



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in

100 YEARS
1921 - 2021

HEI Response: Metric ID 3.4.4

Response:

Response to DVV Clarification

The co-guides are considered in the calculation of the metric by HEI. Ph.Ds awarded by other university/institutions are also considered since, most of the PhD scholars under the supervision of HBTU faculty members have enrolled in Dr. Abdul Kalam Technical University (AKTU), Lucknow as the HBTU as university came into existence in September 2016 and PhD enrollment started from the session 2017-18. Here it is worthwhile to mention that, HEI has not considered any repeated faculty member as PhD Supervisor in the calculation of the metric ID 3.4.4

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(Prof. S.K. Sharma)
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Harcourt Butler Technical University
Kanpur-208002

HEI Clarification

As per the Ordinance of University: “*All the regular faculty members holding Doctorate Degree with two research publications in referred journals are eligible for PhD Supervision*”. The proof of the ordinance is enclosed in this file at page no 3. Therefore, the number of recognized PhD Supervisor during the last 5 years are **52**. The list of the recognized PhD supervisors are given from Page number 4 to 6.

The number of PhD students supervised by recognized guides have also been increased to **44**.

Modified DVV Input: Metric ID 3.4.4

Number of Ph.D’s awarded per teacher during the last five years

Response: **0.85**

3.4.4.1: How many Ph.D’s are awarded within last 5 years

Response: **44**

3.4.4.2: Number of teachers recognized as guides during the last five years

Response: **52**

Average percentage

(Ph.D.’s awarded/ number of teachers recognized as guides) * 100 =

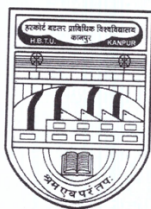
$(44/52)* 100 = \mathbf{84.6 \%}$

It is requested to kindly update the Metric 3.4.4 to 0.85.

Ordinance mentioning the eligibility of recognized PhD Guide

ORDINANCES
FOR
DOCTOR OF PHILOSOPHY PROGRAMMES

(Effective from session 2019-20 for new entrants)



HARCOURT BUTLER TECHNICAL UNIVERSITY
KANPUR-208002 (UP) – INDIA

(Revised October, 2019)

hbt
R. Bal
Rectr
R. Bal
R. Bal
R. Bal

3. Ph.D. SUPERVISOR

- 3.1 Regular faculty members of the University holding Doctorate degree with two research publications in refereed journals are eligible for supervising research scholars. (Clause no. 6.1 of UGC Regulation 2016)
- 3.2 There can be maximum two supervisors as per UGC guidelines (Supervisor-I and Supervisor-II). Supervisor-I must be from the department of HBTU, Kanpur which is the student's place of work. However, Supervisor-II may be from the same or from the other department of the University or from outside of the University in case of collaborative research with other University (National/International).
- 3.3 Professors may supervise a maximum of eight, Associate Professors six while Assistant Professors four PhD scholars. (Clause no. 6.5 of UGC regulations 2016).

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The average number of faculty members recognized as PhD supervisor is 52. The approved list of faculty members recognized as PhD supervisor certified by the Registrar if HBTU is enclosed below.

Approved list of recognized faculty members as PhD supervisor

Session 2021-22

List of recognized PhD Supervisor

The list of recognized PhD supervisors as per the Ordinance for Doctoral of Philosophy Programmes (enclosed) and UGC regulation 2016 (Clause number 6.1) for Academic Year 2017-22 have been as follows:

Academic Session 2021-22

S. N.	Name of Recognized PhD Supervisor	Qualification (Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D.Lit.)	Year of obtaining the qualification
1	Dr. Arun Maitihani	Ph.D.	2009
2	Dr. P. K. Kamani	Ph.D.	1997
3	Dr. Reena Singhal	Ph.D.	1998
4	Dr. Deepak Srivastava	Ph.D.	1993
5	Dr. Indira Nigam	Ph.D.	1994
6	Dr. V. K. Tyagi	Ph. D.	1992
7	Dr. P. K. S. Yadav	Ph. D.	2012
8	Dr. B. Nigam	Ph.D.	1986
9	Dr. Vinod Kumar Yadav	Ph.D.	2007
10	Dr. Rekha Bali	PhD	1989
11	Dr. Ram Autar	PhD	1990
12	Dr. Ram Naresh	PhD	1993
13	Dr. Lalit Kumar Singh	Ph.D.	2014
14	Dr. Chhagan Lal Gehlot	Ph.D.	1999
15	Dr. Yaduvir Singh	Ph.D.	2004
16	Dr. Archana Singh	Ph.D.	2016
17	Dr. Sanjiv Kumar	Ph.D.	2016
18	Dr. Rajive Gupta	Ph.D.	2000
19	Dr. Onkar Singh	Ph.D.	2000
20	Dr. Anand Kumar	Ph.D.	2011
21	Dr. S.K. Singhal	Ph.D.	2008
22	Dr. J. Bhaskar	Ph.D.	2021
23	Dr. V.P. Singh	Ph.D.	2011
24	Dr. R. K. Shukla	Ph.D.	1992
25	Dr. S. K. Sharma	Ph.D.	1992
26	Dr. Rajesh Katiyar	PhD	2015
27	Dr. S. K. Gupta	PhD	1996
28	Dr. Ashwini Sood	PhD	2006
29	Dr. G. L. Devnani	PhD	2019
30	Dr. A. K. Rathore	PhD	2020

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31	Dr. Raghuraj Singh	Ph.D.	2006
32	Dr. Vinay Kumar Pathak	Ph.D.	2004
33	Dr. N. Kohli	Ph.D.	2012
34	Dr. B.K. Tripathi	Ph.D.	2010
35	Dr. Anita Yadav	Ph.D.	2016
36	Dr. Prabhat Verma	Ph.D.	2013
37	Dr. Vandana Dixit Kaushik	Ph.D.	2011
38	Dr. Sunil Kumar	Ph.D.	1995
39	Dr. Dipteek Parmar	Ph.D.	2011
40	Dr. Pradeep Kumar	Ph.D.	2009
41	Dr. Deepesh Singh	Ph.D.	2008
42	Dr. Rajiv Ganguly	Ph.D.	2008
43	Dr. Kavita Tandon	Ph.D.	2021
44	Dr. Alak Kumar Singh	PhD	2013
45	Dr. Vivek Kumar	PhD	2016
46	Dr. Krishna Raj	Phd	2003
47	Dr. Rachna Asthana	Phd	2008
48	Dr. Manoj Kumar Shukla	Phd	2011
49	Dr. A.K. Shankhwar	PhD	2014
50	Dr. Rajani Bisht	PhD	2021
51	Dr. Ashutosh Singh	PhD	2017
52	Dr. Nand Kishore	PhD	2018
53	Dr. Kumar Gaurav	PhD	2019

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Session 2020-21

Academic Session 2020-21

S. N.	Name of Recognized PhD Supervisor	Qualification (Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D.Lit.)	Year of obtaining the qualification
1	Dr. Arun Maitihani	Ph.D.	2009
2	Dr. P. K. Kamani	Ph.D.	1997
3	Dr. Reena Singhal	Ph.D.	1998
4	Dr. Deepak Srivastava	Ph.D.	1993
5	Dr. Indira Nigam	Ph.D.	1994
6	Dr. V. K. Tyagi	Ph. D.	1992
7	Dr. P. K. S. Yadav	Ph. D.	2012
8	Dr. B. Nigam	Ph.D.	1986
9	Dr. Vinod Kumar Yadav	Ph.D.	2007
10	Dr. Rekha Bali	PhD	1989
11	Dr. Ram Autar	PhD	1990
12	Dr. Ram Naresh	PhD	1993
13	Dr. Lalit Kumar Singh	Ph.D.	2014
14	Dr. Chhagan Lal Gehlot	Ph.D.	1999
15	Dr. Yaduvir Singh	Ph.D.	2004
16	Dr. Archana Singh	Ph.D.	2016
17	Dr. Sanjiv Kumar	Ph.D.	2016
18	Dr. Rajive Gupta	Ph.D.	2000
19	Dr. Onkar Singh	Ph.D.	2000
20	Dr. Anand Kumar	Ph.D.	2011
21	Dr. S.K. Singhal	Ph.D.	2008
22	Dr. J. Bhaskar	Ph.D.	2021
23	Dr. V.P. Singh	Ph.D.	2011
24	Dr. R. K. Shukla	Ph.D.	1992
25	Dr. S. K. Sharma	Ph.D.	1992
26	Dr. Rajesh Katiyar	PhD	2015
27	Dr. S. K. Gupta	PhD	1996
28	Dr. Ashwini Sood	PhD	2006
29	Dr. G. L. Devnani	PhD	2019
30	Dr. A. K. Rathore	PhD	2020
31	Dr. Raghuraj Singh	Ph.D.	2006
32	Dr. Vinay Kumar Pathak	Ph.D.	2004
33	Dr. N. Kohli	Ph.D.	2012
34	Dr. B.K. Tripathi	Ph.D.	2010
35	Dr. Anita Yadav	Ph.D.	2016
36	Dr. Prabhat Verma	Ph.D.	2013

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37	Dr. Vandana Dixit Kaushik	Ph.D.	2011
38	Dr. Sunil Kumar	Ph.D.	1995
39	Dr. Dipteek Parmar	Ph.D.	2011
40	Dr. Pradeep Kumar	Ph.D.	2009
41	Dr. Deepesh Singh	Ph.D.	2008
42	Dr. Rajiv Ganguly	Ph.D.	2008
43	Dr. Kavita Tandon	Ph.D.	2021
44	Dr. Alak Kumar Singh	PhD	2013
45	Dr. Vivek Kumar	PhD	2016
46	Dr. Krishna Raj	Phd	2003
47	Dr. Rachna Asthana	Phd	2008
48	Dr. Manoj Kumar Shukla	Phd	2011
49	Dr. A.K. Shankhwar	PhD	2014
50	Dr. Rajani Bisht	PhD	2021
51	Dr. Ashutosh Singh	PhD	2017
52	Dr. Nand Kishore	PhD	2018
53	Dr. Kumar Gaurav	PhD	2019

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Session 2019-20

Academic Session 2019-20

S. N.	Name of Recognized PhD Supervisor	Qualification (Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D'Lit.)	Year of obtaining the qualification
1	Dr. Arun Maithani	Ph.D.	2009
2	Dr. P. K. Kamani	Ph.D.	1997
3	Dr. Pramod Kumar	Ph.D.	1998
4	Dr. Reena Singhal	Ph.D.	1998
5	Dr. Deepak Srivastava	Ph.D.	1993
6	Dr. Indira Nigam	Ph.D.	1994
7	Dr. R. K. Trivedi	Ph. D.	1991
8	Dr. V. K. Tyagi	Ph. D.	1992
9	Dr. P. K. S. Yadav	Ph. D.	2012
10	Dr. K M Mohapatra	Ph.D.	1991
11	Dr. B. Nigam	Ph.D	1986
12	Dr. Vinod Kumar Yadav	Ph.D	2007
13	Dr. Rekha Bali	PhD	1989
14	Dr. Ram Autar	PhD	1990
15	Dr. Ram Naresh	PhD	1993
16	Dr. Lalit Kumar Singh	PhD	2014
17	Dr. Chhagan Lal Gehlot	PhD	1999
18	Dr. Yaduvir Singh	Ph.D.	2004
19	Dr. Archana Singh	Ph.D.	2016
20	Dr. Sanjiv Kumar	Ph.D.	2016
21	Dr. Rajive Gupta	Ph.D	2000
22	Dr. Onkar Singh	Ph.D	2000
23	Dr. Anand Kumar	Ph.D	2011
24	Dr. S.K. Singhal	Ph.D	2008
25	Dr. V.P. Singh	Ph.D	2011
26	Dr. S.K.S. Yadav	Ph.D	2013
27	Dr. R.K. Shukla	Ph.D	1992
28	Dr. S.K. Sharma	Ph.D	1992
29	Dr. Rajesh Katiyar	Ph.D	2015
30	Dr. S. K. Gupta	Ph.D	1996
31	Dr. Ashwini Sood	Ph.D.	2006
32	Dr. Raghuraj Singh	Ph.D.	2006
33	Dr. Vinay Kumar Pathak	Ph.D.	2004
34	Dr. N. Kohli	Ph.D.	2012
35	Dr. B.K. Tripathi	Ph.D.	2010

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36	Dr. Anita Yadav	Ph.D.	2016
37	Dr. Prabhat Verma	Ph.D.	2013
38	Dr. Vandana Dixit Kaushik	Ph.D.	2011
39	Dr. Prabhat Verma	Ph.D	2013
40	Dr. Vandana Dixit Kaushik	Ph.D	2011
41	Dr. Sunil Kumar	Ph.D	1995
42	Dr. Dipteek Parmar	Ph.D	2011
43	Dr. Pradeep Kumar	Ph.D	2009
44	Dr. Deepesh Singh	Ph.D	2008
45	Dr. Karunakar Singh	Ph.D	1998
46	Dr. Alak Kumar Singh	Ph.D	2013
47	Dr. Vivek Kumar	Ph.D	2016
48	Dr. Krishna Raj	Ph.D	2003
49	Dr. Rachna Asthana	Ph.D	2008
50	Dr. Manoj Kumar Shukla	Ph.D	2011
51	Dr. Ashok K Shankhwar	Ph.D	2014
52	Dr. Ashutosh Singh	Ph.D	2017

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Session 2018-19

Academic Session 2018-19

S. N.	Name of Recognized PhD Supervisor	Qualification (Ph.D./D.M/M.Ch./D.N.B Super speciality/D.Sc./D'Lit.)	Year of obtaining the qualification
1	Dr. Arun Maithani	Ph.D.	2009
2	Dr. PK Kamani	Ph.D.	1997
3	Dr. Pramod Kumar	Ph.D.	1998
4	Dr. Reena Singhal	Ph.D.	1998
5	Dr. Deepak Srivastava	Ph.D.	1993
6	Dr. Indira Nigam	Ph.D.	1994
7	Dr. R. K. Trivedi	Ph. D.	1991
8	Dr. V. K. Tyagi	Ph. D.	1992
9	Dr. P. K. S. Yadav	Ph. D.	2012
10	Dr. K M Mohapatra	Ph.D.	1991
11	Dr. B. Nigam	Ph.D	1986
12	Dr. Vinod Kumar Yadav	Ph.D	2007
13	Dr. Rekha Bali	PhD	1989
14	Dr. Ram Autar	PhD	1990
15	Dr. Ram Naresh	PhD	1993
16	Dr. S. U. Siddiqui	PhD	1994
17	Dr. Lalit Kumar Singh	PhD	2014
18	Dr. Chhagan Lal Gehlot	Ph. D.	1999
19	Dr. Yaduvir Singh	Ph.D	2004
20	Dr. Archana Singh	Ph.D.	2016
21	Dr. Sanjiv Kumar	Ph.D.	2016
22	Dr. Rajive Gupta	Ph.D	2000
23	Dr. Onkar Singh	Ph.D	2000
24	Dr. Anand Kumar	Ph.D	2011
25	Dr. S.K. Singhal	Ph.D	2008
26	Dr. V.P. Singh	Ph.D	2011
27	Dr. S.K.S. Yadav	Ph.D	2013
28	Dr. R.K. Shukla	Ph.D	1992
29	Dr. S.K. Sharma	Ph.D	1992
30	Dr. Ram Prasad	Ph.D.	1994
31	Dr. Rajesh Katiyar	Ph.D.	2015
32	Dr. S. K. Gupta	Ph.D.	1996
33	Dr. Ashwini Sood	Ph.D.	2006
34	Dr. Raghuraj Singh	Ph.D.	2006
35	Dr. Vinay Kumar Pathak	Ph.D.	2004
36	Dr. N. Kohli	Ph.D.	2012

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37	Dr. B.K. Tripathi	Ph.D.	2010
38	Dr. Anita Yadav	Ph.D.	2016
39	Dr. Prabhat Verma	Ph.D	2013
40	Dr. Vandana Dixit Kaushik	Ph.D	2011
41	Dr. Sunil Kumar	Ph.D	1995
42	Dr. Dipteek Parmar	Ph.D	2011
43	Dr. Pradeep Kumar	Ph.D	2009
44	Dr. Deepesh Singh	Ph.D	2008
45	Dr. Karunakar Singh	Ph.D	1998
46	Dr. Alak Kumar Singh	Ph.D	2013
47	Dr. Vivek Kumar	Ph.D	2016
48	Dr. Rachna Asthana	Ph.D	2008
49	Dr. Manoj Kumar Shukla	Ph.D	2011
50	Dr. Krishna Raj	Ph.D	2003
51	Dr. A.K. Shankhwar	Ph.D	2014
52	Dr. Ashutosh Singh	Ph.D	2017

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Session 2017-18

Academic Session 2017-18

S. N.	Name of Recognized PhD Supervisor	Qualification (Ph.D./D.M./M.Ch./D.N.B Super speciality/D.Sc./D'Lit.)	Year of obtaining the qualification
1	Dr. Arun Maithani	Ph.D.	2009
2	Dr. P. Kamani	Ph.D.	1997
3	Dr. Pramod Kumar	Ph.D.	1998
4	Dr. Reena Singhal	Ph.D.	1998
5	Dr. Deepak Srivastava	Ph.D.	1993
6	Dr. Indira Nigam	Ph.D.	1994
7	Dr. R. K. Trivedi	Ph. D.	1991
8	Dr. V. K. Tyagi	Ph. D.	1992
9	Dr. P. K. S. Yadav	Ph. D.	2012
10	Dr. K. M. Mohapatra	Ph.D.	1991
11	Dr. B. Nigam	Ph.D.	1986
12	Dr. Vinod Kumar Yadav	Ph.D.	2007
13	Dr. Rekha Bali	PhD	1989
14	Dr. Ram Autar	PhD	1990
15	Dr. Ram Naresh	PhD	1993
16	Dr. S. U. Siddiqui	PhD	1994
17	Dr. Lalit Kumar Singh	PhD	2014
18	Dr. Chhagan Lal Gehlot	Ph.D.	1999
19	Dr. Yaduvir Singh	Ph.D.	2004
20	Dr. Archana Singh	Ph.D.	2016
21	Dr. Sanjiv Kumar	Ph.D.	2016
22	Dr. Rajive Gupta	Ph.D.	2000
23	Dr. Onkar Singh	Ph.D.	2000
24	Dr. Anand Kumar	Ph.D.	2011
25	Dr. S.K. Singhal	Ph.D.	2008
26	Dr. V.P. Singh	Ph.D.	2011
27	Dr. S.K.S. Yadav	Ph.D.	2013
28	Dr. R.K. Shukla	Ph.D.	1992
29	Dr. S.K. Sharma	Ph.D.	1992
30	Dr. Ram Prasad	Ph.D.	1994
31	Dr. Rajesh Katiyar	Ph.D.	2015
32	Dr. S. K. Gupta	Ph.D.	1996
33	Dr. Ashwini Sood	Ph.D.	2006
34	Dr. Raghuraj Singh	Ph.D.	2006
35	Dr. Vinay Kumar Pathak	Ph.D.	2004

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36	Dr. N. Kohli	Ph.D.	2012
37	Dr. B.K. Tripathi	Ph.D.	2010
38	Dr. Anita Yadav	Ph.D.	2016
39	Dr. Prabhat Verma	Ph.D.	2013
40	Dr. Vandana Dixit Kaushik	Ph.D.	2011
41	Dr. Sunil Kumar	Ph.D.	1995
42	Dr. Dipteek Parmar	Ph.D.	2011
43	Dr. Pradeep Kumar	Ph.D.	2009
44	Dr. Deepesh Singh	Ph.D.	2008
45	Dr. Karunakar Singh	PhD	1998
46	Dr. Alak Kumar Singh	PhD	2013
47	Dr. Vivek Kumar	PhD	2016
48	Dr. Rachna Asthana	PhD	2008
49	Dr. Manoj Kumar Shukla	PhD	2011
50	Dr. Krishna Raj	PhD	2003
51	Dr. A.K. Shankhwar	PhD	2014
52	Dr. Ashutosh Singh	PhD	2017

Academic Year	Number of Recognized PhD Supervisor
2017-18	52
2018-19	52
2019-20	52
2020-21	53
2021-22	53
Average	52

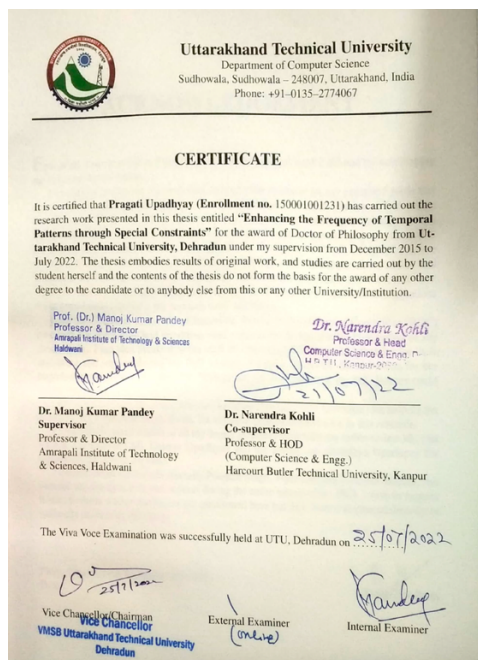
11.02.2017
 Registrar
 Harcourt Butler Technical University
 Kanpur-2

PhD award letters to PhD students and Certificate mentioning HBTU faculty as their guide

Note: The order of the proofs is according to the given file:

<https://hbtu.ac.in/naac/HAIResponse/3.4.4.xlsx>


Department of Computer Science 1.



Citation Details

Download Citation  BIBTeX

Please use this link for citation	http://hdl.handle.net/10603/400296
Title of the Thesis	Enhancing the Frequency of Temporal Patterns Through Special Constraints
Name of the Researcher	Upadhyay Pragati
Name of the Guide	Pandey, Manoj Kumar and Kohli, Narendra
Completed Year	2022
Name of the Department	Department of Computer Science and Engineering
Name of the University	Uttarakhand Technical University Created and maintained by INFLIBNET Centre


(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

2.

CERTIFICATE

Certified that ANAND HANDA (PhD/15/CSE/1777) has carried out the research work presented in this thesis entitled "MULTIMODAL RECOGNITION SYSTEM WITH DIFFERENT BIOMETRIC FEATURES" for the award of Doctor of Philosophy from Dr. APJ Abdul Kalam Technical University, Lucknow under our supervision. The thesis embodies results of original work, and studies are carried out by the student himself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

Dr. Rashi Agarwal
Head
Department of Information and Technology,
University Institute of Engineering and
Technology, CSJM University, Kanpur -
208024

Prof. (Dr.) Narendra Kohli
Professor & Head
Department of Computer Science & Engineering,
Harcourt Butler Technical University, Kanpur -
208002

Date: 26/08/2021

3.



Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh
(Formerly U.P. Technical University)
Sector-11, Jankapuram Vistar Yojana, Sitapur Road, Lucknow-226031

Ref. No.: AKTU/Dean-PGSR/Ph.D./2021/CA/1568/ ५-25

Dated: 31 March, 2021

PROVISIONAL DEGREE CERTIFICATE

This is certified that Mr. Mayur Rahul (Enrollment No. Ph.D./13/CA/1568) has successfully completed all the requirements as per the University Ordinance for the award of degree of Doctor of Philosophy in the field of Computer Application in the faculty of Engineering & Technology under the supervision of Dr. Narendra Kohli & Dr. Rashi Agarwal. The thesis " FACIAL EXPRESSION RECOGNITION USING MODIFIED HIDDEN MARKOV MODEL" submitted to the University has been accepted by the University on the recommendations of the viva voce board on March 17, 2021.

The degree will be awarded with the recommendation of the Academic Council on the report of the board of Viva-Voce examination and the approval of the Executive Council in the next convocation.

Note- 1. As per Govt. notification no. 3324/ solah - 1-2013-(13/2009) dated 31.10.2013, Mahamaya Technical University, Noida has been merged with G.B. Technical University, Lucknow and the University established after such merger shall be called, Uttar Pradesh Technical University, Lucknow
2. As per Govt. notification no. 2099/Solah-1-2015-(13/2009) dated 18.09.2015 Uttar Pradesh Technical University, Lucknow has been renamed as Dr. A.P.J. Abdul Kalam Technical University Uttar Pradesh, Lucknow

Website : www.aktu.ac.in

E-mail : research@aktu.ac.in, Phone: (0522) 2732193, Fax: 2732189



Citation Details

Download Citation BIBTeX a reservoir of Indian theses

Please use this link for citation	http://hdl.handle.net/10603/341861
Title of the Thesis	Multimodal Recognition System With Different Biometric Features
Name of the Researcher	Anand Handa
Name of the Guide	Rashi Agarwal Narendra Kohli
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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Citation Details

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Please use this link for citation	http://hdl.handle.net/10603/326335
Title of the Thesis	Facial Expression Recognition Using Modified Hidden Markov Model
Name of the Researcher	Mayur Rahul
Name of the Guide	Narendra Kohli , Rashi Agarwal
Completed Year	2021
Name of the Department	Dean P.G.S.R
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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4.



Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh
(Formerly U.P. Technical University)
Sector-11, Jankapuram Vihar Vojana, Singpur Road, Lucknow-226031

Ref. No.: AKTU/Dean-PGSR/Ph.D./2020/CSE/1631/5663 Dated: 10 June, 2020

PROVISIONAL DEGREE CERTIFICATE

This is certified that **Mr. Rekh Nath Singh** (Enrollment No. Ph.D./13/CSE/1631) has successfully completed all the requirements as per the University Ordinance for the award of degree of **Doctor of Philosophy** in the field of **Computer Science & Engineering** in the faculty of Engineering and Technology under the supervision of **Prof. Raghuraj Singh**. The thesis entitled "**Improved Replication Algorithm in Distributed Database Systems**" submitted to the University has been accepted by the University on the recommendations of the viva voce board on April 17, 2020.

The degree will be awarded with the recommendation of the Academic Council on the report of the board of Viva-Voce examination and the approval of the Executive Council in the next convocation.

(Dr. D.P. Singh)
Dy. Registrar

Note- 1. As per Govt. notification no. 3324/ solah - 1-2013-(13/2009) dated 31.10.2013, Mahmaya Technical University, Noida has been merged with G.B. Technical University, Lucknow and the University established after such merger shall be called, Uttar Pradesh Technical University, Lucknow
2. As per Govt. notification no. 2866/soah-1-2015-13/2009 dated 16.09.2015 Uttar Pradesh Technical University, Lucknow has been renamed as Dr. A.P.J. Abdul Kalam Technical University Uttar Pradesh, Lucknow

Website : www.aktu.ac.in,
E-mail : research@aktu.ac.in, Phone: (0522) 2732193, Fax: 2732189

5.



(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

6.

ON THE SECOND GENERATION NEURAL NETWORK & ITS APPLICATIONS

A Thesis Submitted
In Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY
in
Computer Science and Engineering

by
AMIT GUPTA
(Enrollment No. Ph.D/13/CSE/1591)

Under the Supervision of
Dr. Bipin Kumar Tripathi
Harcourt Butler Technological University
Kanpur



to the

FACULTY OF COMPUTER SCIENCE AND ENGINEERING
DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
(Formerly Uttar Pradesh Technical University)
LUCKNOW

November, 2021



Citation Details

Download Citation BIBTeX in research of Indian theses

Please use this link for citation	http://hdl.handle.net/10603/351743
Title of the Thesis	On The Second Generation Neural Network and Its Applications
Name of the Researcher	Amit Gupta
Name of the Guide	Bipin Kumar Tripathi
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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7.

DEVELOPMENT OF HYBRID DEEP MODEL WITH HIGHER ORDER NEURONS IN COMPLEX DOMAIN

A Thesis Submitted
In Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY
in
Computer Science & Engineering

by
Swati Srivastava
(Enrollment no. Ph.D/15/CSE/2122)

Under the Supervision of
Prof. Bipin Kumar Tripathi
Harcourt Butler Technical University, Kanpur



to the
Faculty of Engineering & Technology

DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
(Formerly Uttar Pradesh Technical University)
LUCKNOW

August, 2021

(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002



Citation Details

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Please use this link for citation	http://hdl.handle.net/10603/337865
Title of the Thesis	Development Of Hybrid Deep Model With Higher Order Neurons In Complex Domain
Name of the Researcher	Swati Srivastava
Name of the Guide	Bipin Kumar Tripathi
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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8.

**DESIGN AND APPLICATION OF SOME
ARTIFICIAL INTELLIGENCE SYSTEMS
FOR COMPUTER-AIDED DETECTION**

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY

in
Computer Science and Engineering
by

RITESH MAURYA
(Enrollment No. PHD/18/CSE/2304)

Under the Supervision of

Prof. Malay Kishore Dutta
Director,
Centre for Advanced Studies,
AKTU, Lucknow

Prof. Vinay Kumar Pathak
Vice Chancellor,
Chhatrapati Shahu Ji Maharaj
University, Kanpur



to the

**CENTRE FOR ADVANCED STUDIES
DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY
(Formerly Uttar Pradesh Technical University) LUCKNOW**

November, 2021

Citation Details	
Please use this link for citation	http://hdl.handle.net/10603/348526
Title of the Thesis	Design And Application Of Some Artificial Intelligence Systems For Computer Aided Detection
Name of the Researcher	Ritesh Maurya
Name of the Guide	Malay Kishore Dutta Vinay Kumar Pathak
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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9.

**DESIGN AND ANALYSIS OF HYBRID BUFFERING
SCHEME IN OPTICAL PACKET SWITCHING**

A Thesis Submitted
In Partial Fulfillment of the Requirements
For the Degree of

DOCTOR OF PHILOSOPHY

In
Computer Science and Engineering

By
Arunendra Singh
(Enrollment No: Ph.D./15/CSE/1785)

Under the Supervision of

Dr. Amod Kumar Tiwari
Associate Professor & Head
Computer Science &
Engineering Department
Rajkiya Engineering College, Churk,
Sonbhadra, Uttar Pradesh

Prof.(Dr.) Vinay Kumar Pathak
Vice Chancellor
Dr. A.P.J. Abdul Kalam Technical
University, Uttar Pradesh, Lucknow



To the

**Faculty of Computer Science and Engineering
DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW
(Formerly Uttar Pradesh Technical University)
LUCKNOW**

July, 2021



(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

Citation Details	
Please use this link for citation	http://hdl.handle.net/10603/336335
Title of the Thesis	Design And Analysis Of Hybrid Buffering Scheme In Optical Packet Switching
Name of the Researcher	Arunendra Singh
Name of the Guide	Amod Kumar Tiwari Vinay Kumar Pathak
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

10.

CO-EXISTENCE OF PACKETS AND BURSTS IN HIGH SPEED NETWORKS

A Thesis Submitted
In Partial Fulfillment of the Requirements
For the Degree of

DOCTOR OF PHILOSOPHY

in
Computer Science and Engineering

by
Pronaya Bhattacharya
(Enrollment No. Ph.D./15/CSE/1841)

Under the Supervision of

Dr. Amod Kumar Tiwari
Associate Professor & Head
Computer Science &
Engineering Department
Rajkiya Engineering College, Churk,
Sonbhadra, Uttar Pradesh

Prof.(Dr.) Vinay Kumar Pathak
Vice-Chancellor
Dr. A.P.J. Abdul Kalam Technical
University, Uttar Pradesh, Lucknow



to the

Faculty of Computer Science and Engineering

DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY, LUCKNOW
(Formerly Uttar Pradesh Technical University) LUCKNOW

June, 2021

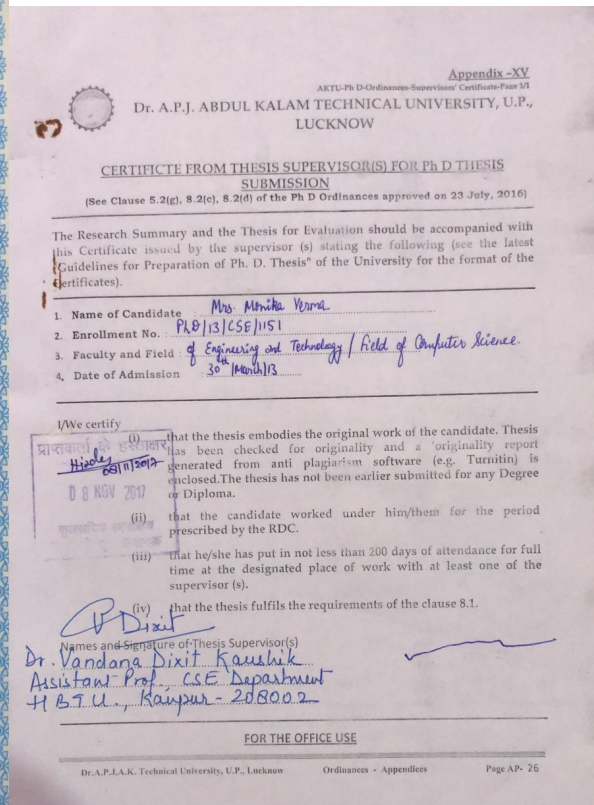


Citation Details

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Please use this link for citation	http://hdl.handle.net/10603/332953
Title of the Thesis	Co Existence Of Packets And Bursts In High Speed Networks
Name of the Researcher	Pronaya Bhattacharya
Name of the Guide	Amod Kumar Tiwari Vinay Kumar Pathak
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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12



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कानपुर - 2088002 (भारत)
KANPUR - 2088002 (INDIA)


Phone : +91-512-2534001 to 05
Fax : +91-512-2533812
Website: <http://www.hbta.ac.in>
E-mail : registrar@hbta.ac.in

CERTIFICATE

This is to certify that the thesis titled "Content Based Retrieval of Skin Disease (Melanoma) from Medical Image Database" submitted by Mr. Vikash Yadav (enrollment no.: Ph.D/13/CSE/1576), has been carried out under my supervision and this work is done under Research-cum Teacher Fellowship Scheme of Dr. A. P. J. Abdul Kalam Technical University, Lucknow at Computer Science & Engineering Department of Harcourt Butler Technical University, Kanpur as a research's work place. The thesis embodies results of original work, and studies are carried out by the student himself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University. It is also to certify that he has completed sufficient work.

Dr. Vandana Dixit Kaushik
Research Supervisor,
Assistant Professor,
Department of Computer Science & Engineering
Harcourt Butler Technical University, Kanpur

Date:


(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

Department of Electrical Engineering

1.



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Citation Details



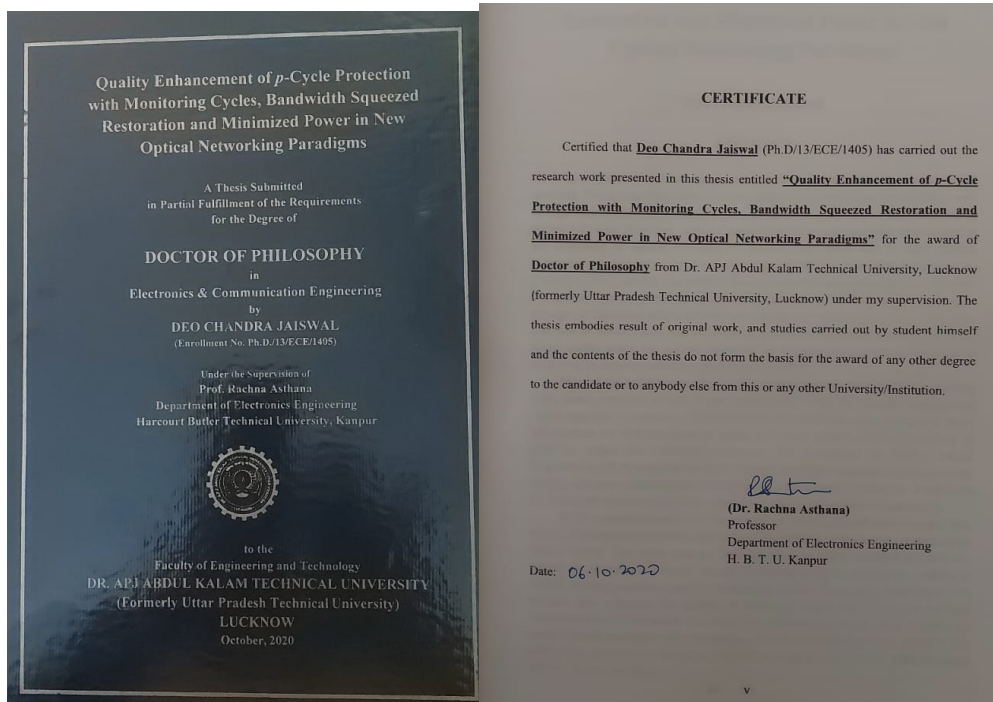
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Please use this link for citation	http://hdl.handle.net/10603/311149
Title of the Thesis	An efficient maximum power point tracking algorithm and control for variable speed wind energy conversion system
Name of the Researcher	Neha Gupta
Name of the Guide	Yaduvir Singh
Completed Year	2020
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre


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Kanpur-208002

Department of Electronics Engineering

1.




(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

2.

**STUDY & DEVELOPMENT OF FAULT
RESTORATION TECHNIQUES
IN
WDM NETWORKS
(From Power Perspective)**

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY
in
Electronics Engineering

by
Prerana
(Enrollment No. - Ph.D./13/EC/1634)

Under the Supervision of

Prof. (Dr.) Rachna Asthana
Harcourt Butler Technical University, Kanpur
(Formerly HBTL, Kanpur)



to the
Faculty of Engineering & Technology
DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY
(Formerly Uttar Pradesh Technical University) LUCKNOW

NOV, 2020



Citation Details



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Please use this link for citation	http://hdl.handle.net/10603/309029
Title of the Thesis	Study and development of fault restoration techniques in wdm networks from power perspective
Name of the Researcher	Prerana
Name of the Guide	Dr. Rachna Asthana
Completed Year	2020
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

3.

**PERFORMANCE ANALYSIS OF
SC-FDMA-IDMA SCHEME IN ACOUSTIC
ENVIRONMENT**

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY
in
Electronics Engineering

by
Shivani Dixit
(Enrollment no.: Ph.D/13/ECE/1381)

Under the Supervision of
Prof. Manoj Kumar Shukla
Harcourt Butler Technical University
Kanpur



to the

FACULTY OF ENGINEERING & TECHNOLOGY
DR. A. P. J. ABDUL KALAM TECHNICAL UNIVERSITY
LUCKNOW
(Formerly Uttar Pradesh Technical University, Lucknow)

September, 2020



Citation Details

Download Citation BIBTEX

Please use this link for citation	http://hdl.handle.net/10603/306453
Title of the Thesis	Performance analysis of Sc fdma idma scheme in acoustic environment
Name of the Researcher	Shivani Dixit
Name of the Guide	Manoj Kumar Shukla
Completed Year	2020
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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4.

**UNDERWATER COMMUNICATION
USING IDMA SCHEME**

A Thesis Submitted
In Partial Fulfillment of the Requirements
For the Degree of

DOCTOR OF PHILOSOPHY
in
Electronics & Communication Engineering

by
Prachi Tripathi
(Enrollment no.: Ph.D/13/ECE/1147)

Under the Supervision of
Prof. Manoj Kumar Shukla
HBTU, Kanpur



Faculty of Electronics & Communication Engineering
DR. APJ Abdul Kalam University, Lucknow
(Formerly Gautam Buddha Technical University)

July, 2018

Certificate

Certified that the work contained in this thesis titled "Underwater Communication using IDMA Scheme" submitted by **Ms. Prachi Tripathi**, has been carried out under my supervision and this work is done under **Research-cum Teacher Fellowship Scheme** of **Dr. A.P. J Abdul Kalam Technical University** at Electronics Engineering Department of **Harcourt Butler Technical University Kanpur**. This work has not been submitted elsewhere for an award of degree. It is also to certify that she has completed sufficient work in the area of research concerned.

Dr. Manoj Kr. Shukla

Research Supervisor

Prof, Electronics Engineering Dept.

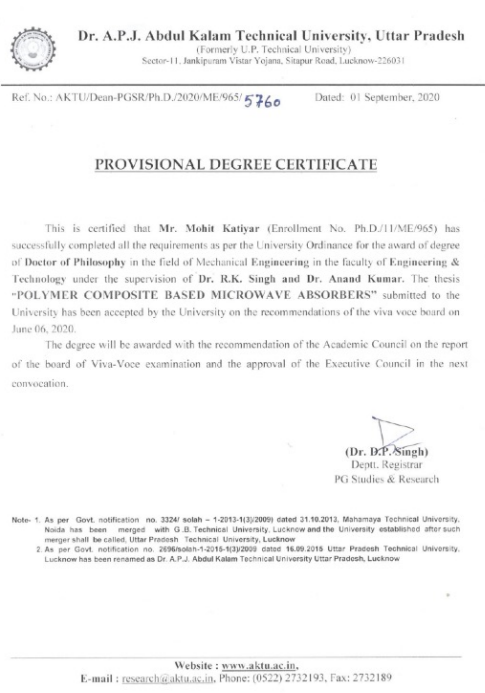
Harcourt Butler Technical University, Kanpur

(Prof. S.K. Sharma)

Registrar
Harcourt Butler Technical University
Kanpur-208002

Department of Mechanical Engineering

1.



2.

THERMODYNAMIC ANALYSIS ON SOLAR DIFFUSION ABSORPTION SYSTEM

A Thesis Submitted
In Partial Fulfillment of the Requirements
For the Degree of


DOCTOR OF PHILOSOPHY
in
MECHANICAL ENGINEERING

by
KISHAN PAL SINGH
(Enrollment No. Ph.D/13/ME/1128)



Under the Supervision of
Dr. Onkar Singh
Harcourt Butler Technical University, Kanpur



to the
FACULTY OF ENGINEERING & TECHNOLOGY
DR. APJ ABDUL KALAM TECHNICAL UNIVERSITY
LUCKNOW
(Formerly Uttar Pradesh Technical University, Lucknow)
October, 2019



Citation Details

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Please use this link for citation	http://hdl.handle.net/10603/310010
Title of the Thesis	Thermodynamic analysis on solar diffusion absorption system
Name of the Researcher	Kishan pal singh
Name of the Guide	Onkar Singh
Completed Year	2019
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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Registrar
Harcourt Butler Technical University
Kanpur-208002

3.

THERMODYNAMIC ANALYSIS OF COMBINED POWER CYCLE WITH AMMONIA WATER MIXTURE FOR POWER GENERATION

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY
by

Mayank Maheshwari
(Enrollment No.: Ph.D/13/ME/1305)

Under the Supervision of

Prof. (Dr.) Onkar Singh
Harcourt Butler Technical University, Kanpur



to the

Faculty of Engineering and Technology
Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY
LUCKNOW, INDIA

April, 2019



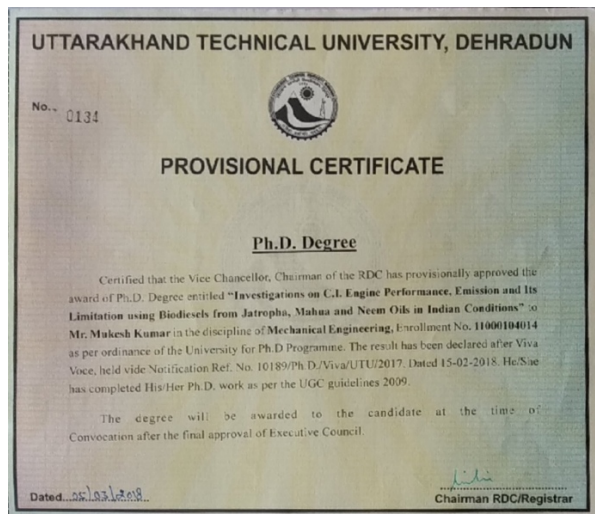
Citation Details

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Please use this link for citation	http://hdl.handle.net/10603/309491
Title of the Thesis	Thermodynamic analysis of combined power cycle with ammonia water mixture for power generation
Name of the Researcher	Mayank Maheshwari
Name of the Guide	Onkar Singh
Completed Year	2019
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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4.



CERTIFICATE

Certified that **Mukesh Kumar** (Enrollment No - 11000104014) has carried out the research work presented in this thesis entitled "**Investigation on C.I. Engine Performance, Emissions and its Limitation Using Biodiesels from Jatropha, Mahua and Neem Oils in Indian Conditions**" for the award of **Doctor of Philosophy** from Uttarakhand Technical University, Dehradun under our supervision. The thesis embodies results of original work, and studies are carried out by the student himself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else from this or any other University/Institution.

Prof. Onkar Singh
HBTU, Kanpur

Prof. Naveen Kumar
DTU, Delhi

Date: 14/02/2018

The Viva Voce Examination was successfully held at UTU, Dehradun on 15/02/2018.

Vice Chancellor/Chairman
RDC Committee


External Examiner
15/2/18

Internal Examiner

(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

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5.




डा. ए. पी. जे. अब्दुल कलाम प्राविधिक विश्वविद्यालय, उत्तर प्रदेश

विश्वविद्यालय की विद्या परिषद की अनुमति पर
अनूप कुमार शुक्ल
 को इंजीनियरिंग एण्ड टेक्नोलॉजी संकाय के अंतर्गत **मेकेनिकल इंजीनियरिंग** विद्या में
 विद्या वाचस्पति की उपाधि
 उनके द्वारा इस उपाधि की अर्जापत्र हेतु
 विश्वविद्यालय द्वारा विहित अधिकाओं को सफलतापूर्वक पूरा करने पर
 एतद्वारा सन् 2017 में प्रदान की जाती है।


Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh
 (Formerly Uttar Pradesh Technical University, Lucknow)
 Upon the recommendation of the Academic Council,
 the University hereby confers the degree of
Doctor of Philosophy
 in the field of Mechanical Engineering of the faculty of Engineering & Technology
 upon
Anoop Kumar Shukla
 who has successfully completed the requirements prescribed by the University
 for the award of this degree in the year 2017
 Title of thesis - THERMODYNAMIC ANALYSIS OF
 GAS/STEAM COMBINED CYCLE WITH DIFFERENT
 MEANS OF INLET AIR COOLING





 (Date given above)
 मुद्रित
 (Vice-Chancellor)

Appendix -XVII
 ACTU-Ph.D-Ordinance Thesis Submission Evaluation-Part-1/1


Dr. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, U.P., LUCKNOW

APPLICATION FOR Ph.D THESIS SUBMISSION FOR EVALUATION
 (See Clause 8.4.(b) of the Ph.D Ordinances approved on 23 July, 2016)
 The Application to be Submitted in Duplicate

1. Name of Candidate : ANOOP KUMAR SHUKLA
2. Enrollment No. : Ph.D/13/ME/1130
3. Faculty : ENGINEERING & TECHNOLOGY
4. Field : MECHANICAL ENGINEERING
5. Date of Admission : 23-MAR-2013
6. Date of Permission of RDC for Submission : 03/03/2017

CERTIFICATE FOR Ph.D THESIS SUBMISSION FOR EVALUATION

1	Thesis Preparation Guide was referred to for preparing the thesis.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
2	Specifications regarding thesis format have been closely followed.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
3	The contents of the thesis have been organized based on the guidelines.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
4	The thesis has been prepared without resorting to plagiarism. An originality report generated from anti pilgrims software (e.g. Turnitin) is enclosed	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
5	All sources used have been cited appropriately.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
6	The thesis has not been submitted elsewhere for a degree.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
7	Submitted 4 spiral bound copies plus one CD.	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO
8	* Compliance Report (in case of major revisions).	<input type="checkbox"/> YES	<input type="checkbox"/> NO

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 Registrar
 Dr. A.P.J. Abdul Kalam Technical University
 Lucknow

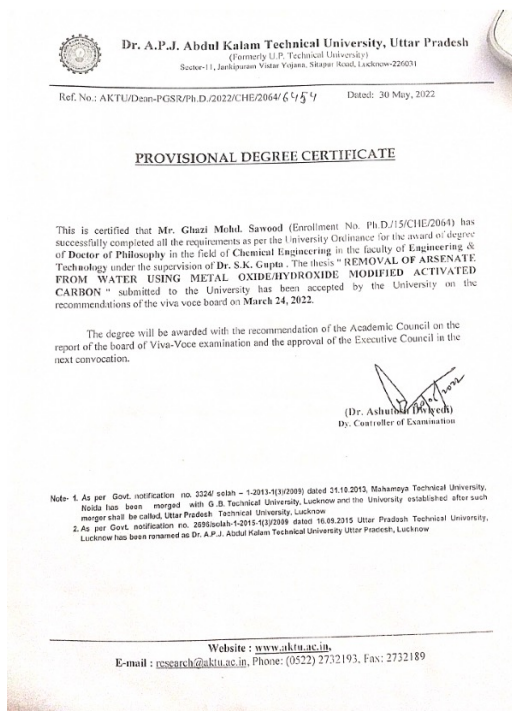
Signature of Thesis Supervisor(s)
 Date: 5/6/17

Signature of the Candidate
 Anoop Kumar Shukla


(Prof. S.K. Sharma)
 Registrar
 Harcourt Butler Technical University
 Kanpur-208002

Department of Chemical Engineering

1.



Citation Details



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Please use this link for citation	http://hdl.handle.net/10603/375418
Title of the Thesis	Removal Of Arsenate From Water Using Metal Oxide Hydroxide Modified Activated Carbon
Name of the Researcher	Ghazi Mohd Sawood
Name of the Guide	S K Gupta
Completed Year	2022
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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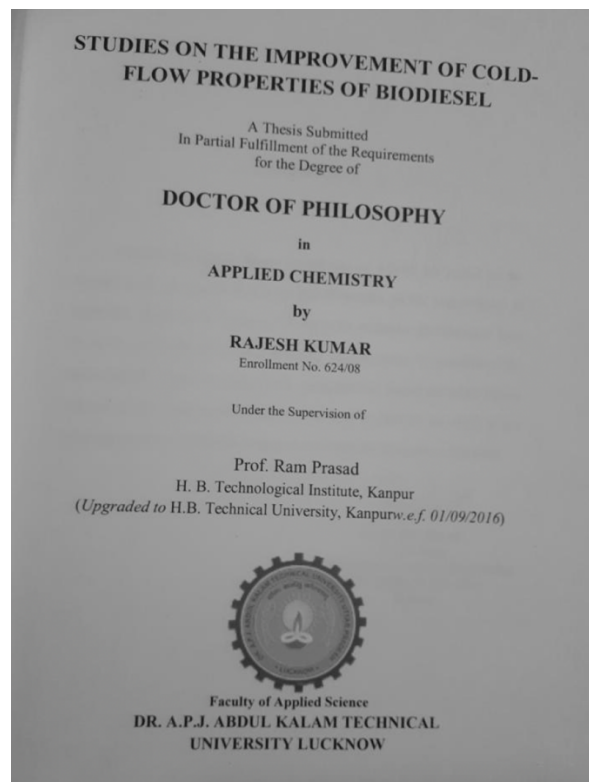
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Please use this link for citation	http://hdl.handle.net/10603/351230
Title of the Thesis	Modeling Of Particle Size Distribution In Butyl Acrylate Emulsion Polymerization
Name of the Researcher	Tulika Gaur
Name of the Guide	Ashwini Sood
Completed Year	2021
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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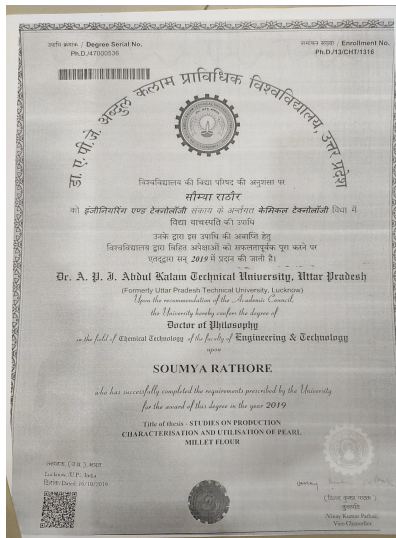
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(Prof. S.K. Sharma)
Registrar
Harcourt Butler Technical University
Kanpur-208002

Department of Food Technology

1.



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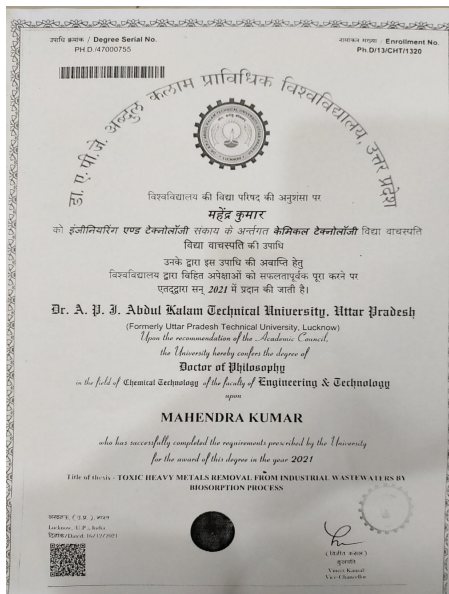
Please use this link for citation	http://hdl.handle.net/10603/309228
Title of the Thesis	Studies on production characterisation and utilisation of pearl millet flour
Name of the Researcher	Soumya Rathore
Name of the Guide	Karunakar Singh
Completed Year	2018
Name of the Department	dean PG Studies and Research
Name of the University	Dr. A.P.J. Abdul Kalam Technical University Created and maintained by INFLIBNET Centre

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Harcourt Butler Technical University
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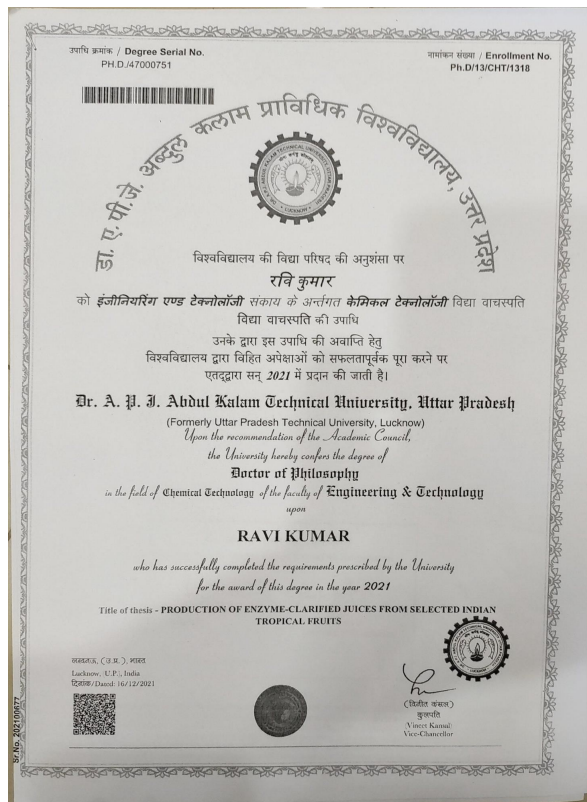
Citation Details 


Download Citation  a repository of Indian theses


Please use this link for citation	http://hdl.handle.net/10603/351246
Title of the Thesis	Toxic Heavy Metals Removal From Industrial Wastewaters By Biosorption Process
Name of the Researcher	Mahendra Kumar
Name of the Guide	Alak Kumar Singh and Mohd Sikandar
Completed Year	2021
Name of the Department	dean PG Studies and Research
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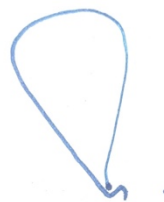


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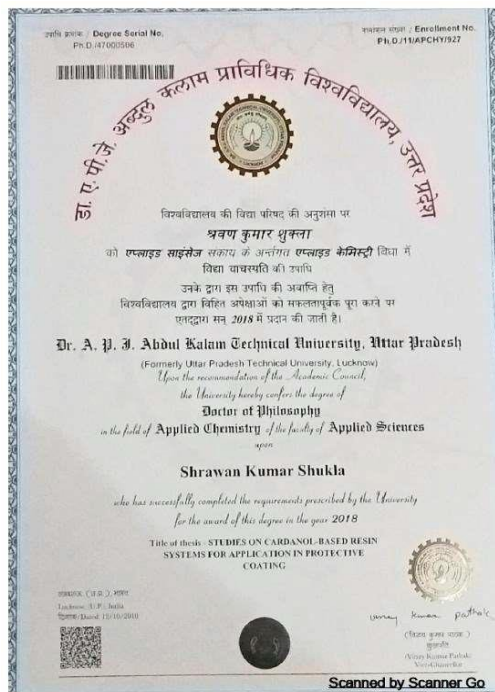
Please use this link for citation	http://hdl.handle.net/10603/351314
Title of the Thesis	Production Of Enzyme Clarified Juices From Selected Indian Tropical Fruits
Name of the Researcher	Ravi Kumar
Name of the Guide	Alak Kumar Singh
Completed Year	2021
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Department of Plastic Technology

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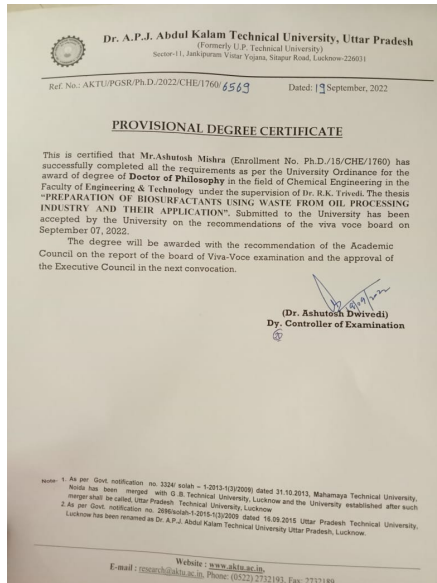
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Title of the Thesis	Synthesis and Characterisation of Multicomponent Superabsorbent Hydrogel Based on Sodium Salts of Alginic Acid Humic Acid and Acrylic Acid
Name of the Researcher	Shipra Agnihotri
Name of the Guide	Reena Singhal
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Title of the Thesis	Preparation of Biosurfactants using Waste from Oil Processes industry and Their Application
Name of the Researcher	Ashutosh Mishra
Name of the Guide	Rakesh Kumar Trivedi
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Name of the Guide	R. K. Trivedi and Alok Das
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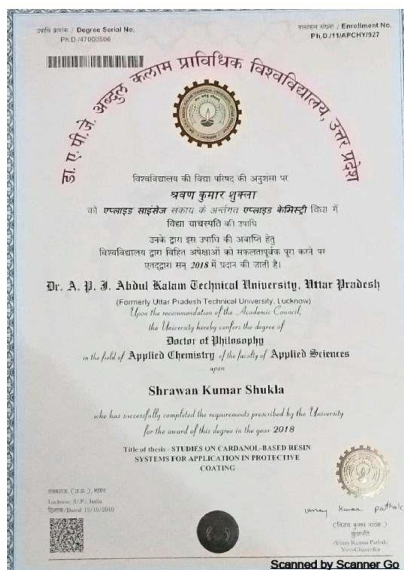
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Title of the Thesis	Preparation and Characterisation of Acrylic Based Anticorrosive Ecofriendly Coatings
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Name of the Guide	Pramod K Kamani
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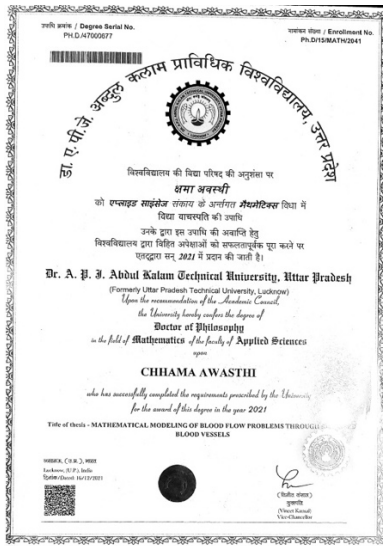
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Title of the Thesis	Mathematical Modeling of Blood Flow Problems through Stenosed Blood Vessels
Name of the Researcher	Chhama Awasthi
Name of the Guide	S.U.Siddiqui
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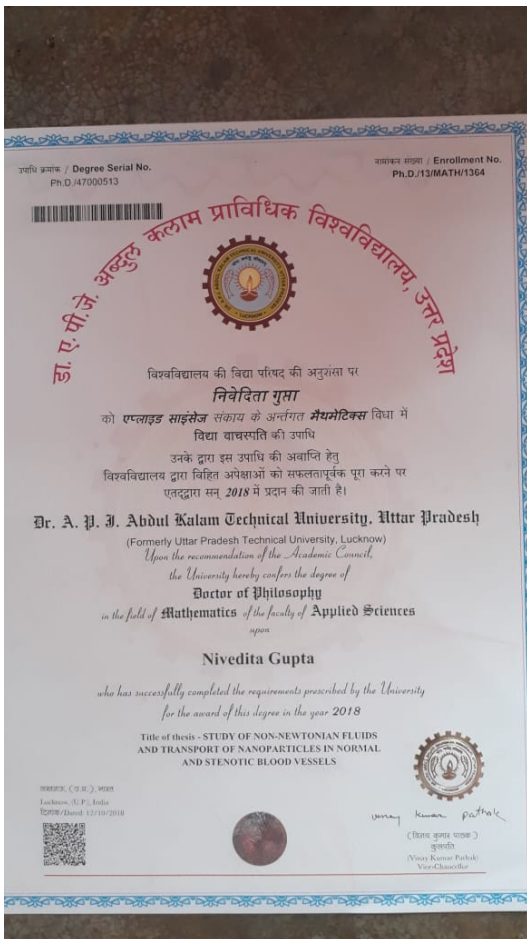



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उपाधि क्रमांक / Degree Serial No. Ph.D./47000372

नामान संख्या / Enrollment No. Ph.D./11/MATH/937


डा. ए. पी. जे. अब्दुल कलाम प्राविधिक विश्वविद्यालय, उत्तर प्रदेश

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को एप्लाइड साइंसेज संकाय के अर्न्तगत मैथमेटिक्स विधा में
विद्या वाचस्पति की उपाधि
उनके द्वारा इस उपाधि की अवाप्ति हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्वारा सन् 2017 में प्रदान की जाती है।

Dr. A. P. J. Abdul Kalam Technical University, Uttar Pradesh
(Formerly Uttar Pradesh Technical University, Lucknow)
Upon the recommendation of the Academic Council,
the University hereby confers the degree of
Doctor of Philosophy
in the field of **Mathematics** of the faculty of **Applied Sciences**
upon
Swati Srivastava
who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2017
Title of thesis - MATHEMATICAL MODELLING OF
INTRAOCULAR FLOW PHENOMENA

लखनऊ, (उ.प्र.), भारत
Lucknow, (U.P.), India
दिनांक/Date: 23/01/2017

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कुलपति
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Vice-Chancellor


(Prof. S.K. Sharma)
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Kanpur-208002

Department of Physics

1.

“FABRICATION, CHARACTERIZATION AND MORPHOLOGY OF NATURAL PARTICLE REINFORCED EPOXY POLYMER”

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY

in
Physics

by

Savita Singh
(Ph.D./15/PHY/2038)

Under the Supervision of
Dr. Sudhir Kumar Sharma
Harcourt Butler Technical University Kanpur



to the
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Name of the Guide	Sudhir Kumar Sharma
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PHOTOCONDUCTIVITY AND AC CONDUCTIV IN Ag DOPED CHALCOGENIDE GLASSES

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY

by

SURESH KUMAR SHARMA
(Enroll. No. Ph.D./13/PHY/1106)

Under the Supervision of

PROF. R. K. SHUKLA
Department of Physics
Harcourt Butler Technical University, Kanpur
(Formerly H.B.T.I., Kanpur)



to the
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3.

**ISO-CONVERSIONAL KINETIC STUDY OF
NON-ISOTHERMAL CRYSTALLIZATION
IN GLASSY SEMICONDUCTORS**

A Thesis Submitted
in Partial Fulfillment of the Requirements
for the Degree of

DOCTOR OF PHILOSOPHY

by

Karishma Singh
(Enrollment No.: Ph.D./13/PHY/1623)

Under the Supervision of

Dr. S.K. Sharma
Department of Physics, School of Basic & Applied Sciences
Harcourt Butler Technical University (Formerly H.B.T.I., Kanpur)
Kanpur-208002 (India)



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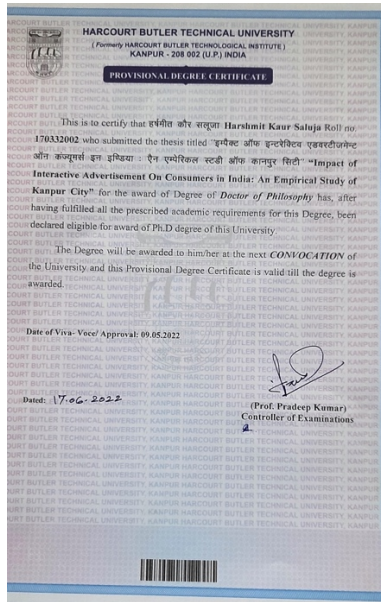
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Humanities and Social Sciences

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Title of the Thesis	Impact of interactive advertisement on consumers in India an empirical study of Kanpur city
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Name of the Guide	Yadav, Vinod Kumar
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Title of the Thesis	Quality assessment and parameter computation of compressed images by deep multi image compression with moving object
Name of the Researcher	Tekwani, Hema
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Name of the Researcher	Gupta, Vidhi
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Title of the Thesis	Performance enhancement of routing algorithms in mobile ad hoc network
Name of the Researcher	Pandey, Priyanka
Name of the Guide	Singh, Raghuraj
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Title of the Thesis	Design and analysis of rectenna for rf energy harvesting
Name of the Researcher	Pandey, Rashmi
Name of the Guide	Shankhwar, A K
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Title of the Thesis	Design and implementation of image fusion technique for image quality enhancement
Name of the Researcher	Singh, Vineeta
Name of the Guide	Kaushik, Vandana Dixit
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Name of the Department	Computer Science and Engineering
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