



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

Total Number of Ph.D. awarded in last five years is 39. Sample proofs are given below:



Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh

(Formerly U.P. Technical University)

Sector-11, Jankipuram Vistar Yojana, Sitapur Road, Lucknow-226031

Ref. No.: AKTU/Dean-PGSR/Ph.D./2022/CHE/2064/ ८५५५

Dated: 30 May, 2022

PROVISIONAL DEGREE CERTIFICATE

This is certified that **Mr. Ghazi Mohd. Sawood** (Enrollment No. Ph.D./15/CHE/2064) has successfully completed all the requirements as per the University Ordinance for the award of degree of **Doctor of Philosophy** in the field of **Chemical Engineering** in the faculty of **Engineering & Technology** under the supervision of **Dr. S.K. Gupta**. The thesis "**REMOVAL OF ARSENATE FROM WATER USING METAL OXIDE/HYDROXIDE MODIFIED ACTIVATED CARBON**" submitted to the University has been accepted by the University on the recommendations of the viva voce board on **March 24, 2022**.

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. Ashutosh Dwivedi)
Dy. Controller of Examination

- Note- 1. As per Govt. notification no. 3324/ solah - 1-2013-1(3)/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. 2696/solah-1-2015-1(3)/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

डिग्री क्रमांक / Degree Serial No.
*PH.D./47000762

रजिस्ट्रेशन नंबर / Enrollment No.
Ph.D/13/CHT/1308



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



विश्वविद्यालय की विद्या परिषद की अनुमति पर

शिव चरन प्रजापति

को इंजीनियरिंग एण्ड टेक्नोलॉजी संकाय के अन्तर्गत **केमिकल टेक्नोलॉजी** विद्या वाचस्पति
विद्या वाचस्पति की उपाधि

उनके द्वारा इस उपाधि की अर्जा हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्वारा सन् 2021 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 Chemical Technology of the faculty of Engineering & Technology
upon

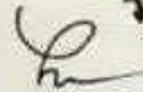
SHIV CHARAN PRAJAPATI

who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2021

Title of thesis – **PREPARATION & CHARACTERISATION OF ACRYLIC BASED ANTICORROSIVE
ECO-FRIENDLY COATINGS**

UNIVERSITY (U.P.), Lucknow
Lucknow, U.P., India
Date / Issue: 16/12/2021



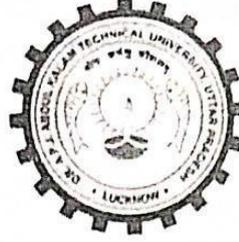

(**शिव चरन**)
कुलपति
Vice-Chancellor

उपाधि क्रमांक / Degree Serial No.
PH.D/J47000734

समावेश संख्या Enrollment No
Ph.D/13/CHE/1307



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



विश्वविद्यालय की विद्या पाण्ड्य की अनुशंसा पर

तुलिका गौर

को इंजीनियरिंग एण्ड टेक्नोलॉजी संकाय के अर्न्तगत केमिकल इंजीनियरिंग विद्या वाचस्पति
विद्या वाचस्पति की उपाधि

उनके द्वारा इस उपाधि की अवाप्ति हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्वारा सन् 2021 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 Chemical Engineering of the faculty of Engineering & Technology
upon*

TULIKA GAUR

*who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2021*

**Title of thesis - MODELING OF PARTICLE SIZE DISTRIBUTION IN BUTYL ACRYLATE EMULSION
POLYMERIZATION**

लखनऊ, (उ.प्र.), भारत

Lucknow, (U.P.), India

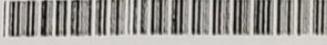
दिनांक/Dated: 16/12/2021



(विनीत कंसल)
कुलपति
(Vinet Kansal)
Vice-Chancellor

उपाधि क्रमांक / Degree Serial No.
PH.D./47000755

नामांकन माह्या / Enrollment No.
Ph.D/13/CHT/1320



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



विश्वविद्यालय की विद्या परिषद की अनुशंसा पर

महेंद्र कुमार

को इंजीनियरिंग एण्ड टेक्नोलॉजी संकाय के अर्न्तगत **केमिकल टेक्नोलॉजी** विद्या वाचस्पति
विद्या वाचस्पति की उपाधि

उनके द्वारा इस उपाधि की अवाप्ति हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्द्वारा सन् 2021 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 Chemical Technology of the faculty of Engineering & Technology
upon*

MAHENDRA KUMAR

*who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2021*

Title of thesis - **TOXIC HEAVY METALS REMOVAL FROM INDUSTRIAL WASTEWATERS BY
BIOSORPTION PROCESS**

लखनऊ, (उ.प्र.), भारत
Lucknow, (U.P.), India
दिनांक/Date: 16/12/2021



(विवेक कंसल)
कुलपति
Vinet Kansal
Vice-Chancellor

उपाधि क्रमांक / Degree Serial No.
PH.D./47000751

नामांकन संख्या / Enrollment No.
Ph.D/13/CHT/1318



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



विश्वविद्यालय की विद्या परिषद की अनुशंसा पर

रवि कुमार

को इंजीनियरिंग एण्ड टेक्नोलॉजी संकाय के अन्तर्गत केमिकल टेक्नोलॉजी विद्या वाचस्पति
विद्या वाचस्पति की उपाधि

उनके द्वारा इस उपाधि की अवाप्ति हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्वारा सन् 2021 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 Chemical Technology of the faculty of Engineering & Technology
upon*

RAVI KUMAR

*who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2021*

Title of thesis - PRODUCTION OF ENZYME-CLARIFIED JUICES FROM SELECTED INDIAN
TROPICAL FRUITS

लखनऊ, (उ.प्र.), भारत
Lucknow, U.P., India
दिनांक/Dated: 16/12/2021



(विदीत कंसल)
कुलपति
(Vinet Kansal)
Vice-Chancellor

Sr.No. 202100677



Dr. A.P.J. Abdul Kalam Technical University, Uttar Pradesh

(Formerly U.P. Technical University)

Sector-11, Jankipuram Vistar Yojana, Sitapur Road, Lucknow-226031

Ref. No.: AKTU/Dean-PGSR/Ph.D./2021/CA/1568/626

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.


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

Note- 1. As per Govt. notification no. 3324/ solah - 1-2013-1(3)/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. 2696/solah-1-2015-1(3)/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

उपाधि क्रमांक / Degree Serial No.
Ph.D./47000536

नामांकन संख्या / Enrollment No.
Ph.D./13/CHT/1316



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



विश्वविद्यालय की विद्या परिषद की अनुशंसा पर
सौम्या राठौर

को इंजीनियरिंग एण्ड टेक्नोलॉजी संकाय के अन्तर्गत केमिकल टेक्नोलॉजी विद्या में
विद्या वाचस्पति की उपाधि

उनके द्वारा इस उपाधि की अवाप्ति हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्वारा सन् 2019 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 Chemical Technology of the faculty of Engineering & Technology
upon*

SOUMYA RATHORE

*who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2019*

Title of thesis - STUDIES ON PRODUCTION
CHARACTERISATION AND UTILISATION OF PEARL
MILLET FLOUR

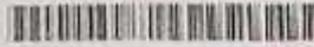
लखनऊ, (उ.प्र.), भारत
Lucknow, (U.P.), India
दिनांक/Dated: 16/10/2019



Vinay Kumar Pathak
(विनाय कुमार पाठक)
कुलपति
(Vinay Kumar Pathak)
Vice-Chancellor

उपाधि क्रमांक / Degree Serial No.
Ph.D./47000596

समावेशन संख्या / Enrollment No.
Ph.D./11/APCHY/927



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



विश्वविद्यालय की विद्या परिषद की अनुमति पर

श्रवण कुमार शुक्ला

को एप्लाइड साइंसेज संकाय के अन्तर्गत एप्लाइड केमिस्ट्री विद्या में
विद्या याचस्पति की उपाधि

उनके द्वारा इस उपाधि की अर्जा हेतु
विश्वविद्यालय द्वारा विहित अपेक्षाओं को सफलतापूर्वक पूरा करने पर
एतद्वारा सन् 2018 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 Applied Chemistry of the faculty of Applied Sciences
upon

Shrawan Kumar Shukla

who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2018

Title of thesis - **STUDIES ON CARDANOL-BASED RESIN
SYSTEMS FOR APPLICATION IN PROTECTIVE
COATING**



UNIVERSITY (U.P.) भारत
Lucknow, U.P., India
दिनांक / Date: 19/10/2018



Vinay Kumar Pathak

(विनाय कुमार पाठक)
कुलपति

Vinay Kumar Pathak
Vice-Chancellor

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उपाधि क्रमांक / Degree Serial No.
Ph.D./47000374

नामांकन संख्या / Enrollment No.
Ph.D./04/APCHY/168



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



विश्वविद्यालय की विद्या परिषद की अनुशंसा पर
अभिषेक श्रीवास्तव
को एप्लाइड साइंसेज संकाय के अर्न्तगत एप्लाइड केमिस्ट्री विद्या 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 of

Doctor of Philosophy

in the field of Applied Chemistry of the faculty of Applied Sciences
upon

Abhishek Srivastava

who has successfully completed the requirements prescribed by the University
for the award of this degree in the year 2017

Title of thesis - SYNTHESIS AND CHARACTERIZATION
OF ECO-FRIENDLY COATINGS BASED ON
POLYURETHANE- ACRYLATE RESINS AND THEIR
BLENDS

लखनऊ, (उ.प्र.), भारत
Lucknow, (U.P.), India
दिनांक / Date: 12/12/2017



Vinay Kumar Pathak

(विनाय कुमार पाठक)
कुलपति
(Vinay Kumar Pathak)
Vice-Chancellor