

### Consultancy Project 2020-21

S. No	Company Name	Name of Principal Investigator	Principal Investigator Department	Title of the Project	Duration of Project in Months	Year
1	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
2	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
3	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
4	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
5	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
6	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
7	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
8	Integral Biosciences Pvt Ltd	Dr Amit Singh	Department of Pharmacy	Evaluation of the potency of compounds to enhance T-cell proliferation and immune response in mouse splenocytes from Balb-C mice.	12	2020-2021
9	Highrise international pvt ltd	Dr. Shweta Thakur	Department of Law	Tax Management and Investment Planning for Salaried Employees	12	2020-2021
10	Highrise international pvt ltd	Mr. Nizam Khan	Department of Law	Reverse Charge Mechanism under GST	12	2020-2021
11	Highrise international pvt ltd	D Rajesh Kumar	Department of Computer Science and Engineering	Elderly Patient health monitoring using HIOT(Health IOT)	12	2020-2021
12	Navin Medicare Pvt Ltd	Dr. Anamika Pandey	Department of Management	Identification of Training Needs and Development of Training Systems and Assessment Tools	12	2020-2021
13	Navin Medicare pvt ltd	Dr. Amita Kohli	Department of Management	Formulation and Implementation of Digital Strategies in Healthcare Services	12	2020-2021

14	Wadhwa Dyes & Chemicals	Dr Kaushalendra	Department of Management	Development of an efficient and cost-effective biological method for the removal of synthetic dyes from industrial waste	12	2020-2021
15	Wadhwa Dyes & Chemicals	Dr Lalit Prasad	Department of Management	Separation of Congo Red and Orange Dyes from Waste Water by Nanoparticles	12	2020-2021
16	Wadhwa Dyes & Chemicals	Dr Pinki Chakraborty	Department of Management	Development of Chromogenic Functional Materials for thermally enabled luminescent properties	12	2020-2021
17	Wadhwa Dyes & Chemicals	Dr. Pratchi Singh	Department of Management	Bioremediation of waste water using effective bacterial consortium	12	2020-2021
18	Wadhwa Dyes & Chemicals	Dr Amit Singh	Department of Pharmacy	Optimization of developed virtual chemical laboratories	12	2020-2021
19	Wadhwa Dyes & Chemicals	K S Srikanth	Department of Mechanical Engineering	Vibration Analysis of Piezoelectric Materials	12	2020-2021
20	Wadhwa Dyes & Chemicals	Kapil Rajput	Department of Mechanical Engineering	DESIGN OF HYDRAULIC OPERATED BENDING MACHINE	12	2020-2021
21	Wadhwa Dyes & Chemicals	Dr Manish Kumar Dubey	Department of Bio Sciences	Bioremediation of textile dye procion red yellow by using selective bacteria	12	2020-2021
22	Wadhwa Dyes & Chemicals	K S Srikanth	Department of Mechanical Engineering	DESIGN OF WIND POWER ASSISTED IRRIGATION SYSTEM FOR GANGETIC PLAIN	12	2020-2021
23	Pratyaksh Interactive	Dr.Rajesh D	Department of Computer Science and Engineering	Efficient Rice Variety Identification Scheme Using Shape, Harlick & Color Feature Extraction and Multiclass SVM	12	2020-2021
24	Pratyaksh Interactive Solutions private limited	Dr.Munish Sabharwal	Department of Computer Science and Engineering	A convolutional neural network model for marble quality classification	12	2020-2021
25	Pratyaksh Interactive Solutions private limited	Dr.Meenakshi Sharma	Department of Computer Science and Engineering	Aesthetic Design and IoT integration for testing equipments	12	2020-2021
26	Pratyaksh Interactive Solutions private limited	Dr.Munish Sabharwal	Department of Computer Science and Engineering	Wheat varieties identification based on a deep learning approach	12	2020-2021
27	Pratyaksh Interactive Solutions private limited	Harivansh Chaudhary	Department of Civil Engineering	Installation of Solar Power Panels for a residential building	12	2020-2021
28	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr.Meenakshi Sharma	Department of Computer Science and Engineering	Image-Based Calorie Estimation using Deep Learning	12	2020-2021
29	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr.Anamika Pandey	Department of Management	A Unified Framework for Interpreting a Range of Motivation-Performance Phenomena	12	2020-2021
30	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr Amit Singh	Department of Pharmacy	Interior design of office block of TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	12	2020-2021
31	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr. Pramod Kumar Srivastava	Department of Pharmacy	Use of Social Media for Mining Public Opinion	12	2020-2021
32	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr.Meenakshi Sharma	Department of Computer Science and Engineering	Blockchain based Auditing Information System	12	2020-2021
33	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr.Anu Bala	Department of Computer Science and Engineering	Forecasting short-term electricity load using hybrid support vector regression with grey catastrophe and random forest modeling	12	2020-2021

34	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr.Usha Chauhan	Department of Electronics Communication and Engineering	Automation of fleet management system	12	2020-2021
35	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr.Anu Bala	Department of Computer Science and Engineering	Developing and testing inhibitors of curiosity in the workplace with the Curiosity Code Index (CCI)	12	2020-2021
36	M/S TRANSMAN (INDIA)	Lokesh Varshney	Department of Electronics Communication and Engineering	Performance Improvement of squirrel cage rotor of Three-- phase induction motor by design aspects	12	2020-2021
37	M/S TRANSMAN (INDIA)	K S Srikanth	Department of Mechanical Engineering	INVESTIGATION OF PHOTOCATALYTIC PERFORMANCE OF LEAD-FREE ELECTRO-CERAMICS FOR UNILAYER	12	2020-2021
38	M/S TRANSMAN (INDIA)	Dr.Anu Bala	Department of Computer Science and Engineering	Applying AI Techniques to the Familiarization Phase of Financial Decision Making	12	2020-2021
39	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr. A Ram pandey	Department of Mass Communication	Balancing Real-World Awareness and VR immersion in Mobile VR	12	2020-2021
40	TRICOLOR INDIA SCHAUSPIEL PRIVATE LIMITED	Dr. A Ram pandey	Department of Mass Communication	Immersive Technology in the Business Communication	12	2020-2021