

Quantum University
Annual Self- Performance Based Appraisal System (PBAS)
Session/Year 2018-19
 (To be completed and submitted at the end of each academic year)

PART A: GENERAL INFORMATION

- 1 Name (in Block Letters): **M. KANNAN**
- 2 Father's Name/Mother's Name / Husband's Name: **Mr. R. MANICKAN**
- 3 Department: **MECHANICAL**
- 4 Current Designation & Pay: **Sr. A.P.**
- 5 Date of joining:
- 6 Mob No: **9756315554** 7 Email: **mkananm@gmail.com**
- 8 Whether acquired any degrees or fresh academic qualifications during the year:

PART B: ACADEMIC PERFORMANCE INDICATORS

(Please see detailed instructions of this PBAS Performa before filling out this section)

CATEGORY: I University Results (50) (Exam held for Even sem Dec., 2018; Odd sem May 2019)

Benchmarking of results of subjects taught (+ 2 points for each + 1% difference from benchmark)
 (exclude RLA and absent in pass %)

Sr. No.	Class/ section	Course	No. of students	No. of pass	Pass %	Avg. Pass % of Last 3 years as benchmark	% Difference (x)	API Score (30+ -2x)
1	B.TECH ME III rd Yr	R.A.C	53	30	57	69	-12	6
2	B.TECH ME III rd Yr	H.M.T	34	34	100%	88%	+12	54
3	ME III rd Yr	E.T.D	30	24	81%	76%	+5	40
Average API score (Max 50)								33.34

HOD's Remarks (Confidential)..... **ok**

CATEGORY: II Lectures, Seminars, Tutorials, Practicals, Contact Hours (give semester-wise details, where necessary) (20)

(100 % = 20; 80% - 100% = 15; 70% - 80% 10; below 70% no score will be given)

Sr. No.	Course/Paper	Level	No. of classes allotted (N = classes per week) A = 10*N	No. of classes conducted B	% of Classes/ Practical taken as per record = (B/A)*100	Score
1	RAC	UG	5/w = 50	53	106%	20
2	HMT	UG	5/w = 50	56	112%	20
3	ETD	UG	4/w = 40	45	112.5%	20
4						
Average percentage performance (Max 20)					Average Marks	20

HOD's Remarks (Confidential)..... **ok**

Dean Academics Remarks (Confidential)..... **ok**

CATEGORY: III Percentage of courses in your discipline, offered as 1st or 2nd choice for teaching (20)
(90-100% - 20 points, 80-90% - 15 points, 60-80% - 10 points, 50-60% - 5points, < 50% - NIL) Not applicable to ASC&H

Total Courses	Courses offered as 1 st or 2 nd choice	Percentage	API Score
102	93		(Max 20) 20

HOD's Remarks (Confidential)..... gna

CATEGORY: IV Students' Feedback of Courses Taught (10)
(Actual out of 10)

Sr. No.	Course/ Paper	Level	Percentage Feedback
Average Feedback (Max 10)			4.5

Dean Academics Remarks (Confidential).....

CATEGORY: V Leaves availed during the Year (25)

(< Balance leave: +5 points per leave; due leave only: +2 point for planned and 0 point for emergency, each leave w/p : - 3 points for unplanned and -1 for planned EOL)

Casual Leaves				Without Pay/ EOL availed		API Score
CL Due	Availed as Planned	Availed in Emergency	Balance CL	Without Pay	Without Pay EOL	
15	6	9		1		
Score	12	0		-3		
Total Score (Max Score: +25, Min Score -0)						9

HOD's Remarks (Confidential).....

CATEGORY: VI Contribution to Management of Institution (25)

(Please mention your contribution to any of the following)

Participation in committees (Institute long duration >25days: member - 5 pts, chairman/convener -10 pts;
(Institute short duration <25days and Dept: member - 2 pts, chairman/convener, Placement Coord. - 7 pts)
Administrative responsibilities (Dean, Coordinator, Proctor, Chief Warden etc - 10 pts)

Class Advisor of > 40 students - 10, < 40 students-5, Lab. Incharge - 5pts, (Fest Convener 10, committee convener 5pts, members 2pts)

Sr. No.	Committee/ Responsibility	Your Role	Level: Institute/ Deptt.	API Score
1	Coordinator		Institute	10
2	Chief proctor		Institute	10
3	Dept. Festenets. Dhauhar		Dept.	5
4	project EX. - Dhauhar		Institute	5

Total (Max:25)				25

HOD's Remarks (Confidential)..... *ms*

CATEGORY: VII. Research, Publications and Academic Contributions (Max API 25 points)

A) Published papers in journals

Sr. No.	Title with Vol., Issue and page nos.	Name of Journal	International/ National	ISSN/ ISBN No	Impact factor, if any	No. of co-authors	Whether you are the main author	Points
1	Research on --- Composite materials	ISCRT	Int.	2320 2882		4	No	21.5

B) Full Papers in Conference Proceedings

Sr. No.	Title with page nos.	Details of conf. publication	ISSN/ ISBN No	No. of co-authors	Whether you are the main author	Points
1	Trends & Innovations in ATM - Review	TIME 2018		2	No	21
2	Throwing power - Study	"		2	yes	3
3	welding parameters	"		3	yes	3

C) Books Published as single author or as editor

Sr. No.	Title with page nos.	Type of book & Authorship	Publisher & ISSN/ISBN No	Whether peer reviewed.	No. of co-authors	Whether you are the main author	Points

D) Article / Chapters Published in books

Sr. No.	Title with page nos.	Book title, editor & publisher	ISSN/ ISBN No	Whether peer reviewed.	No. of co-authors	Whether you are the main author	Points

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Applied for - 03 patents - $10 \times 3 = 30$
 - 01 design patent - $10 \times 1 = 10$
E) Ongoing and Completed Research Projects and Consultancies (Amount) 40

Sr. No.	Title	Agency	Period	Grant / Amount mobilized (Rs. lakhs)	Whether document / patent as outcome	Points
1	DST-NIMAT (EAC Camp)	EDII	July 18 - March 19	Rs 1 Lakh	✓	10

F) Project/ Research Guidance

Research Guidance to	Number enrolled	Thesis submitted	Degree awarded	Points
M.Tech. or equivalent				
Phd or equivalent				

$= 40 + 10$
 $= 50$

G) Training Courses, Faculty Development Programmes (not less than one week duration)

S. No.	Type of Programme	Title of Programme	Duration	Organized by	Points

H) Invited lectures and Chairmanships at national or International conference/seminar etc.

Sr. No.	Title of Lecture / academic session	Title of conference / seminar etc.	Organized by	Whether international / national	Points

HOD's Remarks (Confidential).....

Dean Academics Remarks (Confidential)..... gm 2.

SUMMARY OF API SCORES

Category	Criteria	Annual Avg API score for assessment period
I	University Results (50 max)	33-34 ✓
II	Performance in Lectures, Seminars, Tutorials, Practicals (20 max)	20 ✓
III	Percentage of courses as 1 st or 2 nd choice & Feedback (20 max)	20 ✓
IV	Students' Feedback in Courses Taught (max 10)	4.5 ✓
V	Leaves availed during the semester (25 max)	9 ✓


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VI	Contribution to Management of Institution (25 max)	25 ✓
VII	Research, Publications and Academic Contributions (25 max)	25 ✓
VIII	Ease of working & responsiveness with HOD (max 10)	8.5 ✓
IX	Ease of working & responsiveness with Director (max 15)	14 ✓

Total = 79.67% Total 159.84

LIST OF ENCLOSURES: (Please attach. copies of certificates. sanction orders. papers etc. wherever necessary)

- 1.
- 2.
- 3.
- 4.

I certify that the information provided is correct as per records available with the Institute and/or documents enclosed along with the duly filled PBAS Performa.

Signature of the faculty
With Designation, & Date

HOD Remarks: Good.

Signature of HOD

Director Remarks 79.67%

Grade A ☒ (> 80%)

Grade B ☐ (> 70% and <80)

Grade C ☐ (> 60% and <70%)

Grade D ☐ (<60%)

Signature of Director

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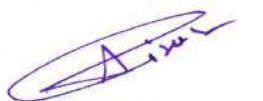


ACADEMIC PERFORMANCE INDICATORS (APIs)
GENERAL INFORMATION AND ACADEMIC BACKGROUND
DURATION: Academic Year - 2021 to 2022

PART A

Date:05/08/2022

1.	Name (in Block Letters)	HIMANSHU KANDPAL			
2.	Father's Name	Mr. HARI DUTT KANDPAL			
3.	Mother's Name	Mrs. PARWATI DEVI			
4.	Department/School	CIVIL ENGINEERING / SCHOOL OF TECHNOLOGY			
5.	Date of Joining	25 JAN 2018	6.	Current Designation	ASSISTANT PROFESSOR
7.	Grade Pay		8.	Date of Birth	07 JAN 1994
9.	Marital Status	SINGLE	10.	Place of Birth	NAINITAL
11.	Number of Wards		12.	Gender	MALE
13.	Category (Gen./SC/ST/OBC/Other)	GENERAL	14.	Nationality	INDIAN
15.	Address for Correspondence with PIN Code	QUANTUM UNIVERSITY ROORKEE PIN: 247661			
16.	Permanent Address With PIN Code	VAN CHOKI REHAR BHOWALI, NAINITAL UTTARAKHAND PIN: 263132			
17.	Mobile/Telephone Number	1. 9536356925 2. 8218321901			
18.	E-mail	1. himanshukandpal7579@gmail.com 2. himanshu.ce@quantumeducation.in			


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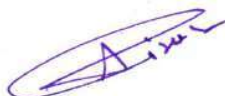


PART B
ACADEMIC PERFORMANCE

Category I: Teaching, Learning and Evaluation related Activities

S. No.	Nature of Activity	Max Score	Self-Assessment Score (to be filled by Employee)	Verified API Score (by the RO*)
1.	Lectures/seminars/tutorials/practical/contact hours undertaken (taken as percentage of lectures allocated)	50	50	
2.	Involvement in Department/School as per allotment (preparing time table, conduction of internal exams, invigilation, and proctoring at departmental level to maintain the discipline etc.)	10	10	
3.	Syllabus enrichment by providing additional resources to students (using videos, preparing notes, lecture plan, motivating participation in academic activities of University etc.).	15	15	
4.	Participation in DAPC* or involvement in updating curriculum/course contents, feedback form (alumni/parents/academicians/ industry person) for DAPC* related work etc.	10	10	
5.	Completion of LMS* related work as per schedule or on time (uploading of PPTs, lecture plan, graded assignments, weekly test, attendance, marks etc.).	15	15	
6.	End Semester Examination: Submission of question papers and evaluation of answer sheets within the prescribed period	10	10	
7.	Examination duties (invigilation, participation in conducting University exams. etc.) as per allotment.	15	15	
Total Score		125	125	
Minimum Score Required		100		125

DAPC*: Department Academic Program Committee
LMS*: Learning Management System
RO*: Reporting Officer


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ACADEMIC PERFORMANCE

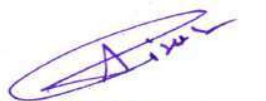
Category II: University Related Activities

University Responsibility (Any Designation Held)		Work Done (Y/N)	Score (10 per Job)	RO's Name	Verified API Score (by the RO with initials)
1	ASSISTANT PROFESSOR	Y	10		
2	UNIVERSITY DOCUMENT COORDINATOR	Y	10		
3	UNIVERSITY QUESTION PAPER COORDINATOR	Y	10		
4	UNIVERSITY GOOGLE CALENDER INCHARGE	Y	10		
Representation in University Core Committees		Work Done (Y/N)	Score (02 per representation in Committee)	RO's Name	Verified API Score (by the RO with initials)
1	ACER MEMBER	Y	02		
2	Dharohar Badminton Event Organiser	Y	02		
Any other work allotted by University		Work Done (Y/N)	RO's Name	Verified API Score (Marks will be given by RO based on nature and quantum of work with initials)	
1	GUEST LECTURE ORGANISED	Y		02	
2	Industrial Visit for Department Student	Y		02	
3	DISCIPLINE COMMITTEE MEMBER	Y		02	
4	WORKSHOP ORGANISED	Y		02	
5	NAAC CRITERIA I MAIN COORDINATOR	Y		02	
6	NSW EVENT MANAGEMENT	Y		02	
7	DEPARTMENT DHAROHAR EVENT MANAGEMENT	Y		02	
8	PROPS BADMINTON COORDINATOR	Y		02	

Summary of Part B

Category	Criteria	API Score of Last Academic Year	API Score for the Assessment Period	Average API Score
B.I	Teaching, Learning and Evaluation related Activities		125	125
B.II	University related Activities		20	60
Total				185

(HIMANSHU KANDPAL)
ASSISTANT PROFESSOR

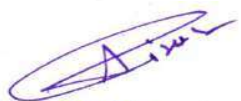

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(Comments of the Reporting Officer)

Since it is not working

Signature and Name of
HOD/ Principal,
Name of the Department with seal
Date: 08/08/2022


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PART C

RESEARCH PERFORMANCE

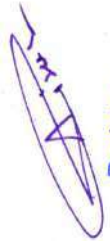
Google Scholar Id: 8YXCmyMAAAAJ	Date: 08/08/2022
Scopus Id:	Google Citation 66
	Scopus Citation

1. RESEARCH CONTRIBUTION:

i. Published Papers in Journals: (Web of Science/SCOPUS/PUBMED/ Indian Citation Index/ UGC) during the period.

S. No. of papers in journals: (web of science/ SCOPUS/ PUBMED/ Indian Citation Index/ UGC) during the period.																		
S. No	Title of Paper	QU Affiliated Authors	Journal Name	ISSN Number (Online/Print)	Volume	Issue	Page Number	Year	Indexing	Thomson Reuters impact factor only through (https://mj.clarivate.com/home)	Citation Index	H-Index	Number of citations excluding self-citation	DOI or Web Address	Type of Authorship	Claimed Score	Verified Score*	
1	A COMPARATIVE STUDY OF PARTIAL REPLACEMENT OF FRESH AGGREGATES WITH RECYCLED AGGREGATES IN CONCRETE	Himanshu Kandpal, Pavan Kumar Varshney, Vishal Pratap, Shubham Kumar, Iwansh Gupta	Dogo Rangsang Research Journal	2347 - 7180	12	5	85-92	2022	Group I					https://www.journaldogorangsang.in/		3	2.4	
2	Optimization Technique for Determining Reservoir Capacity	Himanshu Kandpal, Pavan Kumar Varshney, Vishal Pratap, Shubham Kumar, Iwansh Gupta	International Journal for Research in Engineering Application & Management (IJREAM)	2454 - 9150	8	2	148-151	2022						10.35291/2454-9150.2022.0188		3	2.4	
Total Score														6				4.8

Note: List to be Submitted in Separate Excel Sheet provided with the API Form



ii. Books and Chapters in Edited Volumes / Books Published during the period:

S. No.	Title of the book	Chapter (If any)	Editor & publisher	ISBN/ISSN No.	Whether peer reviewed	No. of co-authors	Whether you are main author (Yes or No)	Claimed Score	Verified Score*
1.	USE OF IOT Internet of Things	Cost Effective Vehicle Monitoring on Construction Sites using AI	Dr. Arpit Jain, Prof. (Dr.) Ratna Raja Kumar Jambi, Prof. (Dr.) B. K. Sarkar, Prof. (Dr.) Vivek Kumar	978-1-956861-10-5		3	No	12	5
Total Score								12	5

RESEARCH PERFORMANCE

iii. Papers in National/International Conference Proceedings during the period

S. No.	Title of Paper	Title of Conference	Editor & publisher	ISBN/ISSN No.	Whether peer reviewed	No. of co-authors	Whether you are main author (Yes or No)	Claimed Score	Verified Score*
1.									
2.									
Total Score									

iv. Ongoing & Completed Research Projects and Consultancies during the cycle.
Research Project

S. No.	Title of Project	Name of the Funding Agency	Duration (Year)	Date on sanction letter	Total grant sanctioned	Amount received in the Year	Category (Ongoing/ Completed)	Amount transferred to QU (Yes or No)	Claimed Score	Verified Score*
1.										
2.										
Total Score										
Consultancy										
S. No.	Name of Project	Consultancy	Consulting/Sponsoring Agency	Revenue Generated	Amount transferred to QU (Yes or No)	Claimed Score	Verified Score*			
1.										
2.										
Corporate Training										
S. No.	Title of Programme	Agency Seeking Training	Revenue Generated	Amount transferred to QU (Yes or No)	Claimed Score	Verified Score*				
1.										
2.										
Total Score										

RESEARCH PERFORMANCE

v. Research Guidance to Students during the period:

Research Guidance									
S. No.	Category	Number of Enrolled	Students	Dissertation (Number)	Submitted	Degree/ Awarded	Certificates	Claimed Score	Verified Score*
1	UG Students	8		8		AWARDED		8	
	PG Students								
	PhD Students								
Total Score								8	

vi. Patents published/awarded/applied during the period:

S. No.	Patent Title	Patent status	Patent Number	Date of Award	Claimed Score	Verified Score*
1.	Roof Eaves	Published	362149-001	07/04/2022	7	
2.	Space for building construction	Published	362150-001	17/06/2022	7	
3.	Ranging Rod	Published	362151-001	07/04/2022	7	
4.	Modified Slump Cone with Adjustable Levelling Base	Published	361065-001	23/03/2022	7	
5.	Slump flow table	Published	362282-001	11/04/2022	7	
6.	Multi Pointer Tool	Published	361611-001	31/03/2022	7	
7.	Multi Tasking Tool	Published	361066-001	23/03/2022	7	
8.	Pocket cap cork opener	Published	363500-001	01/05/2022	7	
9.	Raw rubber sheets for soil stabilization for slopes	Examination	201811033128	09/05/2022	7	
Total Score					63	

vii. Involvement in making any Government Documentation:

S. No.	Title of Document	Level (Center or State)	Specifications (if International Level)	Duration of Involvement	Claimed Score	Verified Score*
Total Score						

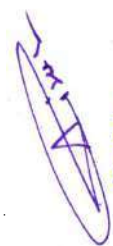
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RESEARCH PERFORMANCE

2. FACULTY DEVELOPMENT:

i. Conference/ E-Conference/ Workshop/ E-Workshop/ Symposia/ E-Symposia/ FDP /E-FDP/ EDP /Seminars/ Webinars/ Training Attended during the cycle

S. No.	Type (Conference/ E-Conference/ Workshop/ E-Symposia/ FDP /E-FDP/ EDP /Seminars/ Webinars/ Training)	Level (National/ International)	Name	Sponsored By	Organised at (Organization Name & Place)	Year	Date (From)	Date (To)	Participation/ Presented Paper/ Presented Poster/ Guest Speaker/ Chairmanship	Title of Paper/Poster	Claimed Score	Verified Score*
1	FDP	National	GIS & Remote Sensing	ATAL Academy	Institute of Engineering & Technology, Devi Ahilya University, Indore	2021	6/7/2021	10/7/2021	Participation		2.5	
2	FDP	National	Online Faculty Development Program in Association with AICTE in New & Emerging Technologies	ATAL Academy	ARK Infosolutions Pvt. Ltd.	2021	28/6/2021	2/7/2021	Participation		2.5	
3	FDP	National	Application of Sustainable Construction Engineering for Enhancing Durability of Existing Structures	ATAL Academy	Visvesvaraya National Institute of Technology	2021	19/7/2021	23/7/2021	Participation		2.5	
4	FDP	National	FDP on "Sustainable Construction Technology	ATAL Academy	Indian Institute of Technology Indore	2021	26/7/2021	30/7/2021	Participation		2.5	



5	FDP	National	Urban Hydrology	ATAL Academy	College of Technology, GB Pant University of Agriculture and Technology	2021	2/8/2021	6/8/2021	Participation	2.5
6	FDP	National	Recent Advances in Pavement Analysis, Design and Evaluation	ATAL Academy	Indian Institute of Technology Jodhpur	2021	20/9/2021	24/9/2021	Participation	2.5
7	Online course	National	Space technology and Applications	ISRO	IIRS Dehraun	2021	31/05/2021	4/6/2021	Participation	2.5
8	Workshop	National	Research Design Publication and IPR	Singad technical education society	Rasiklal M. Dhariwal Singad School of engineering	2021	28/07/2021	30/07/2021	Participation	2.5
Total Score										20

Note: List to be Submitted in Separate Excel Sheet provided with the API Form

ii. Details of Developed E Content:

S. No.	Name of Teacher	Name of Module	Platform on which module is developed	Date of Launching E-Content	Claimed Score	Verified Score*
Total Score						

RESEARCH PERFORMANCE

iii. Honors and recognition received by teachers (Received awards, recognition, fellowships at State, National, International level from Government/ Recognized Bodies during the year)

S. No.	Type (University/State/National/International)	Name of Award	Date of Award	Awarding Agency	Claimed Score	Verified Score*



Signature of Dean Research,
Date:

Enclosures with the API form: (To be attached by the Reportee)

1. Front page of the Published Articles
2. Front Page of Book and/or Chapter Published
3. Front Page of Conference Proceedings and front page of Paper Published
4. Acceptance Letter or Email of Project/Consultancies.
5. Bank Statement of Revenue Generation (If Revenue is directly transferred to University then not required).
6. Copy of proof for any claim made in the form.
7. Any other relevant document.

FINAL REPORT

Category	Criteria	Max. Score	Minimum to be scored by Assistant Professor Annually	Minimum to be scored by Associate Professor Annually	Minimum to be scored by Professor Annually	API Score of Last Academic Year	API Score for the Assessment Period	Annual Average API Score for the Assessment Period
B.I	Academic Performance (Teaching, Learning and Evaluation Related Activities)	150	100	125	125		125	
B.II	Academic Performance (University Related Activities)	*ND	*ND	*ND	*ND		60	
C.I	Research Performance (Research Contribution)	*ND	50	70	90		89	80.2
C.II	Research Performance (Faculty Development)	*ND	40	50	60		27.5	
Total			190	245	275		301.5	293.3
*ND: Maximum Score not Defined								

(Remarks of the Accepting Authority)

.....

(Seal & Signature of the Accepting Authority)
Name & Designation







**ACADEMIC PERFORMANCE INDICATORS (APIs)
GENERAL INFORMATION AND ACADEMIC BACKGROUND**

DURATION: Academic Year - 2022 to 2023

PART A

Date:

1.	Name (in Block Letters)	ADITYA LAMA			
2.	Father's Name	CHANDRA LAMA			
3.	Mother's Name	PASHPATI LAMA			
4.	Department/School	AGRICULTURE			
5.	Date of Joining	13 OCT, 2021	6.	Current Designation	ASSISTANT PROFESSOR
7.	Grade Pay		8.	Date of Birth	01/05/1990
9.	Marital Status	SINGLE	10.	Place of Birth	KALIMPONG
11.	Number of Wards	13	12.	Gender	MALE
13.	Category (Gen./SC/ST/OBC/Other)	ST	14.	Nationality	INDIAN
15.	Address for Correspondence with PIN Code	New Boys Hostel Quantum University Roorkee - 247661 Uttarakhand India			
16.	Permanent Address With PIN Code	H.L.Dixit Road, Lower Bong Busty, Kalimpong-734301 West Bengal			
17.	Mobile/Telephone Number	1. 6296884961 2. 8145446492			
18.	E-mail	1. adity.agr@quantumeducation.in 2. adlamakpg90@gmail.com			



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PART B
ACADEMIC PERFORMANCE

Category I: Teaching, Learning and Evaluation related Activities

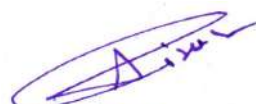
S. No.	Nature of Activity	Max Score	Self-Assessment Score (to be filled by Employee)	Verified API Score (by the RO*)
1.	Lectures/seminars/tutorials/practical/contact hours undertaken (taken as percentage of lectures allocated)	50	50	50
2.	Involvement in Department/School as per allotment (preparing time table, conduction of internal exams, invigilation, and proctoring at departmental level to maintain the discipline etc.)	10	10	8
3.	Syllabus enrichment by providing additional resources to students (using videos, preparing notes, lecture plan, motivating participation in academic activities of University etc.).	15	15	15
4.	Participation in DAPC* or involvement in updating curriculum/course contents, feedback form (alumni/parents/academicians/ industry person) for DAPC* related work etc.	10	10	10
5.	Completion of LMS* related work as per schedule or on time (uploading of PPTs, lecture plan, graded assignments, weekly test, attendance, marks etc.).	15	15	14
6.	End Semester Examination: Submission of question papers and evaluation of answer sheets within the prescribed period	10	10	10
7.	Examination duties (invigilation, participation in conducting University exams. etc.) as per allotment.	15	15	15
Total Score		125	125	122
Minimum Score Required		100		

DAPC*: Department Academic Program Committee

LMS*: Learning Management System

RO*: Reporting Officer




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ACADEMIC PERFORMANCE

Category II: University Related Activities

University Responsibility (Any Designation Held)		Work Done (Y/N)	Score (10 per Job)	RO's Name	Verified API Score (by the RO with initials)
1	Assistant Professor	Y	10	Dr. Gaurav Aggarwal	10
2	Startup and Incubation cell Coordinator	Y	10	Dr. Gaurav Aggarwal	10
3	Yukti Coordinator	Y	10	Dr. Gaurav Aggarwal	10
4	Hostel Warden	Y	10	Dr. Gaurav Aggarwal	10
5	Editorial in Chief (ICFIRTP-IEEE, 2022)	Y	10	Dr. Gaurav Aggarwal	2
6	Innovation Ambassador (IIC)	Y	10	Dr. Gaurav Aggarwal	2
Representation in University Core Committees		Work Done (Y/N)	Score (02 per representation in Committee)	RO's Name	Verified API Score (by the RO with initials)
1	BOS member	Y	02	Dr. Gaurav Aggarwal	2
2	IIC member	Y	02	Dr. Gaurav Aggarwal	2
3	Q-ACER member	Y	02	Dr. Gaurav Aggarwal	2
Any other work allotted by University		Work Done (Y/N)	RO's Name	Verified API Score (Marks will be given by RO based on nature and quantum of work with initials)	
1	NAAC Criteria 3.3.1, 3.3.2 and 3.7.2	Y	Dr. Gaurav Aggarwal	2	
2	Mentor 1 st Year T1	Y	Dr. Gaurav Aggarwal	2	
3	Dharohar Discipline Committee	Y	Dr. Gaurav Aggarwal	2	
4	Convocation Discipline Committee	Y	Dr. Gaurav Aggarwal	2	

Summary of Part B

Category	Criteria	API Score of Last Academic Year	API Score for the Assessment Period	Average API Score
B.I	Teaching, Learning and Evaluation related Activities	119	125 / 122	
B.II	University related Activities	16	66 / 58	
Total			180	



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(Signature of Applicant)
Name and Designation

(Comments of the Reporting Officer)

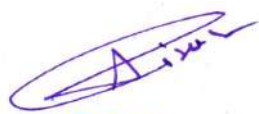
Satisfactory



Signature and Name of
HOD/ Principal,
Name of the Department with seal
Date:

Dr. Gaurav Aggarwal




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PART C

RESEARCH PERFORMANCE

Date: 05/08/2023

Google Scholar Id:	https://scholar.google.com/citations?user=vXv3eV8AAAAI&hl=en	Google Citation	03
Scopus Id:	58148204800	Scopus Citation	

1. RESEARCH CONTRIBUTION:

i. Published Papers in Journals: (Web of Science/SCOPUS/PUBMED/ Indian Citation Index/ UGC) during the period.

S. N o.	Title of Paper	QU Affiliated Authors	Journal Name	ISSN Number (Online/Print)	Volumes	Issues	Page Number	Year	Indexing	Thomson Reuters impact factor only through (https://mjcl.e-larivate.com/home)	Citation Index	H-Index	Number of citations excluding self-citation	DOI or Web Address	Type of Authorship	Classification Score	Verified Score*
1	Personal, Socio Economic, Psychological And Communicational Attributes Of The Farmers' Practicing Diversified Farming Systems (DFS)	Quantum University	International Journal Of Food And Nutritional Sciences	E-2320-7876	11	1	2320-7876	2022	UGC					https://ijfns.org/uploads/paper/b5290e8b78f5a53157e845cbede48917.pdf	Corresponding (First Author)	5.6	5.6
2	Analysis of Scientific Reviews on Mushroom Cultivation Alleviating Farmers Livelihoods.	Quantum University	International Journal Of Food And Nutritional Sciences	E-2320-7876	11	1	2320-7876	2022	UGC					https://ijfns.org/uploads/paper/7d9bfff51ba99fcb67d3b2f3a9fbbbf8.pdf	Corresponding (First Author)	5.6	5.6



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3	Soil Moisture and Monitoring Based Seasonal Watering Adjustment System.	Quantum University	Journal of Harbin Institute of Technology	0367-6234	54	2		2022	S C O P U S	http://hebydx.xb.periodical.s.com/index.php/JHIT/article/view/1190	First Author	17.5 5.6
Total Score												38.7

Total Score

28.7

Note: List to be Submitted in Separate Excel Sheet provided with the API Form

ii. Books and Chapters in Edited Volumes / Books Published during the period:

S. No.	Title of the book	Chapter (If any)	Editor & publisher	ISBN/ISSN No.	Whether peer reviewed	No. of co-authors	Whether you are main author (Yes or No)	Claimed Score	Verified Score*
1.	Farm Diversification- Scope and progress in hilly terai region		Dr. Aditya Lama and SSDN	978-93-9279-818-4	Yes	01	Yes	10	10
2.	Food and Nutritional achievements opportunities and Chanllanges (Vol.-III)	Food Security	Ms. Khusboo Gupta/Notion Press india Pvt. Ltd. TamilNadu	979-8889-090-052	Yes	01	No	5	5
3.	Food and Nutritional achievements opportunities and Chanllanges (Vol.-III)	Organic Agriculture with Sustainable Development	Ms. Khusboo Gupta/Notion Press india Pvt. Ltd. TamilNadu	979-8889-090-052	Yes	03	No	5	5
4	PLANTA – Research Book Series	Vertical Farming System	Association of Plant Science Researchers, Dehradun	978-81-953419-1-7	Yes	02	Yes	5	5
5	PLANTA – Research Book Series	Measures To Prevent Malnutrition From Agriculture- Nutrition Approach	Association of Plant Science Researchers, Dehradun	978-81-953419-1-7	Yes	03	No	5	5
6	PLANTA – Research Book Series	Soil and Water Conservation	Association of Plant Science Researchers, Dehradun	978-81-953419-1-7	Yes	03	No	5	5



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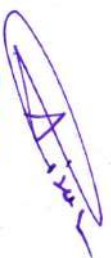
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7	Technological Advancement in Indian Agriculture		Dr. Aditya Lama, Dr. Gaurav Aggarwal and Dr. Avinash Varna/ Sankalp Publication	978-93-94901-91-9	Yes	02	Yes	08	8
8	Technological Advancement in Indian Agriculture	Emerging Technology in Advancement of Indian Agriculture	Dr. Aditya Lama, Dr. Gaurav Aggarwal and Dr. Avinash Varna/ Sankalp Publication	978-93-94901-91-9	Yes	01	Yes	5	5
9	Technological Advancement in Indian Agriculture	Breeding Methods and Seed Farming Technologies in Agricultural Crops	Dr. Aditya Lama, Dr. Gaurav Aggarwal and Dr. Avinash Varna/ Sankalp Publication	978-93-94901-91-9	Yes	03	No	5	5
10	Technological Advancement in Indian Agriculture	Pioneer Methods of Fruit Production in Modern Horticulture	Dr. Aditya Lama, Dr. Gaurav Aggarwal and Dr. Avinash Varna/ Sankalp Publication	978-93-94901-91-9	Yes	01	No	5	5
11	Technological Advancement in Indian Agriculture	Emerging Technologies for Integrated Pest Management	Dr. Aditya Lama, Dr. Gaurav Aggarwal and Dr. Avinash Varna/ Sankalp Publication	978-93-94901-91-9	Yes	01	No	5	5
12	Principles of Genetics	DNA Replication and Recombination	Book World	978-81-964005-0-7	Yes	01	Yes	5	5
13	Intellectual Property Rights: A new approach in Agriculture Growth	Role of IPR in Economic Development in India	Book World	978-81-964376-4-0	Yes	03	Yes	5	5
14	ROLE OF AGRICULTURAL SCIENCE IN COMMUNITY MOBILIZATION	Extension Education and Communicational Process in Agricultural Development	Book World	978-81-964005-4-5	Yes	01	Yes	5	5



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15	ROLE OF AGRICULTURAL SCIENCE IN COMMUNITY MOBILIZATION	Role of Agriculture Extension Officer in Agriculture Technology and Innovation filed among the Farmers in Community Development.	Book World	978-81-964005-4-5	Yes	01	Yes	5	5
16	ADVANCE TRENDS IN ORNAMENTAL HORTICULTURE	Introduction of Flower Crops: Classification and Importance	Book World	978-81-964005-2-1	Yes	03	Yes	5	5
17	Smart Technologies in Sustainable Agriculture	Hyperspectral remote sensing for forest management	Book World	978-81-964005-1-4	Yes	03	Yes	5	5
18	Smart Technologies in Sustainable Agriculture	Remote sensing in precision agriculture	Book World	978-81-964005-1-4	Yes	03	No	5	5
19	Agribusiness Development and Economic Transformation	Managing forms of Agribusiness Development	Book World	978-81-964005-8-3	Yes	01	Yes	5	5
20	Agribusiness Development and Economic Transformation	Agribusiness Develop for Rural Youth through Government Scheme	Book World	978-81-964005-8-3	Yes	02	Yes	5	5
21	Food Safety Management System	Food Sanitation And Personal Hygiene	Book World	978-81-964005-7-6	Yes	03	No	5	5
22	Food Safety Management System	Waste Disposal	Book World	978-81-964005-7-6	Yes	03	Yes	5	5
23	Frontiers in Sustainable Crop Production	Impact of covid-19 on India's agricultural development.	Book World	978-81-964005-9-0	Yes	03	Yes	5	5

24	Frontiers in Sustainable Crop Production	Current status of Indian Agricultural Issues and solutions.	Book World	978-81-964005-9-0	Yes	03	No	5	5
25	Soil and water conservation engineering	Wind erosion estimation and control	Book World	978-81-964005-6-9	Yes	03	No	5	5
26	Soil and water conservation engineering	Soil water effect and neutral stresses	Book World	978-81-964005-6-9	Yes	03	Yes	5	5
Total Score								142	142

RESEARCH PERFORMANCE

iii. Papers in National/International Conference Proceedings during the period

S. No.	Title of Paper	Title of Conference	Editor & publisher	ISBN/ISSN No.	Whether peer reviewed	No. of co-authors	Whether you are main author (Yes or No)	Claimed Score	Verified Score*
1.	E-waste, a Global Challenge: Its Management and Impact on Public Health in India	2022 International Conference on Fourth Industrial Revolution Based Technology and Practices (ICFIRTP)	IEEE	979-8-3503-4591-9	Yes	03	Yes	5	5
2.	Strained Junctionless MOSFETs: A Brief Review	2022 International Conference on Fourth Industrial Revolution Based Technology and Practices (ICFIRTP)	IEEE	979-8-3503-4591-9	Yes	03	No	5	5
Total Score								10	10

iv. Ongoing & Completed Research Projects and Consultancies during the cycle.

iv. Ongoing & Completed Research Projects and Consultancies during the cycle.										
Research Project										
S. No.	Title of Project	Name of the Funding Agency	Duration (Year)	Date on sanctionletter	Total grant sanctioned	Amount received in the Year	Category (Ongoing/ Completed)	Amount transferred toQU (Yes or No)	Claimed Score	Verified Score*
1.										
2.										
Total Score										
Consultancy										
S. No.	Name of Consultancy Project	Consulting/Sponsoring Agency	Revenue Generated	Amount transferred toQU (Yes or No)	Claimed Score	Verified Score*				
1.										
2.										
Corporate Training										
S. No.	Title of Programme	Agency Seeking Training	Revenue Generated	Amount transferred toQU (Yes or No)	Claimed Score	Verified Score*				
1.										
2.										
Total Score										
RESEARCH PERFORMANCE										

RESEARCH PERFORMANCE

v. Research Guidance to Students during the period:

v. Research Guidance to Students during the period:						
Research Guidance						
S. No.	Category	Number of Students Enrolled	Dissertation Submitted (Number)	Degree/ Certificates Awarded	Claimed Score	Verified Score*
	UG Students					
	PG Students					
	PhD Students					
Total Score						

vi. Patents published/awarded/applied during the period:

S. No.	Patent Title	Patent status	Patent Number	Date of Award	Claimed Score	Verified Score*
1.	Bakery Food comprising Quinoa	Published	202211035109	01/07/2022	7	
2.	Digit Classification and Dataset using Machine Learning	Published	202241044464	12/08/2022	7	
3.	Long Range Agricultural Spy Robot Vehicle with	Published	202241044465	12/08/2022	7	

	Night Vision						
4.	Sponge Cooler for Cooling Down the Temperature of Sponges	Published	202211044489	19/08/2022	7		
5.	READY-TO-EAT COMPOSITION	Published	202211059064	21/10/2022	7		
6.	A Ready To Serve Beverage With High Dietary Fiber	Published	202311039411	07/07/2023	7		
7.	An Improved Clay Ball Making Machine And A Method Thereof	Published	202311039412	07/07/2023	7		
8.	Beach Sand Cleaner	Published	385163-001	28/04/2023	7		
Total Score					56		

vii. Involvement in making any Government Documentation:

S. No.	Title of Document	Level (Center or State)	Specifications (if International Level)	Duration of Involvement	Claimed Score	Verified Score*
Total Score						

RESEARCH PERFORMANCE

2. FACULTY DEVELOPMENT:
i. Conference/E-Conference/Workshop/E-Workshop/ Symposia/ E-Symposia/ FDP /E-FDP/ EDP /Seminars/ Webinars/Training Attended during the cycle

S. No	Type (Conference/E-Conference/Workshop/E-Workshop/ Symposia/ E-Symposia/ FDP/ EDP/ Seminars/ Webinars/Training)	Level (National/ International)	Name	Sponsored By	Organised at (Organization Name & Place)	Year	Date (From m) DD/ MM/ YYYY	Date (To) DD/ MM/ YYYY	Participation/ Presented Paper/ Presented Poster/ Guest Speaker/ Chairmanship	Title of Paper/Poster	Claimed Score	Verified Score*
1	FDP	National	Effective Research Methodology and Publications	Just Agriculture	SGT University Gurugram	2023	13/02/2023	19/02/2023	Participated		2.5	2.5
2	FDP	National	Smart City Infrastructure & Sustainability	NBA/SCIS	Global Institute of Science and Technology	2023	16/01/2023	20/02/2023	Participated		2.5	2.5

3	Workshop	National	Three Days Workshop on "Research Information and Management System (RIMS)	INFLIBNET	INFLIBNET Centre, Gandhinagar, Gujarat	2022	10/08 /2022	12/08 /2022	Participated	Review on the use of Artificial Intelligence and expected benefits in the Agricultural sector	2.5	2.5
4	Conference	International	ICFIRTP 2022	IEEE UP Sector	Quantum University	2022	23/11 /2022	24/11 /2022	Presented	A Review of AI and Computer Vision in the Food Business	10	10
5	Conference	International	ICFIRTP 2022	IEEE UP Sector	Quantum University	2022	23/11 /2022	24/11 /2022	Presented	Evaluation of Tolerance Level of Air Pollution on Roadside Grown Plants by Biochemical Analysis in Roorkee, Uttarakhand	10	10
6	Conference	International	ICFIRTP 2022	IEEE UP Sector	Quantum University	2022	23/11 /2022	24/11 /2022	Presented	E-waste, a Global Challenge: Its Management and Impact on Public Health in India	10	10
7	Conference	International	ICFIRTP 2022	IEEE UP Sector	Quantum University	2022	23/11 /2022	24/11 /2022	Presented		10	10

8	Conference	International	ICFIRTP 2022	IEEE UP Sector	Quantum University, Roorkee	2022	23/11/2022	24/11/2022	Presented	10	10
9	Expert Talk on "Entrepreneurship and Startups"	State	Department of Mechanical Engg.	QU	Quantum University, Roorkee	2023	12/04/2023		Presented	35	5
Total Score										60.5	62.5

Note: List to be Submitted in Separate Excel Sheet provided with the API Form

ii. Details of Developed E Content:

S. No.	Name of Teacher	Name of Module	Platform on which module is developed	Date of Launching E-Content	Claimed Score	Verified Score*
Total Score						

RESEARCH PERFORMANCE

iii. Honors and recognition received by teachers (Received awards, recognition, fellowships at State, National, International level from Government/Recognized Bodies during the year)

S. No.	Type (University/State/National/International)	Name of Award	Date of Award	Awarding Agency	Claimed Score	Verified Score*
1	International	Best Thesis	13 th August	IARDO	10	10
Total Score					10	10

iv. Awards for Innovation, won by Institution/Teachers/Research Scholars/Students during the year

S. No.	Title of the innovation	Awarding Agency	Date of award	Category	Claimed Score	Verified Score*
1	The Wine Hour	The Genesis QUC	16 th May 2023	Product Based Startup	3	
2	Anagh	The Genesis QUC	16 th May 2023	Product Based Startup	3	

3	Royal Hemp	The Genesis QUC	16 th May 2023	Product Based Startup	3	
4	Nayan Bamboo	The Genesis QUC	16 th May 2023	Product Based Startup	3	
5	Veture Kart	The Genesis QUC	16 th May 2023	Agri Tech Based Startup	3	
6	Milleis Upshot	The Genesis QUC	16 th May 2023	Agri Based Startup	3	
7	Nutrition Adda	UKUM 2023 (Bhagwanpur Industries Association(BIA),IIT (Roorkee),Roorkee Small Scale Industrial Association(RSSIA)	20 th April 2023	Food Tech Based Startup	3	
Total Score					21	

V. Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

S. No.	Title of workshop/seminar	Date	Responsibility taken	Sponsored by	National/International	Claimed Score	Verified Score*
1	Digital Marketing	24/03/2023	Coordinator	The Genesis (QU)	National	7	
2	Four days 'Entrepreneurship Master Class' focused on MSME"	10 th , 14 th , 22 nd and 23 rd February 2023	Coordinator	The Genesis (QU)	National	7	
3	Founder Class (Interactive Session)	21-03-2023	Coordinator	The Genesis (QU)	National	7	
4	Entrepreneurial Ecosystem Awareness Program	16 th January, 2023	Coordinator	The Genesis (QU)	National	7	
5	Workshop on "Lean Start-up & Minimum Viable Product/Business" - Mentoring Session	05/09/2022	Coordinator	The Genesis (QU)	State	3	
6	Workshop on "Cloud Computing for AWS"	11/10/2022	Coordinator	The Genesis (QU)	National	7	
Total Score						35	

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RESEARCH PERFORMANCE

vi. No. of Incubation Centres created, Start-Ups incubated on campus during the year

S. No.	Incubation Centre	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement	Claimed Score	Verified Score*
1	The Genesis	The Wine Hour	QUIC	The Wine Hour	Product Based Startup	16 th May 2023	5	
2	The Genesis	Anagh	QUIC	Anagh	Product Based Startup	16 th May 2023	5	
3	The Genesis	Royal Hemp	QUIC	Royal Hemp	Product Based Startup	16 th May 2023	5	
4	The Genesis	Nayan Bamboo	QUIC	Nayan Bamboo	Product Based Startup	16 th May 2023	5	
5	The Genesis	Velure Kart	QUIC	Velure Kart	Product Based Startup	16 th May 2023	5	
6	The Genesis	Milleis Upshot	QUIC	Milleis Upshot	Agri Product Based Startup	16 th May 2023	5	
Total Score							30	30

SUMMARY OF SCORE PART B

Category	Criteria	API Score of Last Academic Year	API Score for the Assessment Period	Average API Score
C. I	Research Contribution	70	236.49.7 226.1	
C. II	Faculty Development	50	156.5	

(Signature of Applicant)
Name and Designation

Dr. Aditya Lama, Assistant Prof.

[Signature]
Registrar
Quantum University



Signature and Name of
HOD/ Principal,
Name of the Department with seal

Dr. Gaurav Aggarwal
Date:

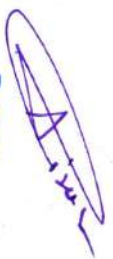
RESEARCH PERFORMANCE

(Comments of the Reporting Officer)

Signature of Dean Research,
Date:

Enclosures with the API form: (To be attached by the Reportee)

1. Front page of the Published Articles
2. Front Page of Book and/or Chapter Published
3. Front Page of Conference Proceedings and front page of Paper Published
4. Acceptance Letter or Email of Project/Consultancies.
5. Bank Statement of Revenue Generation (If Revenue is directly transferred to University then not required).
6. Copy of proof for any claim made in the form.
7. Any other relevant document.


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Quantum University

