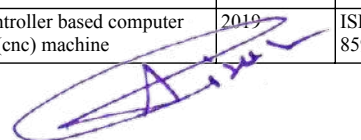
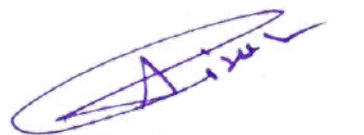


3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years							
Institutional Link of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters for Academic Year 2019-2020							
Sl. No.	Name of the teacher	Title of the book published	Title of the Chapter published	Year of publication	ISBN/ISSN number of the	Name of the publisher	University Website link
1	Tarun Nehra Vimal Chaudhary	Advances in Agriculture and Natural Sciences for Sustainable Development	Design And Construction Of Swales In Hilly Regions	2019	ISBN: 978-93-85933-95-0	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/53.pdf
2	N. Murugalatha , Anjali Rinke Arya , Muralitharan, Naveen Chandra	Advances in Agriculture and Natural Sciences for Sustainable Development	Study On Effects Of Panchagavya On Vegetable Crop (potato) A short Communication	2019	ISBN: 978-93-85933-95-0	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/54.pdf
3	Naveen Chandra , Anoop Badoni , Vinay Chamoli, Javed Khan , Naman Joshi	Advances in Agriculture and Natural Sciences for Sustainable Development	Effect Of Different Doses Of Fym Flower Yield Of Marigold (Tagetes Erecta L.) CV. HAWAIL	2019	ISBN: 978-93-85933-95-0	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/55.pdf
4	Renu Yadav, Anubhav Jain, Priyadarshani Gupta, Udit Tivari and Darshika Nigam	Advances in Agriculture and Natural Sciences for Sustainable Development	The detection of Phenol by using Tyrosinase immobilized sodium alginate beads	2019	ISBN: 978-93-85933-95-0	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/56.pdf
5	Vinay Chamoli, Anoop Badoni , Naveen Bahuguna , Naman Joshi	Advances in Agriculture and Natural Sciences for Sustainable Development	Finger Millet (eluesine Coracana) Nutritional Status, Health Benefits And Processing Status - A Review	2019	ISBN: 978-93-85933-95-0	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/57.pdf
6	Mohd Vaseem, Gulshan Chauhan Rajneesh Raghav	Trends and Innovation in Mechanical Engineering	Optimization of national highway	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/58.pdf
7	Mukesh Kumar , Naveen Rana	Trends and Innovation in Mechanical Engineering	Some studies on the performance of activated tig welding in steel weldment	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/59.pdf
8	Mukesh Kumar , Gulshan Chauhan	Trends and Innovation in Mechanical Engineering	Lean manufacturing system to enhance performance in Pperations: An empirical study on plywood and blockboard industry	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/60.pdf
9	Gulshan Chauhan , Mohd. Vaseem	Trends and Innovation in Mechanical Engineering	Stream conservation study of sugar industry	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/61.pdf
10	Rohit Kushwaha , Ankur Kukreti and Nidhi Srivasrava	Trends and Innovation in Mechanical Engineering	Innovation in purchase planned behavior for branded products among youths and adults	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/62.pdf
11	Mohd Vaseem, Gulshan Chauhan Sachidanand Mishra	Trends and Innovation in Mechanical Engineering	Optimization of railway container yard	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/63.pdf
12	Vivek Kumar Sharma	Trends and Innovation in Mechanical Engineering	An experimental investigation into the performance of electro -chemical machining [ECM]	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/64.pdf
13	Karan Babbar and Sarvendra Kumar	Trends and Innovation in Mechanical Engineering	Stress computation --A matrix approach	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/65.pdf
14	Ravi Kumar Goel, Saurabh Khotiyan, Surinder Kumar	Trends and Innovation in Mechanical Engineering	Effect of ethanol on the two stroke petrol engine	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/66.pdf
15	Naveen Rana Mukesh Kumar	Trends and Innovation in Mechanical Engineering	Development and prospect in the solar energy sector in india	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/67.pdf
16	Naveen Rana Mukesh Kumar , Rajneesh Raghav	Trends and Innovation in Mechanical Engineering	Prospect of Offshore wind power in india	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/68.pdf
17	Vipin Kumar Singh, Krishna Kant Kanaujia, Rajneesh Raghav	Trends and Innovation in Mechanical Engineering	Fulfill student energy need in matraiye hostel of sultanpur	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/69.pdf
18	Pankaj Dheer Singh, Hemant Kumar, Chandra Veer Singh	Trends and Innovation in Mechanical Engineering	Wear characterization of aluminium based netal metrix composite reinforced with in-situ {iron ore} alumina particles	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/70.pdf
19	Raunak Gupta, Raghuraj Singh, Dr PL Verma, Saurabh Khotiyan	Trends and Innovation in Mechanical Engineering	Identification and exploitation of constraint in the delayed delivery of project-A case study	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/71.pdf

3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years							
Institutional Link of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters for Academic Year 2019-2020							
Sl. No.	Name of the teacher	Title of the book published	Title of the Chapter published	Year of publication	ISBN/ISSN number of the	Name of the publisher	University Website link
20	Rajneesh Raghav, Vipin Kumar Singh, Mohd. Vaseem	Trends and Innovation in Mechanical Engineering	Graphene based materials: synthesis , environmental and biological toxicity and biomedical applications	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/72.pdf
21	Rajneesh Raghav, Vipin Kumar Singh, Raunak Gupta, Naveen Rana	Trends and Innovation in Mechanical Engineering	Optimizing parameters of electrical discharge machining on stainless steel 304 by copper alloy tools using response surface methodology	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/73.pdf
22	Varun Malik	Trends and Innovation in Mechanical Engineering	Air flow optimization over a car by wind tunnel	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/74.pdf
23	Shakti Singh Gautam, Ravi Goel, Surinder Saini	Trends and Innovation in Mechanical Engineering	Effective machinability on electrochemicals machining	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/75.pdf
24	Surinder Kumar Ravi Goel Shakti Singh Gautam	Trends and Innovation in Mechanical Engineering	Change in the properties of a357 through alloying elements	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/76.pdf
25	Shakti Singh Gautam Surinder Kumar	Trends and Innovation in Mechanical Engineering	Static and free vibration study of laminated composite	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/77.pdf
26	Surinder Saini , Ravi Goel, Shakti Singh Gautam	Trends and Innovation in Mechanical Engineering	Power window design for a four wheeler	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/78.pdf
27	Saurabh Kumar Khotiyan Vishwarya Dutt, Raunak Gupta	Trends and Innovation in Mechanical Engineering	A Review on Friction Stir Welding Process Compared With Tig And Mig	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/79.pdf
28	Saurabh Kumar Khotiyan, Raunak Gupta, Vishwarya Dutt	Trends and Innovation in Mechanical Engineering	A Check to Find Out the Better Welding Technique Among Tig And Mig for Aluminum Alloy	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/80.pdf
29	Dr. Renu Chaudhary Dr. Rajendra Kumar	Trends and Innovation in Mechanical Engineering	Damped vibrations of an isotropic circular plate of parabolically varying thickness on elastic foundation	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/81.pdf
30	Ravi Kumar Goel Surinder Kumar	Trends and Innovation in Mechanical Engineering	Optimization Of Metal Matrix Composite Through Alloying Elements	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/82.pdf
31	Mohd. Vaseem, Chanderkant Vaid, Azam, Lakshya Giri	Trends and Innovation in Mechanical Engineering	Solar Powered Autonomous One Wheel Drive	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/83.pdf
32	Vivek Kumar Sharma Kaushik Karan Jay Sharma	Trends and Innovation in Mechanical Engineering	Recent trends in Go-kart Design and Manufacturing	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/84.pdf
33	M. Kannan , Ashutosh Sharma, Raunak Gupta, Rajneesh Raghav Tamta	Trends and Innovation in Mechanical Engineering	Welding parameters effect on the microstructure of gas tungsten arc welded thin mild steel sheets	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/85.pdf
34	Vipin Kumar Singh Rajneesh Raghav, Ankur Jain	Trends and Innovation in Mechanical Engineering	Analysis of hydrodynamic of hard disk drive	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/86.pdf
35	Neetu Saini	Trends and Innovation in Mechanical Engineering	Characterization of silicon carbide reinforced aluminum alloy matrix composites	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/87.pdf
36	M. Kannan , Dr. Satyendra Singh, Dr. R.R. Prasad	Trends and Innovation in Mechanical Engineering	Study of throwing power and hardness of electrodeposited zinc-nickel-alumina nanocoating on mild steel -aisi 1144	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/88.pdf
37	Jaspreet Srivastava , Mayur Srivastava Sandhya Samant	Trends and Innovation in Mechanical Engineering	Neural networks & reinforcement learning in robotics: a	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/89.pdf
38	Ankur jain	Trends and Innovation in Mechanical Engineering	Study on fanuc controller based computer numerical control (cnc) machine	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/90.pdf


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3.4.5 Number of books and chapters in edited volumes published per teacher during the last five years							
Institutional Link of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters for Academic Year 2019-2020							
Sl. No.	Name of the teacher	Title of the book published	Title of the Chapter published	Year of publication	ISBN/ISSN number of the	Name of the publisher	University Website link
39	Vivek Kumar Sharma , Manudhar Ranjan Verma, M. Kannan		Trends and innovations in abrasive jet machining-a review	2019	ISBN: 978-93-85933-96-7	Nano Edge Publication, Meerut	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/91.pdf
40	Dr. Anoop Badoni	Climate Change and Sustainable Agriculture		2019	ISBN – 978 – 81 – 939673 – 1 – 7	S F Publication	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/92.pdf
41	Naveen Chandra and Vinay Chamoli	Climate Change and Sustainable Agriculture	ROLE OF UNDERUTILIZED HORTICULTURAL CROPS AND THEIR IMPACT OF ECOTOURISM IN INDIA,	2019	ISBN – 978 – 81 – 939673 – 1 – 7	S F Publication	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/93.pdf
42	Khan, J.A. , Abulreesh, H.H., Kumar, R., Samreen, Ahmad, I.	<u>Antibacterial Drug Discovery to Combat MDR</u>	Antibiotic Resistance in Campylobacter jejuni: Mechanism, Status, and Public Health Significance	2019	978-981-13-9871-1	Springer, Singapore	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/94.pdf
43	Mukesh Kumar, Gulshan Chauhan, M. Kannan and Pardeep Sharma	Its National conference on Emerging trends in Mechanical Engineering Research NCETMER-2019	Erosive Wear Behaviour of Thermal Sprayed Nickel and Aluminium Coatings by using Detonation Gun	2019	978-93-88237-77-2	EXCEL INDIA PUBLISHERS New Delhi	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/95.pdf
44	Dr. Ram Singh	Impact of COVID - 19 on Global Economy	Benefits & Challenges of Digital India: A Study	2020	978-81-945437-0-1	INSPIRA (IRA)	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/96.pdf
45	Dr. Ram Singh	Emerging issues in Business management		2020	978-81-944303-9-1	National Press Association	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/97.pdf
46	Dr. Ram Singh	Emerging issues in Business management	Mutual Fund Industry in India: An Overview	2020	978-81-944303-9-1	National Press Association	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/98.pdf
47	Dr. Ram Singh	New Paradigm in Business and Education	Industry 4.0 in India: Challenges & Opportunities	2020	978-81-944303-8-4	National Press Association	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/99.pdf
48	Dr. Ram Singh	New Horizons in Commerce, IT & Social Sciences Vol.-2	Study of Privatization in Indian Higher Education: Pros & Cons	2020	978-81-944303-6-0	National Press Association	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/100.pdf
49	Dr. Ram Singh	Digitalisation & Innovations in Business	Financial Innovation in India: A Conceptual Study	2020	978-81-944813-1-7	Empyrean Publishing House, Delhi	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/101.pdf
50	Ayush Sahay, Tanupriya Choudhury, Vivek Kumar	<u>International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)</u>	Hierarchical Evolution of Digital Games	2020	978-1-7281-3778-0	IEEE	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/102.pdf
51	Arora, M., Kumar, V. , Dave, M.	Fourth World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4 2020)	Task scheduling in cloud infrastructure using optimization technique genetic algorithm	2020	978-1-7281-6824-1	IEEE	https://iqac.quantumuniversity.edu.in/media/docs/c3/3.4.5/books/103.pdf


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