in Remote Locations" to be implemented by Dr. Praveen Kumar.

Dear Sir,

Based on the proposal submitted by Dr. Praveen Kumar, I am pleased to convey the administrative approval for a grant of Rs. 334080/- (Rupees Three Lakh ThirtyFour Thousand Eighty Only) to implement project titled "Embedded Systems for Monitoring Physical Phenomena in Remote Locations".

I am pleased to release Rs. 334080/- (Rupees Three Lakh ThirtyFour Thousand Eighty 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 4 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Grip well Tool Industries pvt ltd, Punjab will monitor and coordinate the project directly.

Executive Manager SyberCC Technologies pvt ltd

May University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/28

17/June/2022

Sanction Order

To,

Dr. Puja Rattan,

Associate Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Development of Smart Irrigation Systems Using IoT

Technology" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 403200/- (Rupees Four Lakh Three Thousand Two Hundred Only) as the budget-in-aid for the project entitled *Development of Smart Irrigation Systems Using IoT Technology". As per the decision, an amount of Rs. 403200/- 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



Dated: 08.09.2022

Sanction Order

To,
Dr. Rahul Hans
Associate Professor, Computer Science and
Engineering,
DAV University,
Jalandhar.

Subject: Amount sanctioned to execute project entitled "IoT-enabled Smart Bioreactors for Remote Monitoring and Control of Bioprocesses"-Reg.

Sir,

I am directed to convey the administrative approval of Rs. 254030/- (Rupees Two Lakh FiftyFour Thousand Thirty Only) for implementing the project titled "IoT-enabled Smart Bioreactors for Remote Monitoring and Control of Bioprocesses", to Dr. Rahul Hans 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,
- Any part of the grant amount unused or not required shall be surrendered back.

From BCL INDUSTRIES Pvt. Ltd.,

Executive Manager

ATTESTED

PAV University, Jalandha

BCL Industries Ltd, Hazi Rattan Link, Road, Bathinda - 151005, Punjab



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/44

03/November/2022

Sanction Order

To,

Dr. Rahul Kumar,

Associate Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Evaluation of Cover Crops for Enhancing Soil Structure and

Health" - Reg.

Dear Sir,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 318795/- (Rupees Three Lakh Eighteen Thousand Seven Hundred NinetyFive Only) as the budget-in-aid for the project entitled "Evaluation of Cover Crops for Enhancing Soil Structure and Health". As per the decision, an amount of Rs. 318795/- 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

THAPAR AGRO MILLS LIMITED

G T ROAD Ludhiana, Punjab, 141120

Ref. No. TAML/2022-23/36

Dated: 28/04/2022

Sanction Order

To,
Dr. Raj Bala
Assistant Professor, Botany and Environment Science,
DAV University,
Punjab.

Subject: Amount sanctioned to implementation of project titled "Optimizing Plant-Based Biofuel Production Through Genetic Engineering of Energy Crops"—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. 474795/- (Rupees Four Lakh SeventyFour Thousand Seven Hundred NinetyFive 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. 474795/- (Rupees Four Lakh SeventyFour Thousand Seven Hundred NinetyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Optimizing Plant-Based Biofuel Production Through Genetic Engineering of Energy Crops". The maximum duration of the project is not more than 3 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

C 104, Extension, Focal Point, Extension, Jalandhar, Punjab 144012

Ref. No. GFT/ME/2022/48

Dated: 04-04-22

Sanction Order

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

Subject: Sanction order for the implementation of project titled "Mathematical Models for Predictive Maintenance in Manufacturing" to be implemented by Dr. Raj Kumar.

Dear Sir,

Based on the proposal submitted by Dr. Raj Kumar, I am pleased to convey the administrative approval for a grant of Rs. 244505/- (Rupees Two Lakh FourtyFour Thousand Five Hundred Five Only) to implement project titled "Mathematical Models for Predictive Maintenance in Manufacturing".

I am pleased to release Rs. 244505/- (Rupees Two Lakh FourtyFour Thousand Five Hundred Five 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 11 months.

The amount released shall be spent for the purpose of carrying out the sanctioned project and the Principal Investigator. Grip well Tool Industries pvt ltd, Punjab will monitor and coordinate the project directly.

Executive Manager SyberCC Technologies pvt ltd

ATTESTED



PIONEER INDUSTRIES PRIVATE LIMITED

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

Ref. No PIPL/2022-23/90

Date: 24-01-2023

SANCTION ORDER

To, Dr. Raj Kumar Seth, Associate Professor, Physics, DAV University. Punjab.

Subject: Amount sanctioned to implementation of project titled "3D Printing of Complex Structures: Physics-Driven Design Algorithms"- 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.343020/- (Rupees Three Lakh FourtyThree Thousand Twenty 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.343020/-(Rupees Three Lakh FourtyThree Thousand Twenty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "3D Printing of Complex Structures: Physics-Driven Design Algorithms". The maximum duration of the project is not more than 3 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.

> Sk Wahbub Project Head Authority

> > ATTESTED

Tuning of Lalandhar



PIONEER INDUSTRIES PRIVATE LIMITED

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

Ref. No PIPL/2022-23/96

Date: 21-01-2023

SANCTION ORDER

To,
Dr. Rajdeep Kaur,
Assistant Professor, Computer Science and Applications,
DAV University.
Punjab.

Subject: Amount sanctioned to implementation of project titled "Online Computer spare parts Service provider to the needy customers"- 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.220000/- (Rupees Two Lakh Twenty Thousand 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.220000/-(Rupees Two Lakh Twenty Thousand Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Online Computer spare parts Service provider to the needy customers". 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.

Project Head Authority

ATTESTED

AV University, Jalandhar



PIONEER INDUSTRIES PRIVATE LIMITED

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

Ref. No PIPL/2022-23/105

Date: 24-09-2022

SANCTION ORDER

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

Subject: Amount sanctioned to implementation of project titled "Applications of Graph Theory in Network Optimization"- 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.250000/- (Rupees Two Lakh Fifty Thousand 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.250000/-(Rupees Two Lakh Fifty Thousand Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Applications of Graph Theory in Network Optimization". The maxi mum 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.

> Sk Wahbub Project Heal Authority

> > ATTESTED

1AV University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/66

01/January/2023

Sanction Order

To,

Dr. Rajinder Singh Rekhi,

Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Influence of Agroecological Practices on Crop Diversity" -

Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 423565/- (Rupees Four Lakh TwentyThree Thousand Five Hundred SixtyFive Only) as the budget-in-aid for the project entitled "Influence of Agroecological Practices on Crop Diversity". As per the decision, an amount of Rs. 423565/- 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

1 University Italiandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/71

27/January/2023

Sanction Order

To,
Dr. Rajindra Prasad,
Professor, Agriculture Sciences,
DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Assessing the Benefits of Conservation Tillage on Soil Carbon Sequestration" – Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 366435/- (Rupees Three Lakh SixtySix Thousand Four Hundred ThirtyFive Only) as the budget-in-aid for the project entitled "Assessing the Benefits of Conservation Tillage on Soil Carbon Sequestration". As per the decision, an amount of Rs. 366435/- 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

Allesieu



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

Ref. No. AIL/2022-23/76 Dated: 28/06/22

Sanction Order

To, Dr. Rama Gupta, Assistant Professor, Physics, DAV University, Jalandhar.

Subject: Amount sanctioned to implementation of project titled "Using Genetic Algorithms to Optimize Physical System Configurations"-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. 290000/-(Rupees Two Lakh Ninety Thousand 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. 290000/-(Rupees Two Lakh Ninety Thousand Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Using Genetic Algorithms to Optimize Physical System Configurations". 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 ARISUDANA INDUSTRIES LIMITED, Punjab.

(Managing Director)
Authorized signatory

ATTESTED

Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/57

14/December/2022

Sanction Order

To,

Abhishree Pathania,

Assistant Professor, Journalism & Mass Communication,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Assessing the Economic Impact of Sustainable Agriculture

Practices" - Reg.

Dear Sir,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 363225/- (Rupees Three Lakh SixtyThree Thousand Two Hundred TwentyFive Only) as the budget-in-aid for the project entitled "Assessing the Economic Impact of Sustainable Agriculture Practices". As per the decision, an amount of Rs. 363225/- 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

Registrar Pay University, Jalandhar



Ref: PBRL/2018-19/21

Date: 30.03.23

SANCTION ORDER

To, Ajay Kumar Khullar, Assistant Professor, Commerce Business Management and Economics, DAV University

Sub: Amount sanctioned to implementation of project entitled "The Global Steel Market: Trends and Future Outlook" - Reg.

Dear Sir,

Based on the proposal submitted by Ajay Kumar Khullar, I am pleased to convey the administrative approval for a grant of Rs. 461000/- (Rupees Four Lakh SixtyOne Thousand Only) to implement project titled "The Global Steel Market: Trends and Future Outlook".

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, Sr. HR Manager

Registrar AV University, Jalandhar



KARTAR AGRO INDUSTRIES PRIVATE LIMITED

Ref: KAIPL/2022/49

23.September.2022

Sanction Order

To,

Akanksha Nautiyal, Assistant Professor, English, DAV University Jalandhar – 144012

Subject: Project entitled "Consumer Trends in Plant-Based Food Products" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that KARTAR AGRO confers an amount of Rs. 335000/-(Rupees Three Lakh ThirtyFive Thousand Only) for the execution of project entitled "Consumer Trends in Plant-Based Food 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 KARTAR AGRO INDUSTRIES PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

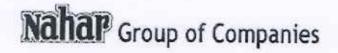
HR Manager,

KARTAR AGRO INDUSTRIES Pvt. Ltd.

ATTESTED

JAV University, Jalandhar

Amtoh Rd, Bhadson, Punjab 147202



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

Ref: NIEL/2022-23/74

Date: 19/05/22

SANCTION ORDER

To,

Akansha Mehta, Assistant Professor, Mathematics, DAV University, Punjab.

Sub: Sanction of project amount for "Mathematical Optimization Techniques in Supply Chain Management" - Reg.

Dear Sir,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs.421395/- (Rupees Four Lakh TwentyOne Thousand Three Hundred NinetyFive Only) as the budget-in-aid for the project entitled "Mathematical Optimization Techniques in Supply Chain Management".

As per the decision, an amount of Rs.421395/- (Rupees Four Lakh TwentyOne Thousand Three Hundred 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

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

Registral DAV University, Jalandhar

6



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/49

Date: 23-12-2022

Sanction Order

To,
Alka Soharu,
Assistant Professor, Agriculture Sciences,
DAV University,
Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Impact of Climate Change on Crop Yield in Arid Regions" - Reg: Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 428620/- (Rupees Four Lakh TwentyEight Thousand Six Hundred Twenty Only) for the execution of the project entitled "Impact of Climate Change on Crop Yield in Arid Regions"

As per the decision, an amount of Rs. 428620/- (Rupees Four Lakh TwentyEight Thousand Six Hundred Twenty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Impact of Climate Change on Crop Yield in Arid Regions". The maximum duration of the project is not more than 3months.

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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

> Registrar DAV University, Jalandhar



MANKU AGROTECH PRIVATE LIMITED

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

Ref: MAPL/IP/2022/30

26:11:22

Sanction Order

To.

Amandeep Brar,

Assistant Professor, Microbiology,

DAV University, Jalandhar-Pathankot, National Highway,

Jalandhar, Punjab 144012

<u>Subject</u>: Amount sanctioned to implementation of project entitled "Bioremediation of Heavy Metal Contaminated Soil Using Native Microbial Strains" - Reg.

Dear Sir/Madam,

I am directed to convey the administrative approval to sanction Rs. 279965/- (Rupees Two Lakh SeventyNine Thousand Nine Hundred SixtyFive Only) for the execution of the project entitled "Bioremediation of Heavy Metal Contaminated Soil Using Native Microbial Strains"

As per the decision, an amount of Rs. 279965/- (Rupees Two Lakh SeventyNine Thousand Nine Hundred SixtyFive Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Bioremediation of Heavy Metal Contaminated Soil Using Native Microbial Strains". 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

Registrar
DAY University, Jalandhar



KARTAR AGRO INDUSTRIES PRIVATE LIMITED

Ref: KAIPL/2022/65

05.December.2022

Sanction Order

To,

Amita Dhawan, Assistant Professor, English, DAV University Jalandhar – 144012

Subject: Project entitled "Challenges and Opportunities for Agribusiness in the Global Market" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that KARTAR AGRO confers an amount of Rs. 322805/-(Rupees Three Lakh TwentyTwo Thousand Eight Hundred Five Only) for the execution of project entitled "Challenges and Opportunities for Agribusiness in the Global Market".

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 KARTAR AGRO INDUSTRIES PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

KARTAR AGRO INDUSTRIES Pvt. Ltd.

Registrar
DAV University, Jalandher

BASSI ALLOYS PRIVATE LIMITED

F. No. BAPL/101

Date: 30-08-22

Sanction Order

To, Anil Kumar, Assistant Professor, Education, DAV University, Jalandhar.

Subject: Financial Assistance to Anil Kumar of DAV University to develop the project titled "Labor Laws and Their Impact on Steel Manufacturing" -Reg.

Sir,

I am directed to convey the administrative approval of Rs. 285620/- (Rupees Two Lakh EightyFive Thousand Six Hundred Twenty Only) for implementing the project titled "Labor Laws and Their Impact on Steel Manufacturing", to Anil Kumar of DAV University, Punjab. towards initiation and implementation of the above-mentioned project. The duration of the project is not more than 8Months.

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

Cokanach

L / similar

Executive Manager

Registral
DAY University, Jalandhar



Dated: 19.01.2023

Sanction Order

To, Anita Devgan Assistant Professor, Mathematics, DAV University, Jalandhar.

Subject: Amount sanctioned to execute project entitled "Stochastic Modeling for Risk Management in Financial Markets"-Reg.

Sir,

I am directed to convey the administrative approval of Rs. 467810/- (Rupees Four Lakh SixtySeven Thousand Eight Hundred Ten Only) for implementing the project titled "Stochastic Modeling for Risk Management in Financial Markets", to Anita Devgan 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

Registrar DAV University, Jalandhar



Ref. No. HM/2022-23/10

Dated: 21.09.2022

Sanction Order

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

Subject: Sanction order for the implementation of project titled "Numerical Simulation of Fluid Dynamics in Oil and Gas Pipelines" to be implemented by Anmol Bajaj.

Dear Sir/Madam,

Based on the proposal submitted by Anmol Bajaj, I am pleased to convey the administrative approval for a grant of Rs. 431680/- (Rupees Four Lakh ThirtyOne Thousand Six Hundred Eighty Only) to implement project titled "Numerical Simulation of Fluid Dynamics in Oil and Gas Pipelines".

I am pleased to release Rs. 431680/- (Rupees Four Lakh ThirtyOne Thousand Six Hundred Eighty 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

nay University, Jalandhar



Knitted fabrics. Knitted apparels.

Ref-KF/2022-23/08

Dt: 24/10/2022

APPOINTMENT ORDER

To
Anuradha Chaudhary,
Assistant Professor, Physical Education,
DAV University

Subject: Appointment order for the implementation of project titled "The Impact of High-Performance Fabrics on Athletic Performance in Physical Education" - Reg.

Dear Sir/Madam,

I am pleased to convey the administrative approval for a grant of Rs.359030/- (Rupees Three Lakh FiftyNine Thousand Thirty Only) to implement project titled "The Impact of High-Performance Fabrics on Athletic Performance in Physical Education"

I am pleased to release Rs.359030/- (Rupees Three Lakh FiftyNine Thousand Thirty Only) immediately towards the grant for the year 2022-23. 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

Shiru Kumar K

KUDU Fabrics

DAY University, Jalandhar

BHAWANI INDUSTRIES PRIVATE LIMITED



Reference: BIPL/2022-23/99

Dated: 12/12/22

Sanction Order

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

Subject: Amount sanctioned to implement the project titled "Game Theory Applications in Competitive Market Strategy"-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. 368820/- (Rupees Three Lakh SixtyEight Thousand Eight Hundred Twenty Only) to be released as Bhamani Industries Private 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. 368820/- (Rupees Three Lakh SixtyEight Thousand Eight Hundred Twenty Only) of Budget-in- aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Game Theory Applications in Competitive Market Strategy". The maximum duration of the project is not more than 7 months.

HR BHAWANI INDUSTRIES.Pvt. Ltd

Johnson

way University, Jalandhar

ARJAS MODERN STEEL PRIVATE LIMITED



Ref. No. ARJAS/04

Dated: 05-March-23

Sanction Order

To, Arvind Trivedi, Associate Professor, Education, DAV University Jalandhar

Subject: Amount sanctioned to implementation of project titled "Navigating Compliance Issues in the Steel Industry"-Reg.

Dear Sir/Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 297385/-(Rupees Two Lakh NinetySeven Thousand Three Hundred EightyFive Only) to be released as Budget-in-Aid from ARJAS MODERN STEEL PRIVATE 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.297385/-(Rupees Two Lakh NinetySeven Thousand Three Hundred EightyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Navigating Compliance Issues in the Steel Industry". The maximum duration of the project is not more than 90 days.

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 ARJAS MODERN STEEL PRIVATE LIMITED, Punjab.

(Managing Director) Authorized signatory DAY University, Jalandhar



Ref. No. GSA/2022-23/06

Date: 1/1/2023

Sanction Order

To,

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

Subject: Amount sanctioned to implementation of project titled "Energy Optimization in Electric Arc Furnaces (EAF) for Steel Production"-Reg. Sir,

I am directed to convey the Administrative approval for the implementation of the abovementioned project at a total budgetary outlay of Rs, 448545/- (Rupees Four Lakh Fourty Eight Thousand Five Hundred FourtyFive 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.448545/-(Rupees Four Lakh FourtyEight Thousand Five Hundred FourtyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Energy Optimization in Electric Arc Furnaces (EAF) for Steel Production". The maximum duration of the project is not more than 6Months.

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.

ATTESTED

Managing Director



KARTAR AGRO INDUSTRIES PRIVATE LIMITED

Ref: KAIPL/2022/41

17.August.2022

Sanction Order

To,

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

Subject: Project entitled "The Impact of COVID-19 on Agricultural Supply Chains" - Reg.

Dear Sir/Madam.

On behalf of the administrative decision, I wish to inform that KARTAR AGRO confers an amount of Rs. 396245/-(Rupees Three Lakh NinetySix Thousand Two Hundred FourtyFive Only) for the execution of project entitled "The Impact of COVID-19 on Agricultural Supply Chains".

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 KARTAR AGRO INDUSTRIES PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

KARTAR AGRO INDUSTRIES Pvt. Ltd.

Registrar DAV University, Jalandhar

Amloh Rd, Bhadson, Punjab 147202



Knitted fabrics. Knitted apparels.

Ref-KF/2022-23/18

Dt: 08/02/2023

APPOINTMENT ORDER

To
Babita,
Assistant Professor, Computer Science and Engineering,
DAV University

Subject: Appointment order for the implementation of project titled "Recommending data management systems and tools to efficiently handle and secure the company's electronic data" – Reg.

Dear Sir/Madam,

I am pleased to convey the administrative approval for a grant of Rs.335175/- (Rupees Three Lakh ThirtyFive Thousand One Hundred SeventyFive Only) to implement project titled "Recommending data management systems and tools to efficiently handle and secure the company's electronic data"

I am pleased to release Rs.335175/- (Rupees Three Lakh ThirtyFive Thousand One Hundred SeventyFive Only) immediately towards the grant for the year 2022-23. 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.

Shiru Kumar K Executive Manager

KUDU Fabrics

PROJECTED

REGISTRAT

DAY University, Jalandhar



Ref: PBRL/2018-19/16

Date: 30.05.22

SANCTION ORDER

To,
Bindia,
Assistant Professor,
Commerce Business Management and Economics,
DAV University

Sub: Amount sanctioned to implementation of project entitled "The Impact of Trade Policies on the Steel Market" - Reg.

Dear Madam,

Based on the proposal submitted by Bindia, I am pleased to convey the administrative approval for a grant of Rs. 326260/- (Rupees Three Lakh Twenty Six Thousand Two Hundred Sixty Only) to implement project titled "The Impact of Trade Policies on the Steel Market".

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, Sr. HR Manager

Registral
DAV University, Jalandhar

G.T.Road, Suranussi, Jalandhar-144027, Punjab



Vardhman Textiles Ltd.

Ref: VTL/2022-23/21

26.January.2023

SANCTION ORDER

To,
Bindu Bansal,
Assistant Professor, Computer Science and Applications,
DAV University,
Punjab.

Sub: Sanction of project amount for "Heart attack prediction using comprehensible artificial intelligence" - Reg.

Dear Madam,

I am conveying the Administrative approval to the total amount under the delegation of financial power rules to release an amount of Rs. 349150/- (Rupecs Three Lakh FourtyNine Thousand One Hundred Fifty Only) of Budget to DAV University, Punjab, INDIA towards initiation and implementation of the project i.e. "Heart attack prediction using comprehensible artificial intelligence". The maximum duration of the project is not more than 11 months.

Note: The grant amount shall be spent for the project within the specified time.

Manager

Vardhman Textiles Ltd

Registrar DAV University, Jalandhar

Chandigarh Rd, Guru Teg Bahadur Nagar, Ludhiana, Punjab 141011



Vardhman Textiles Ltd.

Ref: VTL/2022-23/26

19.May.2022

SANCTION ORDER

To, Chander Pal Singh, Assistant Professor, Physical Education, DAV University, Punjab.

Sub: Sanction of project amount for "Innovative Smart Textiles in Physical Education: A Study on Wearable Technology" - Reg.

Dear Sir,

I am conveying the Administrative approval to the total amount under the delegation of financial power rules to release an amount of Rs. 408555/- (Rupces Four Lakh Eight Thousand Five Hundred FiftyFive Only) of Budget to DAV University, Punjab, INDIA towards initiation and implementation of the project i.e. "Innovative Smart Textiles in Physical Education: A Study on Wearable Technology". The maximum duration of the project is not more than 4months.

Note: The grant amount shall be spent for the project within the specified time.

Manager

Vardhenan Textiles Ltd

Registral DAV University, Jalandhar



KARTAR AGRO INDUSTRIES PRIVATE LIMITED

Ref: KAIPL/2022/58

04.October.2022

Sanction Order

To,

Digvijay Singh, Assistant Professor, English, DAV University Jalandhar – 144012

Subject: Project entitled "Financial Performance Analysis of Agribusiness Startups" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that KARTAR AGRO confers an amount of Rs. 414955/(Rupees Four Lakh Fourteen Thousand Nine Hundred FiftyFive Only) for the execution of project entitled "Financial Performance Analysis of Agribusiness Startups".

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 KARTAR AGRO INDUSTRIES PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

KARTAR AGRO INDUSTRIES Pvt. Ltd.

Registrar
No University, Jalandhar



KARTAR AGRO INDUSTRIES PRIVATE LIMITED

Ref: KAIPL/2022/35

25.April.2022

Sanction Order

To.

Dildar Singh, Assistant Professor, English, DAV University Jalandhar – 144012

Subject: Project entitled "Corporate Social Responsibility in the Agriculture Sector" - Reg.

Dear Sir/Madam,

On behalf of the administrative decision, I wish to inform that KARTAR AGRO confers an amount of Rs. 358390/-(Rupees Three Lakh FiftyEight Thousand Three Hundred Ninety Only) for the execution of project entitled "Corporate Social Responsibility in the Agriculture Sector".

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 KARTAR AGRO INDUSTRIES PRIVATE LIMITED.
- (b) Tenure of the project will not be extended under any circumstances.

HR Manager,

KARTAR AGRO INDUSTRIES Pvt. Ltd.

Registrate DAV University, Jalandhar



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/46

Date: 17-10-2022

Sanction Order

To.

Dixa Tanotra,

Assistant Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Subject: Amount sanctioned to execute project entitled "Assessment of Air Quality and Emission Reduction Strategies for Industrial Zones" - Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 342705/- (Rupees Three Lakh FourtyTwo Thousand Seven Hundred Five Only) for the execution of the project entitled "Assessment of Air Quality and Emission Reduction Strategies for Industrial Zones"

As per the decision, an amount of Rs. 342705/- (Rupees Three Lakh FourtyTwo Thousand Seven Hundred Five Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Assessment of Air Quality and Emission Reduction Strategies for Industrial Zones". The maximum duration of the project is not more than 11months.

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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

Registrar

DAV University, Jalandhar



PERFECT AGRO INDUSTRIES

B, 11, Focal Point, extn, Jalandhar, Punjab 144004

Ref: PAI/2022-23/42

18.12.2022

Sanction Order

To,

Ekta,

Assistant Professor, Chemistry, Jalandhar-Pathankot, National Highway, Jalandhar, Punjab 144012

Sub: Sanction of project amount for "Chemical Modification of Starch for Enhanced Water Resistance" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 356010/- as the budget-in-aid for the project entitled "Chemical Modification of Starch for Enhanced Water Resistance".

As per the decision, an amount of Rs. 356010/- 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,
- ii) Any part of the grant amount unused or not required shall be surrendered back.

MD Perfect Agro

ATTESTED

Perfect Agro IndustriesB-11, Focal Point (Extn.), Jalandhar City-144004, Punjab (INDIA), Phi #91 #81-5076667, 5003222, 2601147, Fax: -91 181-5001222, Email: perfect@perfectagro.com, web; www.perfectagro.com



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

Date: 19,02.23

SANCTION ORDER

To Gulshan Kumar DAV University

<u>Subject:</u> Amount sanctioned to execute project entitled "Predictive Breast Cancer Diagnosis: Harnessing Al-Based Algorithms with Oncologists, Endocrine Surgeons, and General Surgeons" - Reg.

Dear Sir/Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 438170/- (Rupees Four Lakh ThirtyEight Thousand One Hundred Seventy Only) for the execution of the project entitled" Predictive Breast Cancer Diagnosis; Harnessing Al-Based Algorithms with Oncologists. Endocrine Surgeons, and General Surgeons.

As per the decision, an amount of Rs. 438170/- (Rupees Four Lakh ThirtyEight Thousand One Hundred Seventy Only) will be released as the budget-in-aid to DAV University, Punjab INDIA for the execution of the project - " Predictive Breast Cancer Diagnosis: Harnessing AI-Based Algorithms with Oncologists, Endocrine Surgeons, and General Surgeons".

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



Ref: PBRL/2018-19/14

Date: 22.10.22

SANCTION ORDER

To, Gurdeep singh, Assistant Professor, Mechanical Engineering, DAV University

Sub: Amount sanctioned to implementation of project entitled "Optimization of Tractor Engine Performance Using Hybrid Powertrain Systems" - Reg.

Dear Sir,

Based on the proposal submitted by Gurdeep singh, I am pleased to convey the administrative approval for a grant of Rs. 280380/- (Rupees Two Lakh Eighty Thousand Three Hundred Eighty Only) to implement project titled "Optimization of Tractor Engine Performance Using Hybrid Powertrain Systems".

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, Sr. HR Manager

G.T.Road, Suranussi, Jalandhar-144027, Punjab



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2023/16

Date: 30-03-2023

Sanction Order

To,

Gurpreet Kaur,

Assistant Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Subject: Amount sanctioned to execute project entitled "Effects of Organic Farming on Soil Health and Crop Productivity" - Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 320560/- (Rupees Three Lakh Twenty Thousand Five Hundred Sixty Only) for the execution of the project entitled "Effects of Organic Farming on Soil Health and Crop Productivity"

As per the decision, an amount of Rs. 320560/- (Rupees Three Lakh Twenty Thousand Five Hundred Sixty Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Effects of Organic Farming on Soil Health and Crop Productivity". 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



Ref. No. HIL/2022-23/21

Dated: 20.March.2023

Sanction Order

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

Subject: Amount sanctioned to implementation of project titled "The Impact of Global Supply Chain Disruptions on Steel Companies"-Reg.

Dear Madam.

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "The Impact of Global Supply Chain Disruptions on Steel Companies". 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. 377115/- (Rupees Three Lakh SeventySeven Thousand One Hundred Fifteen 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 11 Months.

M.Routh Singh

(Managing Director)

Ponisti

DAV University, Jalandhar



Knitted fabrics. Knitted apparels.

Ref-KF/2022-23/26

Dt: 15/09/2022

APPOINTMENT ORDER

To
Inderjit Singh,
Assistant Professor, Electronics and Communication Engineering,
DAV University

Subject: Appointment order for the implementation of project titled "Development of Wearable Electronic Sensors Integrated into Textile Fabrics" – Reg.

Dear Sir/Madam,

I am pleased to convey the administrative approval for a grant of Rs.287750/- (Rupees Two Lakh EightySeven Thousand Seven Hundred Fifty Only) to implement project titled "Development of Wearable Electronic Sensors Integrated into Textile Fabrics"

I am pleased to release Rs.287750/- (Rupees Two Lakh EightySeven Thousand Seven Hundred Fifty Only) immediately towards the grant for the year 2022-23. 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

Shira Kumar K

KUDU Fabrics

G. O. STEEL PRIVATE LIMITED

Vill KAHANPURA Badinpur road, Mandi Gobindgarh, Punjab 147301

Ref: 2022-23/43

Dt:08/Dec/2022

Budget Sanction Order

To, Ipandeep Singh Assistant Professor, Civil Engineering DAV University, Jalandhar,

Dear Sir/Madam,

Subject: Amount sanctioned for implementing the project titled "Sustainable Steel Production: Assessing the Environmental Impact of Modern Steelmaking Techniques"-Reg.

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 358365/- (Rupees Three Lakh FiftyEight Thousand Three Hundred 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. 358365/- (Rupees Three Lakh FiftyEight Thousand Three Hundred SixtyFive Only) for the execution of project entitled "Sustainable Steel Production: Assessing the Environmental Impact of Modern Steelmaking Techniques". 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

Pegishar

DAV University, Jalandhar

ARJAS MODERN STEEL PRIVATE LIMITED



Ref. No. ARJAS/05

Dated: 24-May-22

Sanction Order

To, Irfan Assad, Assistant Professor, Education, DAV University Jalandhar

Subject: Amount sanctioned to implementation of project titled "The Future of Automation in Steel Production"-Reg.

Dear Sir/Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 347920/-(Rupees Three Lakh FourtySeven Thousand Nine Hundred Twenty Only) to be released as Budget-in-Aid from ARJAS MODERN STEEL PRIVATE 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.347920/-(Rupees Three Lakh FourtySeven Thousand Nine Hundred Twenty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "The Future of Automation in Steel Production". The maximum duration of the project is not more than 90 days.

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 ARJAS MODERN STEEL PRIVATE LIMITED, Punjab.

(Managing Director) Authorized signatory

Registrar At University, Jalandhar

G T Road, Mandi Gobindgarh, Fatehgarh Sahib, Punjab, India 147301



JLPL Industrial Area, Plot No. 132, Second Floor, Sector No. 82 Mohali

Ref. No. ACME/PRO/2023/02

Date: 16-Mar-2023.

Sanction Order

Te, Mr. Jatin Anand, Assistant Professor, Department of Civil Engineering, DAV University, Jalandhar, Punjab- 144012

Subject: Amount transferred to carry out the of project titled "Innovative Steel Composites: Enhancing Structural Performance in Civil Engineering Applications"—Reg.

Sir.

I am directed to convey the Administrative approval to carry out the above mentioned project at a total budget of Rs. 2,95,060% (Rupces Two Lakh Ninety Five Thousand Sixty Only) to be released as Budget-in- Aid from ACME Generics Pvt. 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. 2,95,060/- (Rupces Two Lakh Ninety Five Thousand Sixty Only) of Budget- in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. ** Intovative Steel Composites: Enhancing Structural Performance in Civil Engineering Applications*. The maximum duration of the project is not more than 5 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 ACME Generics Pvt. Ltd., Punjab.

FOR ACME GENERICS PVL Lid

ATTESTED

DAV University, Jalandhar

ARJAS MODERN STEEL PRIVATE LIMITED



Ref. No. ARJAS/10

Dated: 16-August-22

Sanction Order

To, Jobanpreet Singh, Assistant Professor, Education, DAV University Jalandhar

Subject: Amount sanctioned to implementation of project titled "Emerging Markets for Steel: Opportunities and Risks"-Reg.

Dear Sir/Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 431465/-(Rupees Four Lakh ThirtyOne Thousand Four Hundred SixtyFive Only) to be released as Budget-in-Aid from ARJAS MODERN STEEL PRIVATE 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.431465/-(Rupees Four Lakh ThirtyOne Thousand Four Hundred SixtyFive Only) of Budgetin-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Emerging Markets for Steel: Opportunities and Risks". The maximum duration of the project is not more than 90 days.

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 ARJAS MODERN STEEL PRIVATE LIMITED, Punjab.

(Managing Director) Authorized signatory ATTESTED

DAV University, Jalandhar



Ref. No. HIL/2022-23/25

Dated: 28.November.2022

Sanction Order

To
Joshna Sanolia,
Assistant Professor, Commerce Business
Management and Economics,
DAV University,
Jalandhar,

Subject: Amount sanctioned to implementation of project titled "The Steel Industry's Role in Sustainable Development"-Reg.

Dear Madam,

We are extremely elated to inform you that Highway Industries Pvt.Ltd has agreed to accept your contract for "The Steel Industry's Role in Sustainable Development". 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. 354640/- (Rupees Three Lakh FiftyFour Thousand Six Hundred Fourty 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 9 Months.

M.Routh Singh

montu-

(Managing Director)

ATTESTED

DAV University, Jalandhar

G.T.Road, Sahnewal Ludhiana141120



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/34

06/September/2022

Sanction Order

To.

Jyoti Sehgal,

Assistant Professor, Journalism & Mass Communication.

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Challenges in Exporting Agricultural Products to International

Markets" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 466245/- (Rupees Four Lakh SixtySix Thousand Two Hundred FourtyFive Only) as the budget-in-aid for the project entitled "Challenges in Exporting Agricultural Products to International Markets". As per the decision, an amount of Rs. 466245/- 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

DAV University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/15

19/April/2022

Sanction Order

To,

Kavita Devi,

Assistant Professor, Journalism & Mass Communication,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Consumer Preferences for Alternative Protein Sources" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 421445/- (Rupees Four Lakh TwentyOne Thousand Four Hundred FourtyFive Only) as the budget-in-aid for the project entitled "Consumer Preferences for Alternative Protein Sources". As per the decision, an amount of Rs. 421445/- 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



Budhewal, Chandigarh Road, Ludhiana - 141112 (Punjab)

Ref-VSBL/38

Date:21.December.2022

ORDER

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

Subject: Sanction order for the implementation of project titled "Environmental Regulations and Their Impact on Steel Production"- Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.429225/- (Rupees Four Lakh TwentyNine Thousand Two Hundred TwentyFive Only) for the execution of the project entitled "Environmental Regulations and Their Impact on Steel Production"

As per the decision, an amount of Rs.429225/- (Rupees Four Lakh TwentyNine Thousand Two Hundred TwentyFive Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director

MAY University, Jalandhar



KISSAN FATS LIMITED

Ref: KFL/2023/33

Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

10.January.2023

Sanction Order

To,

Ludarmani, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar — 144012

Dear Sir/Madam,

Subject: Project entitled "Assessing Bitumen Performance for Giddaluru Pavement

Projects" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 259905/- (Rupees Two Lakh FiftyNine Thousand Nine Hundred Five Only)for the execution of project entitled

"Assessing Bitumen Performance for Giddaluru Pavement Projects".

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.

Registral

JAV University, Jalandhar



Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

Ref: KFL/2023/41

30.March.2023

Sanction Order

To,

Manjeet Kaur, Professor, Psychology, DAV University, Jalandhar – 144012

Dear Sir/Madam,

Subject: Project entitled "Conduction of free online hopby club classes to school

children on sundays" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 453430/- (Rupees Four Lakh FiftyThree Thousand Four Hundred Thirty Only)for the execution of project entitled

"Conduction of free online hobby club classes to school children on sundays".

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.

Hegistrar DAV University, Jalandhar



Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

Ref: KFL/2022/59

10.November.2022

Sanction Order

To.

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

Dear Sir/Madam,

Subject: Project entitled "Economic Viability of Agroforestry Systems in Developing

Countries" - Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 291335/- (Rupees Two Lakh NinetyOne Thousand Three Hundred ThirtyFive Only)for the execution of project entitled

"Economic Viability of Agroforestry Systems in Developing Countries".

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.

Registrar

DAV University, Jalandhar



SCO. No. 14,First Floor Royal Street Sector Satara within Omaxe royal residency Pakhowal Road Ludhiana 142022

Ref: APOL/2022-23/46

Date 08-09-22

Sanction Order

To.

Mankiran Assistant Professor, Microbiology DAV University, Jalandhar-Pathankot, National Highway, Jalandhar, Punjab 144012

Sub: Sanction of project amount for "Exploring the Role of Gut Microbiota in Dairy Cow Health and Milk Production" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 272460/- (Rupees Two Lakh SeventyTwo Thousand Four Hundred Sixty Only) as the budget-in-aid for the project entitled "Exploring the Role of Gut Microbiota in Dairy Cow Health and Milk Production".

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 A P ORGANICS LIMITED.

Authorized Signatory
HR For A P ORGANICS LIMITED

ATTESTED

Registrat

DAV University Johnsthar



BHAGWATI LACTO FOODS PRIVATE LIMITED

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

Sauction Order

Ref: APL/2023/26 Date: 30-03-23

To,

Meenu Sharma, Assistant Professor, English, DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Evaluating the Potential of Agroforestry for Sustainable Development" –Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 358290/- (Rupees Three Lakh FiftyEight Thousand Two Hundred Ninety Only) for the execution of the project entitled "Evaluating the Potential of Agroforestry for Sustainable Development".

As per the decision, an amount of Rs. 358290/- (Rupees Three Lakh FiftyEight Thousand Two Hundred Ninety Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project — "Evaluating the Potential of Agroforestry for Sustainable Development". The maximum duration of the project is not more than 10months.

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

DAV University, Jalandhar



Ref. No. ATL/Funding/2022

Dated: 08-05-22

Sanction Order

To,
Mehak Kohli
Assistant Professor, Computer Science and Engineering
DAV University
Jalandhar

Subject: Sanction of project amount for "Machine learning technique to deliver customized instructional content and activities"-Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 495605/- (Rupees Four Lakh NinetyFive Thousand Six Hundred Five Only) as the budget- in-aid for the project entitled "Machine learning technique to deliver customized instructional content and activities".

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. Itd



KISSAN FATS LIMITED

Ref: KFL/2023/39

Fazilka - Ferozpur Road Vill Ghubaya, Jalalabad, Punjab 152024

22.February.2023

Sanction Order

To,

Monika Menia, Assistant Professor, Agriculture Sciences, DAV University, Jalandhar - 144012

Dear Sir/Madam,

Subject: Project entitled "Utilizing Artificial Intelligence for Crop Disease Detection" -

Reg.

On behalf of the administrative decision, I wish to inform that KISSAN FATS LIMITED Pvt. Ltd. confers an amount of Rs. 412025/- (Rupees Four Lakh Twelve Thousand TwentyFive Only) for the execution of project entitled "Utilizing Artificial Intelligence for Crop Disease Detection".

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

KISSAN FATS LIMITED Pvt. Ltd.

ATTESTED Registrar DAV University, Jalandikur



Ref. No. HIL/2022-23/05

Dated: 19/03/2023

SANCTION ORDER

To, Monika Rana Assistant Professor, Microbiology DAV University, Jalandhar.

Subject: Funding approval for the implementation of project titled "Development of Probiotic Yogurt: Enhancing Nutritional Profiles with Novel Bacterial Strains"-Reg.

Dear Sir/Madam,

I am directed to convey the sanction to a sum Rs. 301500/-(2022-23) only in favour of Monika Rana, DAV University to meet recurring expenditure to implement a project titled "Development of Probiotic Yogurt: Enhancing Nutritional Profiles with Novel Bacterial Strains". 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

DAV University, Jalandhar

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



BHAGWATI LACTO FOODS PRIVATE LIMITED

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

Sanction Order

Ref: APL/2023/11 Date: 27-02-23

To,

Monika Supahiya, Assistant Professor, English, DAV University, Jalandhar – 144012

Subject: Amount sanctioned to execute project entitled "Influence of Food Safety Standards on Export Markets" - Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 224025/- (Rupees Two Lakh TwentyFour Thousand TwentyFive Only) for the execution of the project entitled "Influence of Food Safety Standards on Export Markets".

As per the decision, an amount of Rs. 224025/- (Rupees Two Lakh TwentyFour Thousand TwentyFive Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project — "Influence of Food Safety Standards on Export Markets". The maximum duration of the project is not more than 8months.

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.

Registrar
Registrar



X8CR+979, Mansa, Punjab 151505

Satluj Spintex Limited

Ref: SPL/2022-23/104

ORDER

Date: 06/09/2022

To, Mukul Panwar Assistant Professor, Physical Education, DAV University. Punjab.

Subject: Amount sanctioned to implementation of project titled. "Breathable and Moisture-Wicking Fabrics: Their Influence on Comfort and Performance During Physical Activity "-Reg.

Sir,

I am directed to convey the sanction of the total amount under the Delegation of Financial power rules to release an amount of Rs. 257295/- (Rupees Two Lakh FiftySeven Thousand Two Hundred NinetyFive Only) of Budget-in-aid to DAV University, INDIA towards initiation and implementation of the above-mentioned project i.e. "Breathable and Moisture-Wicking Fabrics: Their Influence on Comfort and Performance During Physical Activity" 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

SATLUL SPINTEX LIMITED

Authorized signatory

Registrar National Park University, Jalandhar

ARJAS MODERN STEEL PRIVATE LIMITED



Ref. No. ARJAS/12

Dated: 05-March-23

Sanction Order

To, Namrata Sanghwal, Assistant Professor, Education, DAV University Jalandhar

Subject: Amount sanctioned to implementation of project titled "Future Innovations in Steel Recycling"-Reg.

Dear Sir/Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 326825/-(Rupees Three Lakh TwentySix Thousand Eight Hundred TwentyFive Only) to be released as Budget-in-Aid from ARJAS MODERN STEEL PRIVATE 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.326825/-(Rupees Three Lakh TwentySix Thousand Eight Hundred TwentyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Future Innovations in Steel Recycling". The maximum duration of the project is not more than 90 days.

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 ARJAS MODERN STEEL PRIVATE LIMITED, Punjab.

(Managing Director) Authorized signatory

Registral
Registral
AV University, Ustandher

ARJAS MODERN STEEL PRIVATE LIMITED



Ref. No. ARJAS/19

Dated: 23-March-23

Sanction Order

To, Nand Lal, Assistant Professor, Education, DAV University Jalandhar

Subject: Amount sanctioned to implementation of project titled "Predicting the Impact of Renewable Energy on Steel Production"-Reg.

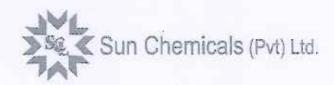
Dear Sir/Madam,

I am directed to convey the Administrative approval for the implementation of the above-mentioned project at a total budgetary outlay of Rs. 228050/-(Rupees Two Lakh TwentyEight Thousand Fifty Only) to be released as Budget-in-Aid from ARJAS MODERN STEEL PRIVATE 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.228050/-(Rupees Two Lakh TwentyEight Thousand Fifty Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Predicting the Impact of Renewable Energy on Steel Production". The maximum duration of the project is not more than 90 days.

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 ARJAS MODERN STEEL PRIVATE LIMITED, Punjab.

(Managing Director) Authorized signatory Registral
DAV University, Jalandhar



Order No: Sun/2021-22/10

Date: 24.01.2023

ORDER

To, Navpreet Kaur, Assistant Professor, Zoology DAV University, Jalandhar,

Subject: Amount sanctioned to execute project entitled " Study of Formulation Factors Affecting the Release Profile of Transdermal Patches" - Reg.

Dear Sir.

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.234210/- for the execution of the project entitled " Study of Formulation Factors Affecting the Release Profile of Transdermal Patches".

As per the decision, an amount of Rs.234210/- 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

- 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.

Laura Hone Form SUN INDCHEMICALS Manager

ATTESTED

DAV University, Jalandhar



JAIN AMAR CLOTHING PRIVATE LIMITED

Plot No - 64, Sector 44. Gurugram - 122 003

Ref: JACPT/10

06/12/2022

SANCTION ORDER

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

Sub: Sanction of project amount for "ML-Based Reminiscence Therapy Platform for Elderly Cognitive Health" - 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. 365575/- (Rupees Three Lakh SixtyFive Thousand Five Hundred SeventyFive Only) of Budget to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the project i.e. "ML-Based Reminiscence Therapy Platform for Elderly Cognitive Health". 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

Registrar

TAV University, Jalandhar



E 127 Ludhiana, Phase IV-A, Focal Point, Ludhiana, Punjab 141010

Ref. No. MM/2022/07

Dated: 14-Jul-22

Sanction Order

To, Ms. Pallavi Khanna Assistant Professor, Department of Psychology DAV University Jalandhar

Subject: Sanction Order against Project Entitled "Assisting the company in transitioning to digital platforms"-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. 3,24,565/- (Rupees Three Lakhs Twenty Four Thousand Five Hundred Sixty Five Only) to be released as Budget-in-Aid from METALMAN AUTO PRIVATE LIMITED, Ludhiana, 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. 3,24,565/- (Rupees Three Lakis Twenty Four Thousand Five Hundred Sixty Five) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Assisting the company in transitioning to digital platforms". The maximum duration of the project is not more than 90 days.

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 METALMAN AUTO PRIVATE LIMITED, Ludhiana, Punjab.

A Martha Kurar (R & D Director) Authorized Signatory

Registrar
DAV University, Jalandhar



Budhewal, Chandigarh Road, Ludhiana - 141112 (Punjab)

Ref-VSBL/28

Date:20.June.2022

ORDER

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

Subject: Sanction order for the implementation of project titled "The Future of Green Steel: Opportunities and Challenges"- Reg.

Dear Madam,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.297155/- (Rupees Two Lakh NinetySeven Thousand One Hundred FiftyFive Only) for the execution of the project entitled "The Future of Green Steel: Opportunities and Challenges"

As per the decision, an amount of Rs.297155/- (Rupees Two Lakh NinetySeven Thousand One Hundred FiftyFive Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director

DAY University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/88

26/February/2023

Sanction Order

To,

Payal Kapoor,

Assistant Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Sustainable Practices in Aquaponics and Hydroponics

Systems" - Reg.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 282145/- (Rupees Two Lakh EightyTwo Thousand One Hundred FourtyFive Only) as the budget-in-aid for the project entitled "Sustainable Practices in Aquaponics and Hydroponics Systems". As per the decision, an amount of Rs. 282145/- 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

Registrat

AV University, Jalandhar



Budhewal, Chandigarh Road , Ludhiana - 141112 (Punjab)

Ref-VSBL/48

Date:21.February.2023

ORDER

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

Subject: Sanction order for the implementation of project titled "Carbon Footprint Reduction Strategies in Steel Production"- Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.374445/- (Rupees Three Lakh SeventyFour Thousand Four Hundred FourtyFive Only) for the execution of the project entitled "Carbon Footprint Reduction Strategies in Steel Production"

As per the decision, an amount of Rs.374445/- (Rupees Three Lakh SeventyFour Thousand Four Hundred FourtyFive Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/19

29/May/2022

Sanction Order

To,

Prashant Shukla,

Assistant Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Exploring the Potential of Biodegradable Mulches in Crop

Production" - Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 437345/- (Rupees Four Lakh ThirtySeven Thousand Three Hundred FourtyFive Only) as the budget-in-aid for the project entitled "Exploring the Potential of Biodegradable Mulches in Crop Production". As per the decision, an amount of Rs. 437345/- 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

Registrar NV University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/49

18/November/2022

Sanction Order

To.

Priyanka,

Assistant Professor, Agriculture Sciences,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "Impact of Fertilizer Application Rates on Soil and Water

Quality" - Req.

Dear Madam,

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 359765/- (Rupees Three Lakh FiftyNine Thousand Seven Hundred SixtyFive Only) as the budget-in-aid for the project entitled "Impact of Fertilizer Application Rates on Soil and Water Quality". As per the decision, an amount of Rs. 359765/- 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

Registral Registral Condhar



Budhewal, Chandigarh Road , Ludhiana - 141112 (Punjab)

Ref-VSBL/53

Date:17.March.2023

ORDER

To
Puncet Sharma,
Assistant Professor,
Commerce Business Management and Economics,
DAV University
Punjab.

Subject: Sanction order for the implementation of project titled "The Impact of Industry 4.0 on Steel Manufacturing"- Reg.

Dear Sir,

I am very pleased to inform the decision taken on the administrative approval to sanction Rs.279600/- (Rupees Two Lakh SeventyNine Thousand Six Hundred Only) for the execution of the project entitled "The Impact of Industry 4.0 on Steel Manufacturing"

As per the decision, an amount of Rs.279600/- (Rupees Two Lakh SeventyNine Thousand Six Hundred Only) will be released as the budget-in-aid DAV University, Punjab for the execution of the project.

Managing Director

TAM University, Jalandhar



Malerkotla, Bhogiwal, Ludhiana Rd, Ludhiana, Punjab 148023

Ref: APL/2022/36

Date: 18-08-2022

Sanction Order

To,

Radha,

Assistant Professor, Education,

DAV University,

Jalandhar - 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Market Dynamics in Organic Farming: Opportunities and Challenges" – Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 238400/- (Rupees Two Lakh ThirtyEight Thousand Four Hundred Only) for the execution of the project entitled "Market Dynamics in Organic Farming: Opportunities and Challenges"

As per the decision, an amount of Rs. 238400/- (Rupees Two Lakh ThirtyEight Thousand Four Hundred Only) will be released as the budget-in- aid to DAV University, Jalandhar for the execution of the project – "Market Dynamics in Organic Farming: Opportunities and Challenges". The maximum duration of the project is not more than 5months.

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 SHAKTI APIFOODS PRIVATE LIMITED

Authorized Signatory HR SHAKTI APIFOODS Pvt. Ltd.

Registrar

BE INNERSON



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

DDIPL/2021-22/45

Date: 01/03/2023

SANCTION ORDER

To Radha, Assistant Professor, Psychology, DAV University

Subject: Amount sanctioned to implementation of project titled. "Software for identifying the amount of dust inhaled and analysis for lung cancer". Reg.

Madam.

I am directed to convey the Administrative approval for the implementation of the abovementioned project at a total budgetary outlay of Rs. 240400/- (Rupees Two Lakh Fourty Thousand Four Hundred 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. 240400/- (Rupees Two Lakh Fourty Thousand Four Hundred Only) of Budget-in-aid to DAV University, Jalandhar, Punjab, INDIA towards initiation and implementation of the above-mentioned project i.e. "Software for identifying the amount of dust inhaled and analysis for lung cancer". The maximum duration of the project is not more than 9 months.

Managing Director

ATTESTED

DAV University, Jalandhar

MEGASTAR FOODS LIMITED

Solkhian, Sahibzada Ajit Singh Nagar, Punjab 140108



18-10-2022

Ref: MSFL/IP/2022/33

Sanction Order

To, Rajan Sharma Associate Professor, Law and Legal Studies, DAV University Jalandhar — 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Challenges of Scaling Up Sustainable Agricultural Practices" – Reg.

Dear Sir,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 485360/-(Rupees Four Lakh EightyFive Thousand Three Hundred Sixty Only) for the execution of the project entitled "Challenges of Scaling Up Sustainable Agricultural Practices"

As per the decision, an amount of Rs. 485360/- (Rupees Four Lakh EightyFive Thousand Three Hundred Sixty Only) will be released as the budget-in-aid to DAV University, Jalandhar for the execution of the project – "Challenges of Scaling Up Sustainable Agricultural Practices".

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 MEGASTAR FOODS LIMITED

Authorized Signatory

HR

MEGASTAR FOODS LIMITED

Registrar

DAV University, Jalandhar



Grand Trunk Road, Hoshiarpur, Mukerian, Punjab 144211

Letter no: ISL/2022-23/23

04/June/2022

Sanction Order

To,

Rama Shankar.

Assistant Professor, Journalism & Mass Communication,

DAV University,

Jalandhar - 144012

Sub: Sanction of project amount for "The Role of Data Sharing in Agricultural Supply Chains" - Reg.

Dear Sir.

On behalf of the administration, I am pleased to inform that the committee has approved to sanction Rs. 459660/- (Rupees Four Lakh FiftyNine Thousand Six Hundred Sixty Only) as the budget-in-aid for the project entitled "The Role of Data Sharing in Agricultural Supply Chains". As per the decision, an amount of Rs. 459660/- 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

alistror

DAMELL sity, Jalandhar



Jodan Road, Village Daulatpur, Rasulpur, Punjab 147001.

Ref. No. GSA/2022-23/09

Date: 3/21/2023

Sanction Order

To,

Ramandeep Kaur, Assistant Professor, Computer Science and Engineering, DAV University, Jalandhar,

Subject: Amount sanctioned to implementation of project titled "Enhancing Data Security in the Plastic Industry: ASCII-Based Symmetric Algorithm Implementation"—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, 318055/- (Rupees Three Lakh Eighteen Thousand FiftyFive 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.318055/-(Rupees Three Lakh Eighteen Thousand FiftyFive Only) of Budget-in-aid to DAV University, Jalandhar, Punjab towards initiation and implementation of the above-mentioned project i.e. "Enhancing Data Security in the Plastic Industry: ASCII-Based Symmetric Algorithm Implementation". 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

.....lalandhar



BHAGWATI LACTO FOODS PRIVATE LIMITED

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

Sanction Order

Ref: APL/2022/21 Date: 01-11-22

To.

Vidya Pandey, Assistant Professor, Chemical Engineering, DAV University, Jalandhar – 144012

<u>Subject</u>: Amount sanctioned to execute project entitled "Analysis of Starch Extraction Techniques from Various Sources" – Reg:

Dear Madam,

I am very pleased to convey the decision taken upon the administrative approval to sanction Rs. 410150/- (Rupees Four Lakh Ten Thousand One Hundred Fifty Only) for the execution of the project entitled "Analysis of Starch Extraction Techniques from Various Sources".

As per the decision, an amount of Rs. 410150/- (Rupees Four Lakh Ten Thousand One Hundred Fifty Only) will be released as the budget- in-aid to DAV University, Jalandhar for the execution of the project - "Analysis of Starch Extraction Techniques from Various Sources". The maximum duration of the project is not more than 10months.

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 BHAGWATI LACTO FOODS PRIVATE LIMITED

Authorized Signatory HR

BHAGWATI LACTO FOODS Pvt. Ltd

Registrar

DAV University, Jalandhar