

Department of Electrical and Electronics Engineering
College of Engineering and Technology
SRM Institute of Science and Technology

LIST OF FACULTY PUBLICATION

Sl. No	Name of the faculty	2019-2020			2018-2019			2017-2018			Citation Index				
		No. of Publications (scopus indexed)	No. of Publications (WOS indexed)	Total Publications	No. of Publications (scopus indexed)	No. of Publications (WOS indexed)	Total Publications	No. of Publications (scopus indexed)	No. of Publications (WOS indexed)	Total Publications	Total publications for three years	Total Citations in scopus	Total Citations in Google scholar	h-index	i10-index
1	Dr. K. Vijayakumar	17	10	27	20	5	25	27	6	33	85	465	394	11	16
2	Dr. A. Rathinam	0	0	0	0	0	0	2	0	2	2	54	131	5	4
3	Dr. R. K. Pongiannan	1	0	1	6	1	7	0	0	0	8	6	127	5	3
4	Dr. N. Chellammal	1	1	2	2	5	7	1	1	2	10	43	69	5	2
5	Dr. C. S. Boopathi	10	3	13	3	3	6	2	2	4	23	70	24	6	1
6	Dr. Y. Jeyashree	1	0	1	1	1	2	1	0	1	4	23	22	3	0

7	Dr. D. Suchitra	1	0	1	4	2	6	0	0	0	7	3	10	3	2
8	Dr. R. Sridhar	4	1	5	7	4	11	5	2	7	23	241	440	9	13
9	Dr. D. Sattianadan	4	1	5	2	1	3	0	0	0	8	44	13	4	2
10	Dr. C. Bharatiraja	6	3	9	10	9	19	11	6	17	45	489	446	11	15
11	Dr. J. Preetha Roselyn	2	2	4	5	1	6	3	2	5	15	115	403	4	7
12	Dr. C. Subramani	6	2	8	20	2	22	13	2	15	45	561	754	11	22
13	Dr. K. Saravanan	0	0	0	7	0	7	3	0	3	10	18	13	2	0
14	Dr. M. Jagabar Sathik	10	12	22	7	5	12	4	2	6	40	236	366	6	12
15	Dr. K. Mohanraj	1	0	1	3	1	4	1	0	1	6	15	6	3	1
16	Dr. Arun Noyal Doss	1	0	1	3	1	4	1	0	1	6	48	64	5	1
17	Dr. S. Padmini	0	0	0	5	1	6	0	0	0	6	50	55	5	1
18	Dr. S. Vidyasagar	7	2	9	3	3	6	3	0	3	18	36	50	4	1
19	Dr. N. Kalaiarasi	0	0	0	5	1	6	1	0	1	7	26	37	4	1
20	Ms. R. Rajarajeswari	1	0	1	6	1	7	1	0	1	9	2	47	1	2
21	Ms. S. Shanmugapriya	1	0	1	3	0	3	3	0	3	7	0	0	0	0
22	Ms. S. Vijayalakshmi	1	0	1	0	2	2	3	0	3	6	0	0	0	0
23	Ms. R. Uthra	0	0	0	6	0	6	0	0	0	6	0	0	0	0
24	Dr. V. Kalyanasundaram	6	1	7	3	2	5	2	0	2	14	14	0	2	1
25	Dr. R. Brindha	2	0	2	2	1	3	5	0	5	10	23	0	3	0

26	Mr. R. Senthilkumar	0	0	0	3	0	3	0	0	0	3	6		1	0
27	Dr. J. Divyanavamani	0	1	1	7	2	9	6	2	8	18	71	22	5	1
28	Ms. A. Lavanya	0	1	1	6	2	8	4	1	5	14	55	76	4	2
29	Mr. S. Senthil Murugan	4	0	4	1	0	1	0	0	0	5	13	0	2	0
30	Ms. K. Subha Sharmini	0	0	0	5	0	5	2	0	2	7	3	0	1	0
31	Dr. D. Maharajan	1	0	1	0	0	0	0	1	1	2	2	2	1	0
32	Ms. C. Nithya	2	0	2	0	0	0	1	0	1	3	7	0	2	0
33	Ms. P. Sivasankari	0	0	0	4	0	4	0	0	0	4	0	0	0	0
34	Ms. C. Anuradha	1	0	1	1	2	3	3	0	3	7	4	2	1	4
35	Mr. R. C. Ilambirai	1	0	1	3	0	3	4	0	4	8	7	0	1	0
36	Ms. P. U. Poornima	0	0	0	1	0	1	2	0	2	3	0	1	1	0
37	Ms. S. Geethanjali	0	0	0	3	0	3	5	0	5	8	0	0	0	0
38	Mr. C. Balaji	0	2	2	4	0	4	2	0	2	8	7	0	2	0
39	Mr. A. Dominic Savio	1	0	1	2	0	2	2	0	2	5	8	8	1	0
40	Mr. B. Vinothkumar	1	0	1	0	0	0	2	0	2	3	1	0	1	0
41	Dr. R. Narayanamoorthi	0	0	0	3	0	3	3	1	4	7	64	98	4	2
42	Ms. S. Lourdu Jame	1	0	1	0	1	1	0	0	0	2	0	0	0	0
43	Ms. T. M. ThamizhThentral	3	0	3	12	1	13	9	0	9	25	6	6	3	0
44	Ms. S. Usha	6	0	6	9	2	11	5	0	5	22	12	8	3	0

45	Mr. D. Selva Bharathi	9	0	9	3	0	3	11	0	11	23	42	4	4	0
46	Ms. A. Geetha	4	0	4	9	1	10	9	1	10	24	56	70	3	2
47	Mr. V. Kubendran	0	0	0	3	0	3	1	0	1	4	13	13	2	0
48	Mr. M. Sadees	1	0	1	1	0	1	1	0	1	3	0	0	0	0
49	Dr. D. Karthikeyan	11	0	11	6	1	7	10	1	11	29	57	57	4	0
50	Mr. S. George Fernandez	7	0	7	4	2	6	4	1	5	18	31	28	3	0
51	Dr. K. Selvakumar	14	0	14	6	2	8	13	1	14	36	116	189	6	5
52	Dr. R. Palanisamy	21	0	21	6	1	7	21	2	23	51	253	210	9	6
53	Ms. D. Anitha	2	0	2	2	0	2	0	0	0	4	0	13	1	1
54	Mr. P. Kanakaraj	1	0	1	1	0	1	1	0	1	3	1	1	1	0
55	Mr. D. Ravichandran	0	0	0	1	0	1	2	0	2	3	0	0	0	0
56	Dr. R. Ramya	2	0	2	5	0	5	2	0	2	9	2	4	4	1
57	Ms. A. Sahaya Ponrekha	1	0	1	1	0	1	0	0	0	2	0	0	0	0
58	Ms. S. Vaishali	0	0	0	0	0	0	0	0	0	0	0	0	0	0
59	Ms. Annie Grace	-	-	-	-	-	-	2	0	2	2	0	0	0	0
60	Mr. T. Vigneswaran	0	0	0	0	0	0	2	0	2	2	1	0	1	0
61	Mr. V. Pradeep	3	0	3	3	2	5	2	1	3	11	50	52	3	1
62	Ms. K. Barkavi	0	0	0	1	0	1	3	0	3	4	0	0	2	0
63	Mr. A. Suresh Kumar	1	0	1	1	1	2	1	0	1	4	5	1	2	0

64	Mr. P. Suresh	2	0	2	2	2	4	2	0	2	8	9	0	2	0
65	Dr. U. Sowmmiya	1	0	1	0	1	1	3	0	3	5	31	31	3	2
66	Dr. C. Naveen	1	0	1	1	0	1	2	2	4	6	43	43	4	0
67	Dr. M. Senthil Kumar		0	0		1	1	0	0	0	1	15	15	2	2
68	Dr. Sivaprasad Athikkal	4	0	4	3	1	4	4	0	4	12	3	82	3	2
69	Dr. Joseph Peter	0		0	1		1	0	4	4	5	41	6	4	2
70	Dr. R. Jegatheesan	2	0	2	3	1	4	3	2	5	11	163	134	6	5
71	Dr. R. Femi	2	2	4	4	2	6	0	2	2	12	63	37	3	0
72	Dr.Subhranshu Sekhar Dash				11	4	15	10	3	13	28	1330	2293	16	62



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FACULTY's SCOPUS LINK

<u>S.No</u>	Faculty Name	Scopus Link
1	Dr. K. Vijayakumar	https://www.scopus.com/authid/detail.uri?authorId=7005766990
2	Dr. A. Rathinam	https://www.scopus.com/authid/detail.uri?authorId=23986195200
3	Dr. R. K. Pongiannan	https://www.scopus.com/authid/detail.uri?authorId=24776839900
4	Dr. N. Chellammal	https://www.scopus.com/authid/detail.uri?authorId=37010794100
5	Dr. C. S. Boopathi	https://www.scopus.com/authid/detail.uri?authorId=56426283900
6	Dr. Y. Jeyashree	https://www.scopus.com/authid/detail.uri?authorId=23034890200
7	Dr. D. Suchitra	https://www.scopus.com/authid/detail.uri?authorId=53265181100
	Dr. D. Suchitra	https://www.scopus.com/authid/detail.uri?authorId=57212093246
8	Dr. R. Sridhar	https://www.scopus.com/authid/detail.uri?authorId=57220093345
9	Dr. D. Sattianadan	https://www.scopus.com/authid/detail.uri?authorId=54917514700
10	Dr. C. Bharatiraja	https://www.scopus.com/authid/detail.uri?authorId=25031251100
11	Dr. J. Preetha Roselyn	https://www.scopus.com/authid/detail.uri?authorId=43461877400
	Dr. J. Preetha Roselyn	https://www.scopus.com/authid/detail.uri?authorId=57219121411
12	Dr. C. Subramani	https://www.scopus.com/authid/detail.uri?authorId=35265275300
13	Dr. K. Saravanan	https://www.scopus.com/authid/detail.uri?authorId=57202671242
14	Dr. M. Jagabar Sathik	https://www.scopus.com/authid/detail.uri?authorId=57216703147
15	Dr. K. Mohanraj	https://www.scopus.com/authid/detail.uri?authorId=55811297100
16	Dr. Arun Noyal Doss	https://www.scopus.com/authid/detail.uri?authorId=57205063755

17	Dr. S. Padmini	https://www.scopus.com/authid/detail.uri?authorId=23985792700
18	Dr. S. Vidyasagar	https://www.scopus.com/authid/detail.uri?authorId=37082006300
19	Dr. N. Kalaiarasi	https://www.scopus.com/authid/detail.uri?authorId=57191783386
20	Dr. R. Rajarajeswari	https://www.scopus.com/authid/detail.uri?authorId=39862056700
	Dr. R. Rajarajeswari	https://www.scopus.com/authid/detail.uri?authorId=57212092954
21	Ms. S. Shanmugapriya	https://www.scopus.com/authid/detail.uri?authorId=38762153700
22	Dr. S. Vijayalakshmi	https://www.scopus.com/authid/detail.uri?authorId=55846040800
23	Ms. R. Uthra	https://www.scopus.com/authid/detail.uri?authorId=57211665810
24	Dr. V. Kalyanasundaram	https://www.scopus.com/authid/detail.uri?authorId=57192089093
25	Dr. R. Brindha	https://www.scopus.com/authid/detail.uri?authorId=57208852312
	Dr. R. Brindha	https://www.scopus.com/authid/detail.uri?authorId=57219654031
26	Mr. R. Senthilkumar	https://www.scopus.com/authid/detail.uri?authorId=57201613420
27	Dr. J. Divyanavamani	https://www.scopus.com/authid/detail.uri?authorId=56879171200
28	Dr. A. Lavanya	https://www.scopus.com/authid/detail.uri?authorId=56230077300
29	Mr. S. Senthil Murugan	https://www.scopus.com/authid/detail.uri?authorId=57204043689
30	Ms. K. Subha Sharmini	https://www.scopus.com/authid/detail.uri?authorId=57191722710
31	Dr. D. Maharajan	https://www.scopus.com/authid/detail.uri?authorId=57191835378
32	Ms. C. Nithya	https://www.scopus.com/authid/detail.uri?authorId=55537178400
33	Ms. P. Sivasankari	https://www.scopus.com/authid/detail.uri?authorId=57192380367
34	Ms. C. Anuradha	https://www.scopus.com/authid/detail.uri?authorId=57203767309
35	Mr. R. C. Ilambirai	https://www.scopus.com/authid/detail.uri?authorId=55900715400
36	Ms. P. U. Poornima	https://www.scopus.com/authid/detail.uri?authorId=55314580000
37	Ms. S. Geethanjali	https://www.scopus.com/authid/detail.uri?authorId=56422116700
38	Dr. C. Balaji	https://www.scopus.com/authid/detail.uri?authorId=57192377285
39	Dr. A. Dominic Savio	https://www.scopus.com/authid/detail.uri?authorId=57191847033
40	Mr. B. Vinothkumar	https://www.scopus.com/authid/detail.uri?authorId=57192371877
41	Dr. R. Narayanamoorthi	https://www.scopus.com/authid/detail.uri?authorId=57095044400

42	Ms. S. Lourdu Jame	https://www.scopus.com/authid/detail.uri?authorId=57193255714
43	Dr. T. M. ThamizhThentral	https://www.scopus.com/authid/detail.uri?authorId=57193258646
44	Dr. S. Usha	https://www.scopus.com/authid/detail.uri?authorId=57190128489
45	Mr. D. Selva Bharathi	https://www.scopus.com/authid/detail.uri?authorId=57200259400
46	Dr. A. Geetha	https://www.scopus.com/authid/detail.uri?authorId=56026196200
47	Mr. V. Kubendran	https://www.scopus.com/authid/detail.uri?authorId=57200257445
48	Mr. M. Sadees	https://www.scopus.com/authid/detail.uri?authorId=57192378325
49	Dr. D. Karthikeyan	https://www.scopus.com/authid/detail.uri?authorId=56905411500
50	Dr. S. George Fernandez	https://www.scopus.com/authid/detail.uri?authorId=57191841106
51	Dr. K. Selvakumar	https://www.scopus.com/authid/detail.uri?authorId=57200748032
52	Dr. R. Palanisamy	https://www.scopus.com/authid/detail.uri?authorId=55855112400
53	Ms. D. Anitha	https://www.scopus.com/authid/detail.uri?authorId=57201757890
		https://www.scopus.com/authid/detail.uri?authorId=57211663445
54	Mr. P. Kanakaraj	https://www.scopus.com/authid/detail.uri?authorId=57192084018
55	Mr. D. Ravichandran	https://www.scopus.com/authid/detail.uri?authorId=57203127996
56	Dr. R. Ramya	https://www.scopus.com/authid/detail.uri?authorId=57202826230
57	Ms. A. Sahaya Ponrekha	https://www.scopus.com/authid/detail.uri?authorId=57192373076
59	Ms. Annie Grace	https://www.scopus.com/authid/detail.uri?authorId=57203542388
60	Mr. T. Vigneswaran	https://www.scopus.com/authid/detail.uri?authorId=55947745500
61	Mr. V. Pradeep	https://www.scopus.com/authid/detail.uri?authorId=56625230900
62	Ms. K. Barkavi	https://www.scopus.com/authid/detail.uri?authorId=57202903465
63	Mr. A. Suresh Kumar	https://www.scopus.com/authid/detail.uri?authorId=57191332082
64	Dr. P. Suresh	https://www.scopus.com/authid/detail.uri?authorId=57201304524
65	Dr. U. Sowmmiya	https://www.scopus.com/authid/detail.uri?authorId=37056687000
66	Dr. C. Naveen	https://www.scopus.com/authid/detail.uri?authorId=56396870000
67	Dr. Joseph Peter	https://www.scopus.com/authid/detail.uri?authorId=57196075927
68	Dr. Sivaprasad Athikkal	https://www.scopus.com/authid/detail.uri?authorId=57193775516

69	Dr. M.Senthil kumar	https://www.scopus.com/authid/detail.uri?authorId=57212581073
70	Dr. R. Femi	https://www.scopus.com/authid/detail.uri?authorId=56405534400
71	Dr.R.Jegatheesan	https://www.scopus.com/authid/detail.uri?authorId=6507696630
72	Dr.Subhranshu Sekhar Dash	https://www.scopus.com/authid/detail.uri?authorId=55440657700
		https://www.scopus.com/authid/detail.uri?authorId=57215084806



Department of Electrical and Electronics Engineering
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LIST OF FACULTY PUBLICATION

Assessment Year: 2017-2018

Dr. K. Vijayakumar

1. Ramasamy P, Krishnasamy V, Sathik MAJ, Ali ZM, Aleem SHEA. Three-dimensional space vector modulation strategy for capacitor balancing in split inductor neutral-point clamped multilevel inverters. J Circuits Syst Comput 2018;27(14).
2. Divya Navamani J, Vijayakumar K, Jegatheesan R. Non-isolated high gain DC-DC converter by quadratic boost converter and voltage multiplier cell. Ain Shams Eng J 2018;9(4):1397-406.
3. Vijayakumar K et. al. Switched-capacitor-based three-phase five-level inverter topology with reduced components. India international conference on power electronics, IICPE; 2018.
4. Vijayakumar K et. al. Hybrid multilevel inverter topology with reduced part count. Proceedings of 2018 IEEE international conference on power electronics, drives and energy systems, PEDES 2018; 2018.
5. George Fernandez S, Palanisamy R, Vijayakumar K. GPS & GSM based accident detection and auto intimation. Indones J Electrical Eng Comput Sci 2018;11(1):356-61.
6. Vijayakumar K et. al. A new symmetric multilevel converter topology with reduced voltage on switches and DC source. Proceedings of 2018 IEEE international conference on power, instrumentation, control and computing, PICC 2018; 2018. 1 p.

7. Selvakumar K, Palanisamy R, Vijayakumar K. Implementation of quasi Z-source 7 level inverter with reduced switches using PV system. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1152-61.
8. Vijayakumar K et. al. Effect of pole zero location on system dynamics of boost converter for micro grid. *Journal of physics: Conference series*; 2018.
9. Vijayakumar K et. al. Non-isolated high gain DC-DC converter for smart grid-A review. *Journal of physics: Conference series*; 2018.
10. Palanisamy R, Vijayakumar K. Paper SVPWM for 3-phase 3-level neutral point clamped inverter fed induction motor control. *Indones J Electrical Eng Comput Sci* 2018;9(3):703-10.
11. Karthikeyan D, Krishnasamy V, Sathik MAJ. Development of a switched diode asymmetric multilevel inverter topology. *J Power Electron* 2018;18(2):418-31.
12. Ramasamy P, Krishnasamy V. Common mode voltage reduction using 3D-SVPWM for 3-level CI-NPC inverter with hybrid energy system. *Electr Power Comp Syst* 2018;46(4):391-405.
13. Mohd.Ali JS, Krishnaswamy V. An assessment of recent multilevel inverter topologies with reduced power electronics components for renewable applications. *Renewable Sustainable Energy Rev* 2018;82:3379-99.
14. Kannan SS, Vijayakumar K. Synchronverter strategy of voltage control for the family of multilevel inverters. *J Adv Res Dyn Control Syst* 2018;10(8 Special Issue):54-61.
15. Palanisamy R, Vijayakumar K. A hysteresis current controller for PV-wind hybrid source fed STATCOM system using cascaded multilevel inverters. *J Electr Eng Technol* 2018;13(1):270-9.
16. Savari GF, Krishnasamy V, Guerrero JM. Optimal scheduling and economic analysis of hybrid electric vehicles in a microgrid. *Int J Emerg Electr Power Syst* 2018;19(6).
17. Saravanan K, George Fernandez S, Vijayakumar K. Fuzzy logic based duty cycle estimation for maximum power point tracking in photovoltaic systems. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1093-8.

18. Divya Navamani J, Jegatheesan R, Vijayakumar K. Reliability study of high gain DC-DC converters based on RRPP I-IIA configuration for shipboard power system. *Sadhana* 2018;43(5).
19. Vijayakumar K et. al. Reliability and component analysis of voltage-lift quadratic boost converter for xenon lamps. *Materials today: Proceedings*; 2018. 437 p.
20. Thamizh Thentral TM, Banerjee AD, Jegatheesan R, Vijayakumar K. A synchronous reference frame theory based unified power quality conditioner designed by the implementation of active filters. *J Adv Res Dyn Control Syst* 2018;10(9 Special Issue):58-64.
21. Lavanya A, Banerjee A, Divya Navamani J, Vijayakumar K. An effective hybrid energy storage based regenerative braking system for electric vehicle. *J Adv Res Dyn Control Syst* 2018;10(9 Special Issue):9-17.
22. Divya Navamani J, Vijayakumar K, Lavanya A, Raj JM. A comparative study on modelling techniques for DC-DC boost converter. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):970-6.
23. Lavanya A, Vijayakumar K, Divya Navamani J, Jayaseelan N. Dual input isolated and non isolated dc-dc converters for hybrid electric vehicles. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1058-66.
24. Sadees M, Sheikh S, Preetha Roselyn J, Vijayakumar K. Performance analysis of hybrid PV-wind system in microgrid. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1203-16.
25. Malik K, Dora S, George Fernandez S, Vijayakumar K. A new symmetric and asymmetric multilevel inverter topology with reduced maximum blocking voltage switches. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):961-9.
26. Kubendran V, George Fernandez S, Vijayakumar K, Selvakumar K. A fully automated lawn mower using solar panel. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):977-83.
27. Navamani JD, Vijayakumar K, Jegatheesan R, Mano Raj AJ. Reliability analysis and SFG modeling of a new modified quadratic boost DC-DC converter. *Inf MIDEM* 2018;48(1):3-18.
28. Karthikeyan D, Palanisamy R, Selvakumar K, Selvabharathi D, Vijayakumar K. Implementation of single phase cascaded H-bridge inverter system. *J Eng Appl Sci* 2018;13(21):8993-8.

29. Selvabharathi D, Selvakumar K, Palanisamy R, Karthikeyan D, Vijayakumar K. Implementation of upgraded single-switch high boost converters with infused transformer voltage incremental cell. *J Eng Appl Sci* 2018;13(13):4924-31.
30. Thamizh Thentral TM, Jegatheesan R, Vijayakumar K, Geetha A, Banerjee AD. A synchronous reference frame theory strategy for active power filters–case study. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1042-9.
31. Palanisamy R, Vijayakumar K, Nivedhitha S, Dewangan S, Chadha A, Dhas S. Implementation of LC based maximum boost three-level NPC inverter with photovoltaic system. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1142-51.
32. Palanisamy R, Vijayakumar K, Choudhury S, Aniruddh D, Saxena H, Karthikeyan D. PV system based 3-level neutral clamped point multilevel inverter using SVM method. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):1254-9.
33. Karthikeyan D, Chaitanya DK, Vijayakumar K, Palanisamy R, Selvakumar K, Selvabarathi D. Analysis of improved switched diode step up five-level H-bridge inverter with passive filters. *J Adv Res Dyn Control Syst* 2018;10(7 Special Issue):997-1010.

Dr. A. Rathinam

1. Rathinam A et. al., Effective power sharing between solar refrigerator and DC micro grid. Proceedings of 2018 IEEE international conference on power electronics, drives and energy systems, PEDES 2018; 2018.
2. Sujitha A, Rathinam A. Wide area backup protection scheme for fault location on transmission lines using distance relay. *J Adv Res Dyn Control Syst* 2018;10(9 Special Issue):38-45.

Dr. N. Chellammal

1. Anuradha C, Chellammal N, Vijayalakshmi S, Ilambirai RC. Steady state analysis of non-isolated single-input multi-output SEPIC converter for stand-alone applications. *Int J Power Electron Drive Syst* 2018;9(1):260-8.

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Department of Electrical and Electronics Engineering
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LIST OF FACULTY PUBLICATION

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LIST OF FACULTY PUBLICATION

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Date : 12.09.2021

CERTIFICATE

I hereby certify that the contents of the **Faculty Research Papers** for the academic year 2017 - 18, 2018 - 19 and 2019 - 20 are true to the best of my knowledge.


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