Curriculum Vitae



1. General Information of Applicant

Name (In Capital Letters)	DINESH KUMAR NAURIYAL
Date of Birth (Day/Month/Year)	04-08-1957
Correspondence Address	Dept. of Humanities & Social Scs, IIT Roorkee, Roorkee-
	247667, Uttarakhand
Phone Nos.	Mobile No.: 9897179179
	Landline No.: 01332-285387 (W), 285258 (H).
Email	dk_nauriyal@yahoo.com dinesh.nauriyal@hs.iitr.ac.in

2. esent Position

a.	Designation	Professor
b.	Organization	Indian Institute of Technology Roorkee, Roorkee
c.	Pay Scale	Rs. 18400-500-22400 Revised to Rs. 67000-79000 (since Jan.01, 2013), Revised to Rs.79000 (HAG) since Jan01, 2013. Now L15 since 01-01-2016
d.	Date of Appointment of the present Post	25-06-2001
e.	Total Experience (In Years and Months)	19 years and 05 months in present position, and Over 43 years as total experience

S.No	Post held	Pay Scale	Organisation		Experience (in Yrs and Months)
]		L15 since 01-01-2016		Teaching, research and administration	19 yrs and 05 months

3. Educational Qualification (In chronological order from latest to Graduation level)

S.N	Qualification	University	Year	Subject(s) /	%	Distinctions
				Topic(s)	Achieved	etc.
1.		HNB Garhwal University,	1983	Economics	NA	NA
		Srinagar, Garhwal		_		
2.	M. A.	University of Lucknow	1977	Economics	60.77 %	2^{nd} position in
	D 4	XX 1 (X 1)	1075	. .		order of merit
3.	B. A.	University of Lucknow	1975	Economics,		
				Eng.(Lit.) Pol. Sc.	52.83%	

4. <mark>A</mark>	dministrative Experience/Po	st(s) & responsibilities held		
S.	Post	Organization/	Duration	Experience

Γ

No.		University	From (Date)	To (Date)	(In Years and Months)
1.	Vice-Chancellor	Kumaun University, Nainital	01.04.2017	14.05.2019	25 Months
2.	Vice Chancellor (Additional Charge)	Uttarakhand Open University, Haldwan	i	07-02-2019	6 Months 7 days
3.	Dean of Students' Welfare	e IIT Roorkee	09-05-2014	31-03-2017	2 yrs 10 months
4.	Chairman, Hospital Advisory Committee	IIT Roorkee	07-12-2007	12-08-2012	4 yrs and 9 months
5.	Head of the Department	Dept. of HSS, UOR and IITR	01-01-2000	31-12-2002	3 Yrs.
6.	Chairman, Board of	University of			
	Studies	Roorkee, Roorkee			
7.	Member, Board of	University of			
	Studies	Roorkee, Roorkee			
8.	Dean of Faculty				
9.	Member of Academic	University of Roorke	e until 2000		
	Council (Senate in IITR)	and Senate member of	of IIT		
		Roorkee after			
10.	Member of Executive	University of Roorke	e, 1996	2001	
	Council /Syndicate	HNB Garhwal University (As UGC Nominee)		2020	
11.	Member of Professional/	1.Indian Economic	Association,		Life Member for
	Academic Bodies	New Delhi			all of these
		2. Indian Association			
		Study of Population			
		3. Population Enviro			
		Research Network	·		
		4. Indian Society for			
		Development, Ne			
		5. Indian Politic Association, Ne	•		
12.	Others (Specify) Member of the Senate of NIT Kurukshetra	NIT Kurukshetra	2016	2019	

Administrative Positions Held: Few More Details

A. Vice Chancellor, Kumaun University, Nainital: As Vice Chancellor of Kumaun University, I pioneered the use of information technology and the complete automation of the admission, examination, and accounting systems. In addition, all degrees were uploaded to the NAD, the university's syllabi were radically revised, and three new employment-oriented programmes, M. Sc. in Forensic Science, Diploma in Cyber-Security, and M. A. in Criminology, were introduced. I have also established the SRIC (Sponsored Research and Industrial Consultancy) Cell, the D & P (Development and Planning) Cell, the DIC (Digital Initiatives Cell), and the AAIC (Alumni Affairs and International Collaborations) Cell. The formation of these cells boosted Kumaun University's development and growth tremendously.

B. Dean, Students' Welfare, IIT Roorkee (May 2014-March 2017). I pioneered innovative initiatives such as the Course Correction Approach, which replaced the system of financial penalties/expulsion from the hostel/institute for acts of indiscipline, alcoholism, and drug abuse. One key aspect of this was the implementation of mandatory yoga lessons in the mornings from 6-7 a.m. or the completion of community service projects (if yoga is not preferred for religious and other reasons) for the defaulting

students. The IIT community was really appreciative of this. A thorough effort to modernise the students' mess facilities had also begun, dramatically improving the quality, service, and atmosphere of the students' mess services. Students' counselling services were restored, and a specific "Academic Reinforcement Program" for academically poorer students was implemented, with positive results.

- **C.** Chairman, Hospital Advisory Committee, IIT Roorkee (Dec. 2007- Aug. 2012): During this tenure, the undersigned has taken bold initiatives in terms of gaps assessment and then accordingly mobilsed resources and invested them to substantially upgrade the existing services and introduced new services. For services not offered by IIT Roorkee Hospital, big and credible hospitals in Delhi, Punjab, Karnataka, West Bengal, U. P., and at few other places were identified and then MOUs were signed up with them to offer such services to the patients referred by IIT Roorkee. IIT Roorkee Hospital was also modernized and transformed into a highly professional body in terms service offered and delivered.
- D. Head, Dept. of Humanities & Social Sciences, IIT Roorkee for three years w.e.f. As Head of the Department of Humanities and Social Sciences at IIT Roorkee for three years, beginning on January 1, 2000, I introduced two new subjects, Philosophy and Sociology, while also enhancing the relevance of HSS disciplines in the overall engineering and science education curriculum. The Department organised the first international conference during this time period, which was presided over by His Holiness the Dalai Lama and attended by hundreds of delegates from India and throughout the world.
 - **E.** Member of the Senate, IIT Roorkee since Sept. 2001 Continuing.
 - **F.** Member of many Institute level committees such as Board of Industrial Research and Consultancy Committee, Enquiry Committees etc.
 - **G.** Also worked in the Dean Student Welfare administration at the Institute for two terms as Assistant Warden and Warden.
 - **H.** Member of a large number of Committees constituted by the Institute from time to time with active participation in Enquiry Committees, Institute Administrative Committee etc.
 - I. Member of the Senate of University of Roorkee: April 1994 -98 and 1999 Sept. 20, 2001.
 - J. Member of the Syndicate of University of Roorkee: 1996-1998 and 1999 Sept. 20, 2001.
 - **K.** Member of the Interim Board of Governors, IIT Roorkee until the constitution of a full-fledged BOG.

S,	Post	Organization/	Dura	Duration	
No		University	From (Date)	To (Date)	Yrs and Months
1.	Professor	IIT Roorkee	June 25, 2001	Continuing	Over 19 Yrs and 05 Months
2.	Associate Professor	University of Roorkee	09.04.1996	24.06.2001	5 Yrs.
3.	Reader	University of Roorkee	25.01.1994	08.04.1996	2 Yrs.
4.	Lecturer	University of Roorkee	31.08.1985	24.01.1994	9 Yrs.
5.	Lecturer	HNB Garhwal University, Srinagar	Sept. 1978	30.08.1985	7 Yrs.

5. (a) Academic/Teaching Experience & responsibilities (In chronological order from latest to oldest)

(b) Participation and contribution in relevant areas in higher education

	Organisation	Area of specialisation
Visiting Professor		
Resource Person	 Expert for the award of Post-Doctoral Fellowship of ICSSR Expert for the award of Major research Projects by ICSSR Reviewer for the ICSSR funded research project reports Chairman of the Committees set up by ICSSR for evaluating the working of 04 ICSSR institutes: Madras Institute of Development Studies, Chennai Centre for Economic and Social Studies, Hyderabad, Centre for Research in Rural and Industrial Development, Chandigarh. MP Institute of Social Science Research, Ujjain. 	Economics
Others (Specify)	 Chairman of the Committees constituted by UGC to evaluate the merit of the Autonomy proposals by the Colleges after onsite visits. Chairman for 05 NAAC Committees to inspect and recommend award of grades to the colleges/institutes/ universities Member of the GOI constituted Indian National Commission for Cooperation with UNESCO (INCCU) Member of the Committee constituted by MHRD, GOI for the establishment of Jaya Prakash Narayan Centre of Excellence 	

(d) Important MoUs formulated for academic collaborations:

S.	MoUs formulated	Name of Agencies/Departments	Year of MoU
No.		involved	
1.	MOU for faculty and Students Exchange	Kumaun University, Nainital and	2019
	Programme in Biotechnology, forestry,	Mendel Univerity Brno, Czech	
	Botany, and Zoology area	Republic	

(e) Position of Chairs:

S. No.	Name of Chair	Name of Agencies/Departments involved	Period of holding the Chair

6. International academic Exposure, if any

S. No.	Post/	Organization/	Area of Assignment		Durati	on
	Assignment	University		From	То	In Years & Months
						WIGHTINS

Subject Expertise: Economics of Gender, Migration, Human Capital, International Trade (Bilateral and Multilateral Issues), Intellectual Property Rights, Industrial productivity and efficiency etc.

Award and Honours:

A. Conferred 'Uttarakhand Ratan' by All India Conference of Intellectuals on June 25th, 2017.

- B. Outstanding Teacher of the Year Award for 2012 conferred by IIT Roorkee
- C. Conference President for Uttar Pradesh and Uttarakhand Economic Association (UPUEA) for 2014.
- D. Member of the Best Paper Award Review Committee, International Food and Agribusiness Management Review

Advisory Position(s):

Member of the GOI constituted Indian National Commission for Cooperation with UNESCO (INCCU), 2020-

Member of the Joint Advisory Committee of Indian Council of Social Science Research, India- National Research Council of Thailand.

Former Advisor to Japan International Cooperation Agency (JICA) and Japan Bank for International Cooperation (JBIC) for the Dedicated Freight Corridor Project (Mumbai to Hawrah) costing over Rs.60,000 crore. Responsible for studying the socio-economic aspects of Resettlement and Rehabilitation of the project affected population.

7. Scholarly achievements:

A. Contribution to 3	Journals and Books:
	Details
Books authored	1. Migration, Gender and Home Economics in Rural North India, Co-authored
	with Nalin S. Negi and Rahul Gairola, Routledge (Taylor and Francis
	Group), London, Nov. 2019.
	2. Dynamics of Occupational and Educational Mobility in India, co-authored
	with C. Kumar and S. P. Singh, Authors Press, New Delhi, 2016.
	3. Buddhist Thought and Applied Psychological Research: Transcending the
	Boundaries' published by Routledge (Taylor and Francis Group),
	London, Jan. 2006 simultaneously published in US and Canada as well. The
	book is fore-worded by HH Dalai Lama, and co-edited with Michael
	Drummond and Y. B. Lal
	4. 'Integrating Humanistic Values and Social Concerns with Technical
	Education' published by the Dept. of Humanities & Social Sciences,
	University of Roorkee, Roorkee in 2000. The book is co-edited with
	Sabiruddin and Asha Kapoor.
Member of the	• Member of the Joint Advisory Committee of Indian Council of Social Science
International	Research, India- National Research Council of Thailand.
Advisory Board	
	• Former Advisor to Japan International Cooperation Agency (JICA) and Japan
	Bank for International Cooperation (JBIC) for the Dedicated Freight Corridor
	Project (Mumbai to Hawrah) costing over Rs.60,000 crore. Responsible for
	studying the socio-economic aspects of Resettlement and Rehabilitation of the
	project affected population.

Publication:

A.I Kindly provide list of scholarly publications in recognised professional and/or academicjournals: Total Publications: 60. Only Selected Publications are Listed.

S.No.	Date	Title	Name of journal	Refereed journal or not	Number of Citations (where possible)
1.		Determinants of Farmers' Access to Extension Services and Adoption of Technical Inputs: Evidence from India (2021), Co- authored with Ankit Nagar and Sukhpal Singh,	Universal Journal of Agricultural Research 9(4): 127-137, 2021. DOI: 10.13189/ujar.2021.090 404	Yes	
2.	2020	'Integration and Interdependence Among Equity Markets in South Asia: Measuring Through ARDL Bounds Approach',	Millennial Asia Vol.12, No.2, pp.229-251, DOI: 10.1177/097639962095 2737	Yes	

		Coauthored with J. Vineesh Prakash,			
3.	2020	'Automotive Components Industry and Profitability Factors: Evidence from India' Coauthored with J. Vineesh Prakash.	Vision 1–15 © 2020 MDI Reprints and permissions: in.sagepub.com/journals -permissions-India DOI: 10.1177/097226292095 5007	Yes	
4.	2020	'Domestic Market Competitiveness of Indian Drug and Pharmaceutical Industry', Coauthored with Varun Mahajan and S. P. Singh,	Review of Managerial Science, pp. 1-41, DOI: 10.1007/s11846-018- 0299-7. 2018, Springer- Verlag GmbH Heidelberg, Tiergartenstr. 15-17, 69121 Heidelberg, Germany.	Yes	01

5	2019			Vaa	20
5.	2018	-	Review of Managerial	Yes	20
		and pharmaceutical industry	Science 12 (1), 167-202		
6.	2018		Mangin, The Lournal of	Yes	04
0.	2018		Margin: The Journal of Applied Economic	108	04
			Research 12 (1), 19-40		
		Pharmaceutical Industry	Research 12 (1), 19-40		
7.	2017		International Journal of	Yes	15
7.	2017	determinants in Indian drugs	0	105	15
		e	Healthcare Marketing,		
		and pharmaceutical moustry	Vol. 11 No. 3, 271-290.		
8.	2017	Assessing Financial	Emerging Economy	Yes	07
0.	2017	Integration of BRICS Equity		105	07
		Markets: An Empirical	Sinaics 5(2) pp.127 150.		
		Analysis			
9.	2017		Journal of East-West	Yes	06
			Business 23 (3), 283-		
		•	307		
		effects. Co-authored with			
		R Khurana			
10	2017	Migration and Remittances	Journal of Regional	Yes	03
		-	Development and		
		JV Prakash and AP Noushad	Planning 6 (2), 25		
11.	2017	Do innovative activities	Journal of Generic	Yes	01
		matter to Indian drug and	Medicines 13 (4), 193-		
		pharmaceutical firms? An	205		
		application to export			
		performance. Co-authored			
		with S Tyagi			
12.	2016	Profitability Determinants in	-	Yes	09
			Business and		
		Pharmaceutical Industry: An	Economics, 9 (17), 1-21		
		Analysis of Pre and Post			
10	0017	TRIPS Period'	· · · · ·		20
13.	2015	-	International Journal of	Yes	20
			Pharmaceutical and		
		e e	Healthcare Marketing,		
		- · · ·	Vol. 9 (2015), ISS 1 pp.		
1 /	2015	6	56–73.	Vaa	04
14.	2015	Efficiency trends in the Indian	•	Yes	06
		pharmaceutical industry in the new patent	Business Performance Management, Vol.16,		
		•	No.4 389-406.		
15.	2015	Software Exports from India:		Yes	03
15.	2015	An Econometric Exploration		100	05
		Co-authored with B K Sahoo			
		and S Mohapatara			
16.	2014	-	Journal of Intellectual	Yes	32
		and Pharmaceutical Industry:			
		-	(4), July 2014, pp.243-		
		Exports? Coauthored	252.		
		1 *			

	.				
17.	2014	of Technical Efficiency of Software Companies in India'	<i>Journal of Policy</i> <i>Modeling</i> , Vol. 36, Issue 3, May–June 2014, pp. 539–561	Yes	14
18.	2014	Technical Efficiency of Indian Drug and Pharmaceutical Industry: A Non-Parametric Approach' Coauthored	<i>Benchmarking</i> (Emerald), Vol. 21 Iss: 5, (2014), pp.734 – 755	Yes	23
19.	2014	1	<i>Eurasian Journal of Business and Economics</i> 2014, 7 (14), pp.29-50.	Yes	16
20.	2014		International Economics and Economic Policy, December 2014, Volume 11, Issue 4, pp 455-479, Springer.	Yes	10
21.	2010	Economic growth across Indian states: role of education, infrastructure and health. Co-authored with BK Sahoo	Inter-regional Disparities in India, 61	Yes	02
22.	2009	System and Process Review and Impact Assessment of NREGS in the state of Uttarakhand, Coauthored	Ministry of Rural Development, GOI	Yes	28
23.	2009		Indian Economic Journal, Vol.56, No.4, 2009 (Jan-March), pp.37-54.	Yes	04
24.	2008	Indian drug and	3rd Annual Conference of the EPIP Association, Bern, Switzerland— Gurten	Yes	12
25.	2007	Seed Biotechnology, Intellectual Property and Global Agricultural Competitiveness	Seeds of Change. CABI	Yes	03
26.	2006	Buddhist Thought and Applied Psychological	Book Published by Routledge (Taylor and Francis Group), London, Jan. 2006 simultaneously published in US and Canada.	Yes	42
27.	2006	patents act and Indian	<i>Indian Journal of Economics & Business</i> , India and China Special Issue pp.189-208, 2006	Yes	22

		R&D			
28.	2006	Ū.	Psychological Studies- 51 (4), 245	Yes	03
29.	2004	emerging paradigm in	<i>Psychological Studies,</i> National Academy of Psychology, India, Vol. 49, Nos. 2-3, April-June 2004, pp. 97-106.	Yes	32
30.	2004	Higher Education in the New Millennium: The Need for a Paradigm Shift	÷	Yes	04

A.II List of articles in popular magazines ornewspapers Total Articles: 02

Total Alteres. v2			
S.No.	Date	Title	Name of Magazine/
			Newspaper
1.	July 15, 1987	Import Substitution and International Trade'	The Economic Times, p.6
2.		Public Distribution System: Need for Restructuring'	The Cooperator

C. Participation and scholarly presentations in conferences: (Only latest being cited here) C.I National

S.No.	Date	Title of Conference or Institution	Title/Subject of presentation (if made)	
	· · ·		Health Care in India: Mounting	
	2018	Economic Association at New Delhi	Challenges and Pressing Imperatives	
		102 nd Annual Conference of Indian	Refuelling Development and	
	2019	Economic Association at Surat	Inclusiveness by Doubling Farmers'	
			Incomes: Can It Become A Reality?	

(C.II International				
	S.No.	Date	Title of Conference or Institution	Title/Subject of presentation (if made)	
		2019	Economic and Social Development' By National	Automotive Component Industry and Profitability Factors: Evidence from India	
		April 24- 26,2019	VIP Conference 2019 organised by Faculty of Regional Development and International Studies, Mendel University in Brno, Czech Republic	World R&D: The Emerging Power Centres	
			13th ICSSR-NRCT (Indian Council of Social Science Research and National Research Council of Thailand) joint seminar on "India-Thailand's Unexplored Opportunities" organized by the NRCT (Thailand) at Chiang Rai (Thailand)	Current Trends and Prospective	

2016	The 18th International Conference on Business, Economics, Finance, and Management (ICBEFM 2016) at Stockholm, Sweden	•
		Property Rights Regime
19 th -20 th	12th ICSSR-NRCT (Indian Council of Social	SMEs in India: A Great
Feb. 2018	Science Research and National Research	Potential but Dots Need to be
	Council of Thailand) joint seminar on 'India-	Connected
	Thailand: Commerce, Connectivity and Culture,	
	at Bodh Gaya, Bihar	

8. Research Projects:

S.No.	Client/Organisation's name	Nature of project	Duration of project	Amount of grant (Rupees)
1.	NIRD, Hyderabad	Assessment of Convergence Activities under MGNREGA in Uttarakhand", NIRD&PR, Hyderabad	1 year (2016-17)	11.32 lakh
2.	NIRD, Hyderabad	Impact Assessment of Watershed Development Projects in U. P.	1 year (2011-12)	25.00 lakh
3.	Ministry of Environment, Forest and Climate Change, GOI	Co-Principal Investigator of the Socio-Economic-Cultural (SEC) component of 'Ganga River Basin Management Plan' being executed by the consortium of seven IITs comprising IIT Roorkee, IIT Delhi, IIT Kanpur, IIT Bombay, IIT Kharakpur, IIT Guwahati and IIT Madras.		24.95 lakh
4.	UNDP	System and Process Review and Impact Assessment of NREGS in the State of Uttarakhand'	1 year (2008-09)	7.6 lakh
5.	UNDP	'Concurrent Evaluation of MGNREGS in the State of Uttarakhand'	1 year (2009-10)	12,87 lakh
6.	World Intellectual Property Organization (WIPO), Geneva	Impact of New Patent Regime on Indian Drug and Pharmaceutical Industry	1 year (2007-08)	5.00 lakh

7.	UGC, New Delhi	'A Search for the Determinants of	2 Yrs (2000-02)	2 Lakh
		the Household Fertility		
		Behaviour'		

10. Consulting experience:

List key consulting assignments undertaken:

S.No.	Client/ Organisation's name	Nature of assignment	Duration of assignment
1.	Damodar Valley Corporation, Chandrapura, Bokaro, Jharkhand	Training	Feb.13-25, 2010
2.	Rajasthan Rajya Vidyut Vitran Nigam Ltd.	Training Eleven consultancy projects on 'Customer Satisfaction, Communication and Outreach in the Public Sector Power Distribution	Oct. 13-17, 2005, Dec. 05-09, 2005, June 05-09, 2006, Jan 30-Feb.3, 2007, June 12-16, 17-21, 2007, 22-26, 2007, July 10-14, 2007, July 15-19, 2007
3.	Small Industries Development Bank of India (SIDBI),	Skill-cum-Technology Upgradation Programme	

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE



Outstanding Teacher Award-2012 To Professor D. K. Nauriyal

CITATION



Dr. D. K. Nauriyal, Professor of Economics in the Department of Humanities & Social Sciences, has been working at IIT Roorkee since 1985. He started his career as a lecturer in HNB Garhwal University, Srinagar and after sometime joined erstwhile University of Roorkee, now IIT Roorkee. He has published over 50 research papers in National and International journals and conferences and supervised eight Ph.D. works and currently supervising six Ph. D. scholars. He has organized 14 short term programmes, 11 Executive Development programmes and conducted 21 consultancy projects. He has delivered expert

lectures in different domains of Economics in the various universities and educational institutions across India.

Dr. Nauriyal has undertaken six major research projects awarded by The World Intellectual Property Ogranisation (Geneva), Ministry of Social Welfare (GOI), UGC, UNDP, and MORD (GOI). He is an active member of the Socio-Economic-Cultural (SEC) component of 'Ganga River basin Management Plan' being executed by the consortium of seven IITs. He had been Academic Advisor to Japan International Cooperation Agency (JICA) and Japan Bank for International Cooperation (JBIC) for one of the most ambitious projects of Indian Railways 'Dedicated Freight Corridor Project' supported BY JICA and JBC and Asian Development Bank.

Dr. Nauriyal is an academician more into interdisciplinary research as is suggested by his book coedited with Michael Drummond and Y. B. Lal and entitled as 'Buddhist Thought and Applied Psychological Research: Transcending the Boundaries' published by Routledge (Taylor and Francis Group), London, Jan. 2006 simultaneously published in US and Canada as well. He has also written two well acclaimed papers on the subject of 'Emotional Intelligence'.

His efforts to combine his field-based and other research experience with the teaching have provided him the reputation of an excellent teacher among the student community. He has been Head of the Department of Humanities & Social Sciences since Jan. 1, 2000 till Dec. 31, 2002. He has also worked as Chairman, Hospital Advisory Committee since Dec. 1, 2007 till Aug. 16, 2012 and has not only brought out significant improvement in the health-care facilities for the Institute community but has also initiated capacity building of the Institute Hospital.

It is, therefore, a great pleasure for IIT Roorkee to honour Dr. D. K. Nauriyal with **an Outstanding Teacher Award** on the Teachers Day, the 5th September 2012.



5th September 2012

No. of Research Scholars successfully guided : 11.

Name of Programme	Awarded (No.) (Under-progress not to be included)
Ph. D.	18

12. **Strengths (in 100 words)**

I think I have sharp academic, administrative and leadership insight which I could discern through my experiences as Dean of Students' Welfare, IIT Roorkee and Vice-Chancellor of Kumaun University, Nainital. I also believe that I am a man of integrity and do have a passion for introducing something innovative to benefit the various stakeholders. For instance, as a DOSW of IIT Roorkee, I had introduced the Course Correction Approach for students indulging in drug and other kinds of addictions and Academic Reinforcement Programme for the academically weak students. I have also added new courses such as Forensic Science, Cyber Security, Criminology and a Centre of Excellence for Himalayan Medicinal Plants in Kumaun University.

Place: Roorkee Date: Sept. 30, 2021.

(Signature of the Applicant)