List of faculty with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. is provided having particulars of degree awarding university, subject, the year of award and Degree certificate for the said assessment period authenticated by the Principal's Signature Academic Year 2018-19

|                                   |              |           |                                |        |                        | Full time                         | teachers with NE                  | T/SET/SLET/   | Ph. D./D.Sc. / D.           | Litt./L.L.D. durir  | ng the AY 2018-1             | 9   |                           |                             |
|-----------------------------------|--------------|-----------|--------------------------------|--------|------------------------|-----------------------------------|-----------------------------------|---|-----------------------------|---|------------------------------|---|---------------------------|-----------------------------|
| Name                              | ID number    | Vidwan Id | Email                          | Gender | Designation            | Date of<br>joining<br>institution | Date of<br>Leaving<br>institution | Nature of<br>appointmen<br>t<br>(temporary/<br>permanent) | Department                  | Highest<br>Qualification<br>(NET/SET/SLE<br>T/ Ph. D./D.Sc. /<br>D.Litt./L.L.D. )<br>and Year of<br>obtaining | Specialization               | University  | Year of<br>completi<br>on | Title of                    |
| Dr. Nilesh<br>Pitambarrao Salunke | 517728104845 | 429740    | nilesh.salunke@<br>svkm.ac.in  | Male   | Principal              | 30-12-2017                        | -                                 | Permanent   | Mechanical<br>Engineering   | Ph.D (2018)   | Mechanical<br>Engineering    | Sardar Vallabhbhai<br>National Institute of<br>Technolgy, surat | 2018                      | Genera<br>an Axia<br>Couple |
| Dr. Tushar<br>Raghunath Shinde    | 956349831869 | 429002    | tushar.shinde@s<br>vkm.ac.in   | Male   | Assistant<br>Professor | 28-08-2017                        | -                                 | Permanent   | Applied Science<br>(Chem.)  | Ph.D (2015)   | Physical<br>Chemistry        | Charles University,<br>Prague, Czech Republic,<br>EU            | 2015                      | Ruthen<br>Sieves a          |
| Dr. Dhananjay<br>Pralhad Patil    | 556071756539 | 450570    | dhananjay.patil<br>@svkm.ac.in | Male   | Assistant<br>Professor | 24-07-2017                        |                                   | Permanent   | Applied Science             | Ph.D (2013)   | Arts and Fine<br>Arts        | Savitribai Phule Pune<br>University                             | 2013                      | Observa<br>the Sele         |
| Dr. Manoj Rambhau<br>Sonawane     | 684678913242 | 428895    | manoj.sonawane<br>@svkm.ac.in  | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Applied Science<br>(Chem.)  | Ph.D (2015)   | Organic<br>Chemistry         | Charles University,<br>Prague, Czech Republic,<br>EU            | 2015                      | I.Synthe<br>Synthes         |
| Mr. Jameel Ahmad<br>Ansari        | 465847699489 | 450580    | jameel.ansari@s<br>vkm.ac.in   | Male   | Assistant<br>Professor | 01-08-2017                        | 24-07-2018                        | Permanent   | Applied Science             | PG (2005), SET<br>(2013)  | Mathematics                  | University of Pune  | 2005                      | Mathem                      |
| Mr. Chandu Motilal<br>Koli        | 327953278030 | 428917    | chandu.koli@sv<br>km.ac.in     | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Applied Science<br>(Maths.) | PG (2005), SET<br>(2016)  | Computational<br>Mathematics | North Maharashtara<br>University, Jalgaon                       | 2005                      | Mathem                      |
| Mr. Prashant Ramesh<br>Gawade     | 350803726496 | 450499    | prashant.gawade<br>@svkm.ac.in | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | Applied Science<br>(Maths.) | PG (2010), SET<br>(2019)  | Mathematics                  | North Maharashtara<br>University, Jalgaon                       | 2010                      | Mathem                      |
| Mr. Sachin Dilip<br>Nerkar        | 703342320800 | 428897    | sachin.nerkar@s<br>vkm.ac.in   | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | Applied Science<br>(Phy.)   | PG (2015), SET<br>(2016)  | Physics                      | North Maharashtara<br>University, Jalgaon                       | 2015                      | Physical                    |
| Mr. Lahu Paraji<br>Aware          | 995603505864 | 429017    | lahu.aware@svk<br>m.ac.in      | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | Applied Science<br>(Maths.) | PG (2009), SET<br>(2014)  | Mathematics                  | Savitribai Phule Pune<br>University                             | 2009                      | Mathem                      |

| of Thesis  |
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| ration and Optimization of high Pressure Ratio Blade Section for<br>xial flow Compressor Using Bezier Parsec Parameterization<br>led With Genetic algorithm and CFD approach |
| enium Alkylidenes Immobilized on Mesoporous Molucular<br>s as Catalysts for Olefin Metathesis  |
| rvance and Violation of Cooperative and Politeness Principles in elected Novels of Mull Raj Anand  |
| thesis and Application of N-Silyloxy Enamines II. Helquats:<br>tesis and Properties  |
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# Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                | Academic<br>Year | Date       | Year of<br>Award | Department                | Page<br>No |
|------------|--------------------------------|------------------|------------|------------------|---------------------------|------------|
| 1          | Dr. Nilesh Pitambarrao Salunke | 2018-2019        | 13/10/2018 | 2018             | Mechanical<br>Engineering | 1          |
| 2          | Dr. Tushar Raghunath Shinde    | 2018-2019        | 16/07/2018 | 2018             | Applied<br>Science        | 2          |
| 3          | Dr. Manoj Rambhau Sonawane     | 2014-2015        | 19/01/2015 | 2015             | Applied<br>Science        | 3          |
| 4          | Mr. Chandu Motilal Koli        | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 4          |
| 5          | Mr. Sachin Dilip Nerkar        | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 5          |
| 6          | Mr. Lahu Paraji Aware          | 2013-2014        | 01/12/2013 | 2013             | Applied<br>Science        | 6          |
| 7          | Dr. Dhananjay Pralhad Patil    | 2013-2014        | 19/10/2013 | 2013             | Applied<br>Science        | 7          |
| 8          | Mr. Jameel Ahmad Ansari        | 2013-2014        | 01/12/2013 | 2013             | Applied<br>Science        | 8          |

### Academic Year 18-19



# Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

#### Academic Year 18-19

| Sr.<br>No. | Name of Faculty                   | Academic<br>Year | Date       | Year of<br>Award | Title  |
|------------|-----------------------------------|------------------|------------|------------------|--|
| 1          | Dr. Nilesh Pitambarrao<br>Salunke | 2018-2019        | 13-10-2018 | 2018             | Generation and Optimization of high<br>Pressure Ratio Blade Section for an Axial flow<br>Compressor Using Bezier Parsec<br>Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 2          | Dr. Tushar Raghunath<br>Shinde    | 2018-2019        | 16-07-2018 | 2018             | Ruthenium Alkylidenes Immobilized on<br>Mesoporous Molucular Sieves as Catalysts<br>for Olefin Metathesis  |
| 3          | Dr. Manoj Rambhau<br>Sonawane     | 2014-2015        | 19-01-2015 | 2015             | I.Synthesis and Application of N-Silyloxy<br>Enamines II. Helquats: Synthesis and<br>Properties  |
| 4          | Mr. Chandu Motilal<br>Koli        | 2015-2016        | 29-05-2016 | 2016             | Mathematics  |
| 5          | Mr. Sachin Dilip<br>Nerkar        | 2015-2016        | 29-05-2016 | 2016             | Physical Science   |
| 6          | Mr. Lahu Paraji Aware             | 2013-2014        | 01-12-2013 | 2013             | Mathematics  |
| 7          | Dr. Dhananjay Pralhad<br>Patil    | 2013-2014        | 19-10-2013 | 2013             | Observance and Violation of Cooperative and<br>Politeness Principles in the Selected Novels<br>of Mull Raj Anand   |
| 8          | Mr. Jameel Ahmad<br>Ansari        | 2013-2014        | 01-12-2013 | 2013             | Mathematics  |





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE DF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Mechanical Engineering on Salunke Nilesh Pitambarrao who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2018, the thesis entitled: Generation and Optimization of High Pressure Ratio Blade Section for an Axial Flow Compressor Using Bezier Parsec Parameterization Coupled with Genetic Algorithm and CFD Approach Given this day, under the seal of the Institute at Surat in the Republic of India, the Chirteenth of October, 2018. Chairm

Sr No.: D09ME008/10/2018 - 4 2



| Dr. Nilesh Pitambarrao<br>Salunke | Sardar<br>Vallabhbhai<br>National<br>Institute of<br>Technolgy,<br>surat | Mechanical<br>Engineering | 2018 | Generation and Optimization of high<br>Pressure Ratio Blade Section for an<br>Axial flow Compressor Using Bezier<br>Parsec Parameterization Coupled<br>With Genetic algorithm and CFD<br>approach |
|-----------------------------------|--|---------------------------|------|---|
|-----------------------------------|--|---------------------------|------|---|







## भारतीय विश्वविद्यालय संघ ASSOCIATION OF INDIAN UNIVERSITIES AlU HOUSE, 16, Comrade Indrajit Gupta Marg, New Delhi-110 002

EPABX : 91-011 23230059 (6 lines) / FAX : 91-011- 23232131 http://www.aiu.ac.in E-mail : evaluation@aiu.ac.in

#### E.C. Nº 023603

16.07.2018 Date

# EQUIVALENCE CERTIFICATE

NAME: Mr/Ms.

**TUSHAR RAGHUNATH SHINDE** 

DEGREE/DIPLOMA

AWARDING UNIVERSITY / INSTITUTION STATUS of the awarding Institution

Doctor of Philosophy

Charles University in Prague Praha, Czech Republic,

Charles University in Prague is an accredited University in Czech Republic listed on Page 1138 of 'International Handbook of Universities' -2017.

SCORE / GRADE

As shown on the Academic Transcript

#### EVALUATION OF EDUCATIONAL CREDENTIALS

TUSHAR RAGHUNATH SHINDE has obtained Doctor of Philosophy Degree in Physical Chemistry - Ruthenium alkylidenes immobilized on mesoporous molecular sieves as catalysts for olefin metathesis' from Charles University in Prague(Univerzita accredited University in Czech Republic -Karlova V Praze) an this EQUATED with Doctor of Philosophy Degree qualification is in the corresponding field of an Indian University.

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

sluation)

Association of Indian Universities A&J House, 15, Contrade Indrajt Gupta Marg. New Cells-110002

ational@aiuw invate New Delhi, Ga AUTHORITY: Mielstry of Human Reso arce Deve o.F15-17/94-TS-IV dt 13 March 1995.

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| Dr. Tushar Raghunath<br>Shinde | Charles<br>University in<br>Parague | Physical<br>Chemistry | 2018 | Ruthenium Alkylidenes<br>Immobilized on Mesoporous<br>Molucular Sieves as Catalysts for<br>Olefin Metathesis |
|--------------------------------|-------------------------------------|-----------------------|------|--|
|--------------------------------|-------------------------------------|-----------------------|------|--|







Charles University in Prague, Faculty of Science Albertov 6, 128 43 Prague 2, Czech Republic tel. -fax +420-224921111

# CERTIFICATE

Charles University in Prague, Faculty of Science confirms herewith that

Manoj Rambhau Sonawane

born on 14th September, 1984 in Dhule, India has fulfilled the requirements of the Ph.D. study in Organic chemisstry

with thesis:

" I. Synthesis and Application of N-Silyloxy Enamines II. Helquats: Synthesis and Properties"

at Charles University in Prague, Faculty of Science on 19th January, 2015

On this basis he was awarded the title "Doctor" This degree corresponds to the scientific degree of "Doctor of Philosophy (Ph.D.)" according to the British system of Scientific Degrees.

17

Prof. RNDr. Bohuslav Gaš, CSc. Dean Charles University in Prague Faculty of Science

Prague, 19th January, 2015 UNIVERZITA KAPLOVA v Praze Prind w edecka fakulta Alberton to 128 13 Praha 2 ICO: 00216208, DIC: CZ00216208 UK 121

| Dr. Manoj Rambhau<br>Sonawane | Charles<br>University in<br>Parague | Organic<br>Chemistry | 2015 | I.Synthesis and Application of N-<br>Silyloxy Enamines II. Helquats:<br>Synthesis and Properties |
|-------------------------------|-------------------------------------|----------------------|------|--|
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STATE ELIGIBILITY TEST

# STATE ELIGIBILITY TEST (SET) FOR ASSISTANT PROFESSORSHIP Conducted by Savitribai Phule Pune University as the State Agency (Ref.: Government of Maharashtra Resolution No.: USG-1391/2066/VS-4 dt. 14-7-1994) (Accredited by University Grants Commission, New Delhi) (Valid in the States of Maharashtra & Goa only) Seat No. : 603516 Certified that KOLI CHANDU MOTILAL Son / Daughter of KOLI SUMANBAI MOTILAL (Mother) and KOLI MOTILAL ONKAR (Father) has qualified the State Eligibility Test held on 29th May 2016 in the subject Mathematical Sciences. His / Her Post-graduation subject is Mathematics. MEMBER SECRETARY CHAIRMAN (STEERING COMMITTEE, SET) (STEERING COMMITTEE, SET) Date of Result: 07/09/2016 Date of Issue: 08/11/2016 Savitribal Phule Pune University, as the authorised Nodal Agency for Government of Maharashtra & Goa, for SET, has issued the certificate based on the attested documents only, provided by the candidate. The appointing authority should verify the original records / certificates of the candidate while considering him/her Note a) for appointment. b) For candidates belonging to Scheduled Caste / Scheduled Tribe / Vimukta Jati / Nomadic Tribes / Other Backwards Class / Special Backward Class / Physically challenged persons with disability category, the appointing authority should check the relevant documents before appointment. c) Authenticity of this certificate should be verified by the employer from the SET website

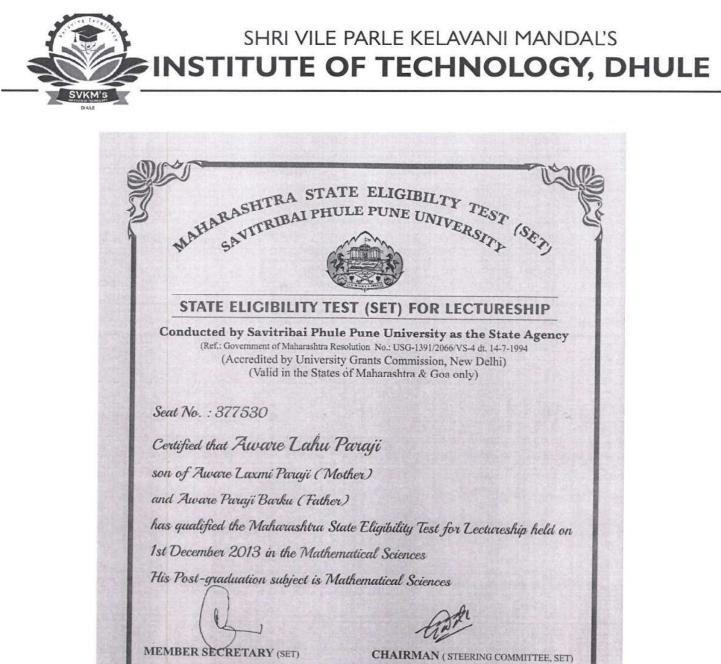
| Mr. Koli Chandu<br>Motilal | State Eligibility test | Mathematical<br>Science | 2016 | Mathematics | and Kiddow |
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|                            |                        | 1                       |      |             | DHULE      |





| Mr. Nerkar<br>Sachin Dilip | State Eligibility<br>test | Physical<br>Science | 2016 | Physical Science |  |
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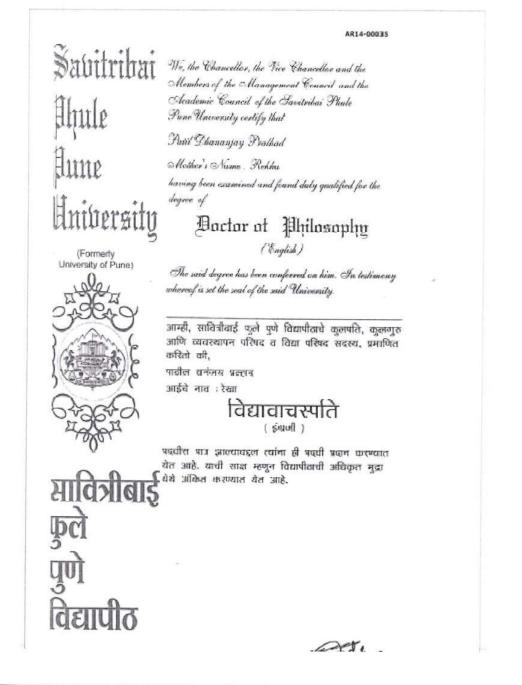
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Date of Tssue : 01/10/2014

- Note : a) Savitribal Phule Pune University (As the authorised Nodal Agency of Government of Maharashtra for SET) has issued the certificate based on the attested documents only, provided by the candidate. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment.
  - b) For SC, ST, OBC, DT, NT, SBC, PH, VH category, the appointing authority should check the relevant documents of scheduled Caste / Scheduled Tribe / Other Backward Class / Denotified Tribe / Nomedic Tribe / Special Backward Class / Physically Handicapped / Visually Handicapped Candidates before appointment.
  - c) Authenticity of this certificate should be verified from the SET website by the employer throug www.setexam.unipune.ac.in

| Mr. Aware Lahu<br>Paraji | State Eligibility test | Mathematical<br>Science | 2013 | Mathematics | Side Park Kalenari da |
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|                          |                        |                         |      |             |                       |





| Dr. Dhananjay Pralhad<br>Patil | Savitribai<br>Phule Pune<br>University | Arts and Fine<br>Arts | 2013 | Observance and Violation of<br>Cooperative and Politeness<br>Principles in the Selected Novels of<br>Mull Raj Anand |
|--------------------------------|--|-----------------------|------|---|
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| SHRI VILE PARLE KELAVA   |                         |
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| INSTITUTE OF TECHN   | OLOGY, DHUL             |
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| DIST   | RIE                     |
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| ARASITRIBAL PHULE PUNE UNIVER  | ST (S.                  |
| NAHARASHTRA STATE ELIGIBILTY TE  | ty en                   |
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| STATE ELIGIBILITY TEST (SET) FOR LECTE   | URESHIP                 |
| Conducted by Savitribai Phule Pune University as the   | State Agency            |
| (Ref. Government of Maharashira Resolution No.: USO-1391/2066/VS-4 d.,<br>(Accredited by University Grants Commission, New Department)   |                         |
| (Valid in the States of Maharashtra & Goa only)  |                         |
|  | N Saturdige             |
| Seat No. : 315381  | CO.                     |
| Certified that Answri Jameel Ah  |                         |
| son of Zahida (Mother)   | 1001240                 |
| and Shakeel Ah (Father)  |                         |
| has qualified the Maharashtra State Eligibility Test for Lect  | weship held on          |
| 1st December 2013 in the Subject Mathematical Sciences   |                         |
| His Post-guaduation subject is Mathematical Sciences   |                         |
| This Tost guaranteen subject is Philosophica Outrice   |                         |
| A A .  |                         |
| (J) W  |                         |
| MEMBER SECRETARY (SET) CHAIRMAN (STEERING  |                         |
| Date of Declaration : 12,06/2014 Dute of Issue : 1   | 01/10/2014              |
| Note: a) Saveribal Phule Pune University (As the authorised Nodal Agency of Government of Mal<br>issued the certificate based on the attested documents only, provided by the candidate. To<br>should verify the original recordstoartificates of the candidate white considering him/her for a  | he appointing authority |
| b) For SC, ST, OBC, DT, NT, SBC, PH, VH category, the appointing authority should check the<br>scheduled Caste / Scheduled Tribe / Other Backward Class / Denotified Tribe / Normadic Tr<br>Class / Physically Handicapped / Visually Handicapped Candidates before appointment.   | relevant documants of   |
| c) Authenticity of this certificate should be varified from the SET website by th<br>www.setimate.unipulse.ac.in   | e employer through      |
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| Mr. Ansari Jameel<br>Ah | State Eligibility test | Mathematical<br>Science | 2013 | Mathematics | Pade Kolora |
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List of faculty with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. is provided having particulars of degree awarding university, subject, the year of award and Degree certificate for the said assessment period authenticated by the Principal's Signature Academic Year 2019-20

|   |              |           | 1                                  |        |                        | Full time te                      | ac+A1:O13h                        | ers with NET/S  | ET/SLET/ Ph. D./D           | .Sc. / D.Litt./L.L.D. d  | uring the AY 2019  | 0-20   |                |
|---|--------------|-----------|------------------------------------|--------|------------------------|-----------------------------------|-----------------------------------|---|-----------------------------|--|--|--|----------------|
| Name                                    | ID number    | Vidwan Id | Email                              | Gender | Designation            | Date of<br>joining<br>institution | Date of<br>Leaving<br>institution | Nature of<br>appointment<br>(temporary/<br>permanent) | Name of the<br>Department   | Highest Qualification<br>(NET/SET/SLET/<br>Ph. D./D.Sc. /<br>D.Litt./L.L.D. ) and<br>Year of obtaining | Specialization   | University   | Year<br>comple |
| Dr. Nilesh<br>Pitambarrao Salunke       | 517728104845 | 429740    | nilesh.salunke@svk<br>m.ac.in      | Male   | Principal              | 30-12-2017                        | -                                 | Permanent   | Mechanical<br>Engineering   | Ph.D (2018)  | Mechanical<br>Engineering  | Sardar Vallabhbhai National<br>Institute of Technolgy, surat                                 | 2018           |
| Dr. Shrikant<br>Bhausaheb<br>Randhavane | 819699103755 | 428888    | shrikant.randhavane<br>@svkm.ac.in | Male   | Assistant<br>Professor | 18-06-2018                        | -                                 | Permanent   | Civil Engineering           | Ph.D (2018)  | Civil Engineering  | Sardar Vallabhbhai National<br>Institute of Technology Surat                                 | 2018           |
| Dr. Vishal Sundarlal<br>Moyal           | 688721369244 | 428849    | vishal.moyal@svkm.<br>ac.in        | Male   | Assistant<br>Professor | 18-08-2017                        | -                                 | Permanent   | Electrical<br>Engineering   | Ph.D (2019)  | Eletrical,<br>Electronics and<br>Telecommunication<br>Engineering and<br>Instrumentation | Chhattisgarh Swami<br>Vivekanand Technical<br>University                                     | 2019           |
| Dr. Bhushan Shivram<br>Chaudhari        | 708314490608 | 428853    | bhushan.chaudhari@<br>svkm.ac.in   | Male   | Assistant<br>Professor | 17-06-2019                        | -                                 | Permanent   | Information<br>Technology   | Ph.D (2019)  | Computer<br>Engineering  | Savitribai Phule Pune<br>University  | 2019           |
| Dr. Tushar<br>Raghunath Shinde          | 956349831869 | 429002    | tushar.shinde@svkm.<br>ac.in       | Male   | Assistant<br>Professor | 28-08-2017                        | -                                 | Permanent   | Applied Science<br>(Chem.)  | Ph.D (2015)  | Physical<br>Chemistry  | Charles University, Prague,<br>Czech Republic, EU  | 2015           |
| Dr. Dhananjay<br>Pralhad Patil          | 556071756539 | 450570    | dhananjay.patil@svk<br>m.ac.in     | Male   | Assistant<br>Professor | 24-07-2017                        | 07-08-2019                        | Permanent   | Applied Science             | Ph.D (2013)  | Arts and Fine<br>Arts  | Savitribai Phule Pune<br>University  | 2013           |
| Dr. Manoj Rambhau<br>Sonawane           | 684678913242 | 428895    | manoj.sonawane@sv<br>km.ac.in      | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Applied Science<br>(Chem.)  | Ph.D (2015)  | Organic<br>Chemistry   | Charles University, Prague,<br>Czech Republic, EU  | 2015           |
| Dr. Neha Narendra Pa                    | 831852649479 | 450496    | neha.pathak@svkm.a<br>c.in         | Female | Assistant<br>Professor | 29-08-2019                        |                                   | Permanent   | Applied Science             | Ph.D (2017)  | Humanities   | Kavayitri Bahinabai Chaudhari<br>North Maharashtra University<br>Jalgaon, Maharashtra, India | 2017           |
| Mr. Chandu Motilal<br>Koli              | 327953278030 | 428917    | chandu.koli@svkm.a<br>c.in         | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Applied Science<br>(Maths.) | PG (2005), SET<br>(2016)   | Computational<br>Mathematics   | North Maharashtra University,<br>Jalgaon   | 2005           |
| Mr. Sachin Dilip<br>Nerkar              | 703342320800 | 428897    | sachin.nerkar@svkm.<br>ac.in       | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | Applied Science<br>(Phy.)   | PG (2015), SET<br>(2016)   | Physics  | North Maharashtra University,<br>Jalgaon   | 2015           |
| Mr. Prashant Ramesh<br>Gawade           | 350803726496 | 450499    | prashant.gawade@sv<br>km.ac.in     | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | Applied Science<br>(Maths.) | PG (2010), SET<br>(2019)   | Mathematics  | North Maharashtra University,<br>Jalgaon   | 2010           |
| Mr. Lahu Paraji<br>Aware                | 995603505864 | 429017    | lahu.aware@svkm.ac<br>.in          | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   |                             | PG (2009), SET<br>(2014)   | Mathematics  | Savitribai Phule Pune<br>University, Pune  | 2009           |

| r of<br>letion | Title of Thesis   |
|----------------|---|
| 18             | Generation and Optimization of high Pressure Ratio<br>Blade Section for an Axial flow Compressor Using<br>Bezier Parsec Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 18             | Application of Hydrodynamic Cavitation to Treat<br>Chlorpyrifos and other Important Parameters from Real<br>Pesticide Wastewater  |
| 19             | Development of Power Efficient, High Gain Fast<br>Setteling, ADC for Biomedical Application   |
| 19             | Development of an Evolving Intrusion Detection<br>Algorithm for Mobile Ad- Hoc Network Based on<br>Particle Swarm Optimization  |
| 15             | Ruthenium Alkylidenes Immobilized on Mesoporous<br>Molucular Sieves as Catalysts for Olefin Metathesis  |
| 13             | Observance and Violation of Cooperative and Politeness<br>Principles in the Selected Novels of Mull Raj Anand   |
| 15             | I.Synthesis and Application of N-Silyloxy Enamines II.<br>Helquats: Synthesis and Properties  |
| 17             | Humanities  |
| )5             | Mathematics   |
| 5              | Physical Science  |
| 0              | Mathematics   |
| 9              | Mathematics   |
|                |   |





# Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                      | Academic<br>Year | Date       | Year of<br>Award | Department                | Page<br>No |
|------------|--------------------------------------|------------------|------------|------------------|---------------------------|------------|
| 1          | Dr. Nilesh Pitambarrao<br>Salunke    | 2018-2019        | 13/10/2018 | 2018             | Mechanical<br>Engineering | 1          |
| 2          | Dr. Vishal Sundarlal Moyal           | 2018-2019        | 08/05/2019 | 2019             | Electrical<br>Engineering | 2          |
| 3          | Dr. Bhushan Shivram<br>Chaudhari     | 2018-2019        | 28/01/2019 | 2019             | Information<br>Technology | 3          |
| 4          | Dr. Shrikant Bhausaheb<br>Randhavane | 2019-2020        | 13/10/2019 | 2019             | Civil<br>Engineering      | 4          |
| 5          | Dr. Tushar Raghunath Shinde          | 2018-2019        | 16/07/2018 | 2018             | Applied<br>Science        | 5          |
| 6          | Dr. Manoj Rambhau<br>Sonawane        | 2014-2015        | 19/01/2015 | 2015             | Applied<br>Science        | 6          |
| 7          | Mr. Chandu Motilal Koli              | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 7          |
| 8          | Mr. Sachin Dilip Nerkar              | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 8          |
| 9          | Mr. Prashant Ramesh<br>Gawade        | 2015-2016        | 23/06/2019 | 2019             | Applied<br>Science        | 9          |
| 10         | Mr. Lahu Paraji Aware                | 2013-2014        | 01/12/2013 | 2013             | Applied<br>Science        | 10         |
| 11         | Dr. Neha Pathak                      | 2018-2019        | 09/02/2019 | 2019             | Applied<br>Science        | 11         |
| 12         | Dr. Dhananjay Pralhad Patil          | 2013-2014        | 19/10/2013 | 2013             | Applied<br>Science        | 12         |

#### Academic Year 19-20



# Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last

## Academic Year 19-20

| Sr.<br>No. | Name of Faculty                      | Academic<br>Year | Date       | Year of<br>Award | Title  |
|------------|--------------------------------------|------------------|------------|------------------|--|
| 1          | Dr. Nilesh Pitambarrao<br>Salunke    | 2018-2019        | 13-10-2018 | 2018             | Generation and Optimization of high Pressure<br>Ratio Blade Section for an Axial flow<br>Compressor Using Bezier Parsec<br>Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 2          | Dr. Vishal Sundarlal<br>Moyal        | 2018-2019        | 08-05-2019 | 2019             | Development of Power Efficient, High Gain<br>Fast Setteling, ADC for Biomedical Application  |
| 3          | Dr. Bhushan Shivram<br>Chaudhari     | 2018-2019        | 28-01-2019 | 2019             | Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad- Hoc<br>Network Based on Particle Swarm<br>Optimization  |
| 4          | Dr. Shrikant Bhausaheb<br>Randhavane | 2019-2020        | 13-10-2019 | 2019             | Application of Hydrodynamic Cavitation to<br>Treat Chlorpyrifos and other Important<br>Parameters from Real Pesticide Wastewater   |
| 5          | Dr. Tushar Raghunath<br>Shinde       | 2018-2019        | 16-07-2018 | 2018             | Ruthenium Alkylidenes Immobilized on<br>Mesoporous Molucular Sieves as Catalysts for<br>Olefin Metathesis  |
| 6          | Dr. Manoj Rambhau<br>Sonawane        | 2014-2015        | 19-01-2015 | 2015             | I.Synthesis and Application of N-Silyloxy<br>Enamines II. Helquats: Synthesis and<br>Properties  |
| 7          | Mr. Chandu Motilal Koli              | 2015-2016        | 29-05-2016 | 2016             | Mathematics  |
| 8          | Mr. Sachin Dilip Nerkar              | 2015-2016        | 29-05-2016 | 2016             | Physical Science   |
| 9          | Mr. Prashant Ramesh<br>Gawade        | 2015-2016        | 23-06-2019 | 2019             | Mathematics  |
| 10         | Mr. Lahu Paraji Aware                | 2013-2014        | 01-12-2013 | 2013             | Mathematics  |
| 11         | Dr. Neha Pathak                      | 2018-2019        | 09-02-2019 | 2019             | Humanities   |
| 12         | Dr. Dhananjay Pralhad<br>Patil       | 2013-2014        | 19-10-2013 | 2013             | Observance and Violation of Cooperative and<br>Politeness Principles in the Selected Novels of<br>Mull Raj Anand   |





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Mechanical Engineering nn Salunke Nilesh Pitambarrao who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2018, the thesis entitled: Generation and Optimization of High Pressure Ratio Blade Section for an Axial Flow Compressor Using Bezier Parsec Parameterization Coupled with Genetic Algorithm and CFD Approach Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2018. Senate & Board of Gov

Sr No.: D09ME008/10/2018 - 4 2



| Dr. Nilesh Pitambarrao<br>Salunke | Sardar<br>Vallabhbhai<br>National<br>Institute of<br>Technolgy,<br>surat | Mechanical<br>Engineering | 2018 | Generation and Optimization of high<br>Pressure Ratio Blade Section for an<br>Axial flow Compressor Using Bezier<br>Parsec Parameterization Coupled<br>With Genetic algorithm and CFD<br>approach |
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| Dr. Vishal Sundar<br>Moyal  | lal  | Chhattisgarh<br>Swami<br>Vivekanand<br>Technical<br>University   | Eletrical,<br>Electronics and<br>Telecommunication<br>Engineering and<br>Instrumentation   | 2019  |  | of Power Efficient,<br>at Setteling, ADC for<br>pplication  |

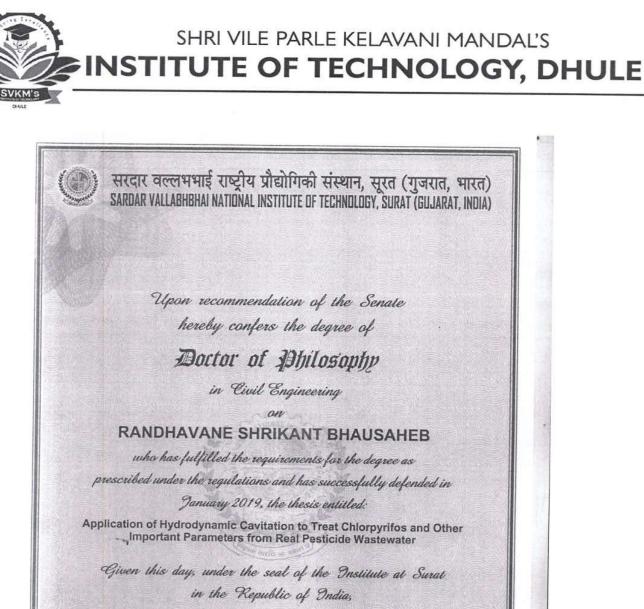




| <ul> <li>the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.</li> <li>RELEVANT DETAILS ARE AS UNDER: <ol> <li>Faculty</li> <li>Science &amp; Technology</li> </ol> </li> <li>Subject</li> <li>Computer Engineering</li> <li>Title of the Thesis</li> <li>"Development of an Evolving Intrusion Detection Algorithm for Mobile Ad-hoc Network based on Particle Swarm Optimization"</li> <li>Place of Research</li> <li>Department Computer Engineering &amp; Research Centre, Eklahare, Nashik.</li> </ul> <li>Name and Address of the Guide</li> <li>Date of Registration</li> <li>20<sup>th</sup> April, 2015</li> <li>Date of Declaration of Evolving Intrusion Section of Result</li>   |                    |  | (All all all all all all all all all all |   |
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| Declaration of Result of the Doctor of Philosophy (Ph.D.)         Chaudhari Bhushan Shivram       ( 회묘값 भुषण शिवराम )         Mother's Name : Lata       ( लजा )         University has accepted the thesis submitted by the above-mentioned candidate for the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.         RELEVANT DETAILS ARE AS UNDER:       1         1       Faculty       : Science & Technology         2       Subject       : Computer Engineering         3       Title of the Thesis       : "Development of an Evolving Intrusion Detection Algorithm for Mobile Ad-hoc Network based on Particle Swarm Optimization"         4       Place of Research       : Department Computer Engineering Matoshri College of Engineering & Research Centre, Eklahare, Nashik.         5       Name and Address of the Guide       : Dr. Rajesh Prasad Department Computer Engineering Matoshri College of Engineering Matoshri College of Engineering & Matoshri College of Engineering Matoshri College of Engineer |                    |  |  |   |
| Chaudhari Bhushan Shivram<br>Mother's Name : Lata       ( 회환권 및ਯਾ ( 한려고 म )<br>( 장ଗ )         University has accepted the thesis submitted by the above-mentioned candidate for<br>the award of Ph.D., as per reports of referees and examiners of open defense of the<br>thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is<br>declared to have passed the examination of Ph. D. and has become eligible for the<br>award of Ph. D. Degree.         RELEVANT DETAILS ARE AS UNDER:       1         1       Faculty       : Science & Technology         2       Subject       : Computer Engineering         3       Title of the Thesis       : "Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad-hoc<br>Network based on Particle Swarm<br>Optimization"         4       Place of Research       : Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.         5       Name and Address of<br>the Guide       : Dr. Rajesh Prasad<br>Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.         6       Date of Registration       : 20 <sup>th</sup> April, 2015         7       Date of Declaration of<br>Result       : 28 <sup>th</sup> January, 2019         Ganeshkhind, Pune 411007       Image: Page Page Page Page Page Page Page Page   |                    | (forn  | nerly U                                  | niversity of Pune)  |
| Mother's Name : Lata ( 한데 )<br>University has accepted the thesis submitted by the above-mentioned candidate for<br>the award of Ph.D., as per reports of referees and examiners of open defense of the<br>thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is<br>declared to have passed the examination of Ph. D. and has become eligible for the<br>award of Ph. D. Degree.<br>RELEVANT DETAILS ARE AS UNDER:<br>1 Faculty : Science & Technology<br>2 Subject : Computer Engineering<br>3 Title of the Thesis : "Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad-hoc<br>Network based on Particle Swarm<br>Optimization"<br>4 Place of Research : Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.<br>5 Name and Address of<br>the Guide : Dr. Rajesh Prasad<br>Department Computer Engineering & Research<br>Centre, Eklahare, Nashik.<br>6 Date of Registration : 20 <sup>th</sup> April, 2015<br>7 Date of Declaration of<br>Result<br>Ganeshkhind, Pune 411007  | De                 | claration of Resul   | t of th                                  | e Doctor of Philosophy (Ph.D.)  |
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| <ul> <li>the award of Ph.D., as per reports of referees and examiners of open defense of the thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is declared to have passed the examination of Ph. D. and has become eligible for the award of Ph. D. Degree.</li> <li>RELEVANT DETAILS ARE AS UNDER: <ol> <li>Faculty</li> <li>Science &amp; Technology</li> </ol> </li> <li>Subject</li> <li>Computer Engineering</li> <li>Title of the Thesis</li> <li>"Development of an Evolving Intrusion Detection Algorithm for Mobile Ad-hoc Network based on Particle Swarm Optimization"</li> <li>Place of Research</li> <li>Department Computer Engineering Matoshri College of Engineering &amp; Research Centre, Eklahare, Nashik.</li> <li>Name and Address of the Guide</li> <li>Date of Registration</li> <li>20<sup>th</sup> April, 2015</li> <li>Date of Declaration of Result</li> </ul>   | Me                 | other's Name : Lata  |  | ( ऌता )   |
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| <ul> <li>Detection Algorithm for Mobile Ad-hoc<br/>Network based on Particle Swarm<br/>Optimization"</li> <li>Place of Research</li> <li>Department Computer Engineering &amp; Research<br/>Centre, Eklahare, Nashik.</li> <li>Name and Address of<br/>the Guide</li> <li>Dr. Rajesh Prasad<br/>Department Computer Engineering<br/>Matoshri College of Engineering &amp; Research<br/>Centre, Eklahare, Nashik.</li> <li>Date of Registration</li> <li>20<sup>th</sup> April, 2015</li> <li>Date of Declaration of<br/>Result</li> <li>Ganeshkhind, Pune 411007</li> </ul>   | 2                  | Subject  | :  | Computer Engineering  |
| <ul> <li>Matoshri College of Engineering &amp; Research<br/>Centre, Eklahare, Nashik.</li> <li>Name and Address of<br/>the Guide</li> <li>Dr. Rajesh Prasad<br/>Department Computer Engineering<br/>Matoshri College of Engineering &amp; Research<br/>Centre, Eklahare, Nashik.</li> <li>Date of Registration</li> <li>20<sup>th</sup> April, 2015</li> <li>Date of Declaration of<br/>Result</li> <li>Section **</li> </ul>   | 3                  | Title of the Thesis  | :  | Detection Algorithm for Mobile Ad-hoc<br>Network based on Particle Swarm                      |
| the Guide     Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.       6     Date of Registration     : 20 <sup>th</sup> April, 2015       7     Date of Declaration of<br>Result     : 28 <sup>th</sup> January, 2019  | 4                  | Place of Research  | :  | Matoshri College of Engineering & Research  |
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| Ganeshkhind, Pune 411007  | 6                  | Date of Registration   | :  | 20th April, 2015  |
| Ganeshkhind, Pune 411007 $(1/2^{5})^{9}$  | 7                  | and the state of t | :  |   |
| Date: 2 9 JAN 2019 Board of Examinations & Evaluation   | Ref. N             | o. PGS/Ph .D. / 47   |  | for Director<br>Board of Examinations & Evaluation  |

| Dr. Bhushan Shivram<br>Chaudhari | Savitribai<br>Phule Pune<br>University | Computer<br>Engineering | 2019 | Development of an Evolving<br>Intrusion Detection Algorithm for<br>Mobile Ad- Hoc Network Based on<br>Particle Swarm Optimization |
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the Thirteenth of October, 2019.

Chairman, Senate & Board of Governor

Sr No.: DS14CE002/10/2019 - 14

Dr. Shrikant Bhausaheb

Randhavane

Sardar Vallabhbhai

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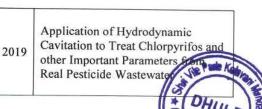
Institute of

Technolgy,



Civil

Engineering







#### भारतीय विश्वविद्यालय रांघ ASSOCIATION OF INDIAN UNIVERSITIES Alu HOUSE, 16, Comrade Indrajit Gupta Marg. New Delhi-110 002 EPABX : 91-011 23230059 (6 lines) / FAX : 91-011- 23232131

http://www.aiu.ac.in E-mail : evaluation@aiu.ac.in

E.C. Nº 023603

Date 16.07.2018

# EQUIVALENCE CERTIFICATE

NAME: Mr/Ms.

TUSHAR RAGHUNATH SHINDE

DEGREE/DIPLOMA

Charles University in Prague Praha, Czech Republic,

Doctor of Philosophy

AWARDING UNIVERSITY / INSTITUTION STATUS of the awarding Institution

Charles University in Prague is an accredited University in Czech Republic listed on Page 1138 of 'International Handbook of Universities' -2017.

#### SCORE / GRADE

As shown on the Academic Transcript

#### EVALUATION OF EDUCATIONAL CREDENTIALS

TUSHAR RAGHUNATH SHINDE has obtained Doctor of Philosophy Degree in Physical Chemistry - Ruthenium alkylidenes immobilized on mesoporous molecular sieves as catalysts for olefin metathesis' from Charles University in Prague(Univerzita accredited Karlova V Praze) University in Czech Republic an this EQUATED with Doctor of Philosophy Degree qualification is in the corresponding field of an Indian University.

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

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Association of Indian Universities ARU Heuse, 15, Convecte Indrajt Copte Marg. New Collin-110002 E-mol : evoluational@bai.web.org

E-mod evolutionnicPainweD.org AUTHORITY: Ministry of Haman Resource Developme No.F15-17/94-TS-IV dt 13 March 1995.

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| Dr. Tushar Raghunath<br>Shinde | Charles<br>University in<br>Parague | Physical<br>Chemistry | 2018 | Ruthenium Alkylidenes<br>Immobilized on Mesoporous<br>Molucular Sieves as Catalysts<br>Olefin Metathesis |
|--------------------------------|-------------------------------------|-----------------------|------|--|
|--------------------------------|-------------------------------------|-----------------------|------|--|





Charles University in Prague, Faculty of Science Albertov 6, 128 43 Prague 2, Czech Republic tel. -fax +420-224921111

### CERTIFICATE

Charles University in Prague, Faculty of Science confirms herewith that

#### Manoj Rambhau Sonawane

born on 14th September, 1984 in Dhule, India has fulfilled the requirements of the Ph.D. study in Organic chemisstry

#### with thesis:

" I. Synthesis and Application of N-Silyloxy Enamines II. Helquats: Synthesis and Properties"

at Charles University in Prague, Faculty of Science on 19th January, 2015

On this basis he was awarded the title **"Doctor"** This degree corresponds to the scientific degree of "Doctor of Philosophy (Ph.D.)" according to the British system of Scientific Degrees.

17

Prof. RNDr. Bohuslav Gaš, CSc. Dean Charles University in Prague Faculty of Science

Prague, 19th January, 2015 UNIVERZITA KAPLOVA v Praze Philod wederka fakulta Aiberra to 128 13 Praha 2 ICO: 00216208, DIC: CZ00216208 UK 121

| Dr. Manoj Rambhau<br>Sonawane | Charles<br>University in<br>Parague | Organic<br>Chemistry | 2015 | I.Synthesis and Application of N-<br>Silyloxy Enamines II. Helquats:<br>Synthesis and Properties |
|-------------------------------|-------------------------------------|----------------------|------|--|
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| 31         | AI | Conducted by Savitribai Phule Pu<br>(Ref.: Government of Maharashtra Resoluti<br>(Accredited by University Gr  | OR ASSISTANT PROFESSORSHI<br>une University as the State Agency<br>on No.: USG-1391/2066/VS-4 dt. 14-7-1994)<br>ants Commission, New Delhi)<br>faharashtra & Goa only)             |
|            | Se | at No. : 603516  |  |
|            | Ce | rtified that KOLI CHANDU MOTILAL   |  |
|            | Se | n / Daughter of KOLI SUMANBAI MG   | OTILAL (Mother)  |
|            |    | KOLI MOTILAL ONKAR (Father)  |  |
|            | ha | s qualified the State Eligibility Test H   | neld on 29th May 2016 in the   |
|            |    | oject Mathematical Sciences.   |  |
|            |    | : / Her Post-graduation subject is Ma  | athematics.  |
|            |    | Q,   | - Histe  |
| MI<br>(STE | EM | BER SECRETARY<br>NG COMMITTEE, SET)  | CHAIRMAN   |
|            |    | of Result: 07/09/2016  | (STEERING COMMITTEE, SET<br>Date of Issue: 08/11/2016  |
| Note :     | a) | Savitribal Phule Pune University, as the authorise<br>SET, has issued the certificate based on the a<br>appointing authority should verify the original reco<br>for appointment. | ed Nodal Agency for Government of Maharashtra & Goa, fo<br>attested documents only, provided by the candidate. Th<br>ords / certificates of the candidate while considering him/he |
|            |    | appointing authority should check the relevant doc   | Scheduled Tribe / Vimukta Jati / Nomadic Tribes / Othe<br>hysically challenged persons with disability category, the<br>umonts before appointment.                                 |
|            | c) | Authenticity of this certificate should be   | verified by the employer from the SET website  |

Mathematical

Science

2016

Mathematics

State Eligibility test

Mr. Koli Chandu

Motilal



| SAVITRIBATTICE<br>STATE ELIC   | E PUNE UNIVERSITY<br>SIBILITY TEST  |
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| STATE ELIGIBILITY TEST (SET) I   | OR ASSISTANT PROFESSORSHIP  |
| (Ref.: Government of Maharashtra Resolu<br>(Accredited by University C   | Pune University as the State Agency<br>tion No.: USG-1391/2066/VS-4 dt. 14-7-1994)<br>Brants Commission, New Delhi)<br>Maharashtra & Goa only)  |
| Seat No. : 6446.12   |   |
| Certified that NERKAR SACHIN DILIP   |   |
| Son / Daughter of NERKAR SUREKHA   | DILIP (Mother)  |
| and NERKAR DILIP SHRAVAN (Father)  |   |
| has qualified the State Eligibility Test   | held on 29th May 2016 in the  |
| subject Physical Science.  |   |
| His / Her Post-graduation subject is Pi  | hysical Science.  |
| Q  | hote  |
| MEMBER SECRETARY   | CHAIRMAN  |
| TEERING COMMITTEE, SET)<br>Date of Result: 07/09/2016  | (STEERING COMMITTEE, SET)<br>Date of Issue: 08/11/2016  |
| Sci, has issued the certificate based on the   | sed Nodal Agency for Government of Maharashtra & Goa, for<br>attested documents only, provided by the candidate. The<br>cords / certificates of the candidate while considering him/her |
| <li>b) For candidates belonging to Scheduled Caste<br/>Backwards Class / Special Backward Class /<br/>appointing authority should check the relevant do</li> | / Schedulad Tribe / Vimukta Jati / Nomadic Tribes / Other<br>Physically challenged persons with disability category, the<br>currents before appointment.                                |
|  | e verified by the employer from the SET website   |

| 2016 | Physical Science | Sille Path Kodenes    |
|------|------------------|-----------------------|
|      | 2016             | 2016 Physical Science |





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| Electronic Certificate Number: 19202930  |  |
| SAVITRIBAI PHULE PUNE UNIVER   | RSITY  |
| NODAL AGENCY   |  |
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| STATE ELIGIBILITY TEST FOR ASSISTANT PI<br>(Accredited by University Grants Commission, New Delhi)   | ROFESSOR   |
| (Valid in the States of Maharashtra & Goa only)  | 1  |
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|  |  |
| SET Ref. No.: 2930/(SET-JUN 2019) Seat No.: 800611<br>Certified that GAWADE PRASHANT RAMESH  |  |
| Son/Daughter of GAWADE RAMESH RATAN and  | Car and  |
| GAWADE MIRABAI RAMESH, has qualified the SET for eligibility f   | for PCC 3  |
| Assistant Professor held on 23rd June 2019 in the subject Mathema  | tical  |
| Sciences.  | TILLY PROPERTY   |
|  | 1  |
| As per the information provided by the candidate, he/she had comple  | ted his/her Master's   |
| degree or equivalent examination at the time of applying for SET.  |  |
| The data of the William of the second second   | 1  |
| The date of eligibility for Assistant Professor is the date of declarat  | ion of SET result, i.e.,   |
| 11/10/2019 , OR the date of completion of Master's degree or equival<br>required percentage of marks within two years from the date of decla | lent examination with  |
| i.e., by 10/10/2021, whichever is later.   | aration of SET result,   |
|  | 1  |
| This is an electronic certificate only, its authenticity and category in   | which the candidate had  |
| appeared should be verified from the Nodal Agency by the Institution   | Appointing Athousity   |
| This electronic certificate can also be verified by scanning Bar code p<br>certificate.  | rinted on the electronic   |
| cer infolie.   | 2  |
| Validity of this electronic certificate is forever.  | 14   |
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| CTEEDDIC COLO COMPANY AND  | AIRMAN<br>COMMITTEE, SET   |
| Date of Issue : 13/11/2019   |  |
| Date of 1550e : 15/11/2019   | 2  |
| Note : The Nodal Agency has issued the electronic certificate on the bas   | 8  |
| Note : The Nodal Agency has issued the electronic certificate on the bas<br>provided by the candidate in his/her Application Form. The appo  | sis of information   |
| verify the original records/certificates of the candidate while con-   | sidering him/her for   |
| appointment, as the Nodal Agency is not responsible for the same   | e. The candidate must  |
| fulfil the minimum eligibility conditions for SET as laid down in<br>SET.  | the notification for   |
| vara.  | sis of information<br>inting authority should<br>sidering him/her for<br>e. The candidate must<br>the notification for |
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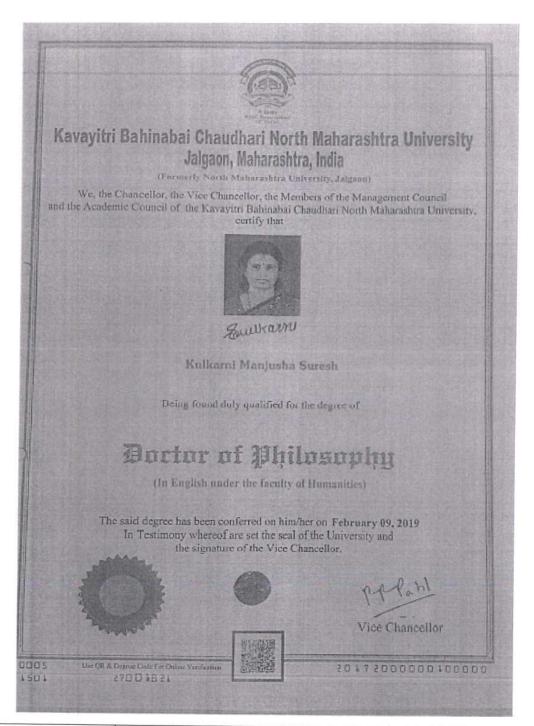
|  | Mr. Gawade<br>Prashant<br>Ramesh | State Eligibility<br>test | Mathematical<br>Science | 2019 | Mathematics | SIN Plate Kolena |
|--|----------------------------------|---------------------------|-------------------------|------|-------------|------------------|
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| NHARASHTRA ST.   | ATE ELIGIBILTY TEST<br>HULE PUNE UNIVERSITY (SET)  |
|--|--|
| MAR SAV  | SITY SET   |
| STATE ELIGIBILITY 1  | TEST (SET) FOR LECTURESHIP   |
| (Accredited by Univer  | ule Pune University as the State Agency<br>Resolution No.: USG-1391/2066/VS-4 dt. 14-7-1994<br>rsity Grants Commission, New Delhi)<br>tes of Maharashtra & Goa only)   |
| Seat No. : 377530  |  |
| Certified that Aware Lahu  | Paraji   |
| son of Aware Laxmi Paraji (1   | Mother)  |
| and Aware Paraji Barku (Fath   | ler)   |
| has qualified the Maharashtra  | State Eligibility Test for Lectureship held on   |
| 1st December 2013 in the Math  | ematical Sciences  |
| His Post-guaduation subject is T   | Mathematical Sciences  |
| (0)  | A  |
| (4)  | tier   |
| MEMBER SECRETARY (SET)   | CHAIRMAN (STEERING COMMITTEE, SET)   |
| Date of Declaration : 12,06/2014   | Date of Issue : 01/10/2014   |
| should verify the original records/certificate<br>b) For SC, ST, OBC, DT, NT, SBC, PH, VH ca | authorised Nodal Agency of Government of Maharashtra for SET) has<br>ad documents only, provided by the candidate. The appointing authority<br>es of the candidate while considering him/her for appointment.<br>alconor, the appointing authority of the appointment. |
| Class / Physically Handicapped / Visually H  | Handicapped Candidates before appointment  |
| www.selexam.unipune.ac.in  | be verified from the SET website by the employer through   |
|  |  |

| Mr. Aware Lahu<br>Paraji | State Eligibility test | Mathematical<br>Science | 2013 | Mathematics | Sile Pade Kaleran |
|--------------------------|------------------------|-------------------------|------|-------------|-------------------|
|                          |                        |                         |      |             | () ( DHUU - ) \$  |

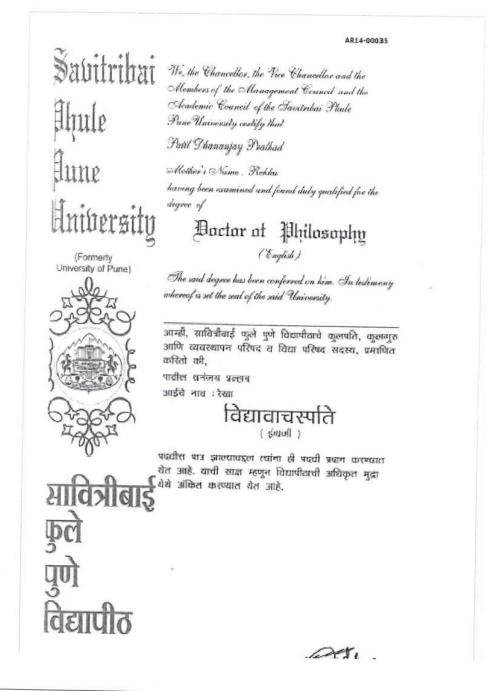




| Dr. Neha Narendra<br>Pathak | Kavayitri Bahinabai<br>Chaudhari North<br>Maharashtra University<br>Jalgaon, Maharashtra,<br>India | Humanities | 2019 | Humanities | Regite Kalavani |
|-----------------------------|--|------------|------|------------|-----------------|
|                             |  |            |      |            | DHULE           |

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| Dr. Dhananjay Pralhad<br>Patil | Savitribai<br>Phule Pune<br>University | Arts and Fine<br>Arts | 2013 | Observance and Violation of<br>Cooperative and Politeness<br>Principles in the Selected Novels of<br>Mull Raj Anand |
|--------------------------------|--|-----------------------|------|---|
|--------------------------------|--|-----------------------|------|---|



List of faculty with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. is provided having particulars of degree awarding university, subject, the year of award and Degree certificate for the said assessment period authenticated by the Principal's Signature Academic Year 2020-21

|  |              |           | in the second second second             | and in the |                        | Full tim                          | e teachers wi                     | th NET/SET/SL   | ET/ Ph. D./D.Sc                | . / D.Litt./L.L.D.  | during the AY 2020-2   | 21   |   |
|--|--------------|-----------|---|------------|------------------------|-----------------------------------|-----------------------------------|---|--------------------------------|---|--|--|---|
| Name                                     | ID number    | Vidwan Id | Email                                   | Gender     | Designation            | Date of<br>joining<br>institution | Date of<br>Leaving<br>institution | Nature of<br>appointment<br>(temporary/<br>permanent) | Name of the<br>Department      | Highest<br>Qualification<br>(NET/SET/SLE<br>T/ Ph. D./D.Sc. /<br>D.Litt./L.L.D. )<br>and Year of<br>obtaining |  | University   |   |
| Dr. Nilesh Pitambarrao<br>Salunke        | 517728104845 | 429740    | nilesh.salunke@svkm.<br>ac.in           | Male       | Principal              | 30-12-2017                        | -                                 | Permanent   | Mechanical<br>Engineering      | Ph.D (2018)   | Mechanical<br>Engineering  | Sardar Vallabhbhai National Institute of Technolgy, surat                                    |   |
| Dr. Shrikant Bhausaheb<br>Randhavane     | 819699103755 | 428888    | shrikant.randhavane@<br>svkm.ac.in      | Male       | Assistant<br>Professor | 18-06-2018                        | -                                 | Permanent   | Civil Engineeri                | n Ph.D (2018)   | Civil Engineering  | Sardar Vallabhbhai National Institute of Technology Surat                                    |   |
| Dr. Vishal Sundarlal<br>Moyal            | 688721369244 | 428849    | vishal.moyal@svkm.ac<br>.in             | Male       | Assistant<br>Professor | 18-08-2017                        | -                                 | Permanent   | Electrical Engir               | Ph.D (2019)   | Eletrical, Electronics<br>and<br>Telecommunication<br>Engineering and<br>Instrumentation | Chhattisgarh Swami Vivekanand Technical<br>University  |   |
| Dr. Namra Rakesh Kumar<br>Joshi          | 676502181809 | 428867    | namra.joshi@svkm.ac.<br>in              | Male       | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Electrical Engin               | Ph.D (2020)   | Electrical Power<br>System   | Oriental University, Indore  |   |
| Dr. Bhushan Shivram<br>Chaudhari         | 708314490608 | 428853    | bhushan.chaudhari@s<br>vkm.ac.in        | Male       | Assistant<br>Professor | 17-06-2019                        | -                                 | Permanent   | Information Tec                | Ph.D (2019)   | Computer<br>Engineering  | Savitribai Phule Pune University   |   |
| Dr. Tushar Raghunath<br>Shinde           | 956349831869 | 429002    | tushar.shinde@svkm.a<br>c.in            | Male       | Assistant<br>Professor | 28-08-2017                        | -                                 | Permanent   | Applied<br>Science<br>(Chem.)  | Ph.D (2015)   | Physical Chemistry   | Charles University, Prague, Czech Republic,<br>EU  |   |
| Dr. Manoj Rambhau<br>Sonawane            | 684678913242 | 428895    | manoj.sonawane@svk<br>m.ac.in           | Male       | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Applied<br>Science<br>(Chem.)  | Ph.D (2015)   | Organic Chemistry  | Charles University, Prague, Czech Republic,<br>EU  |   |
| Dr. Neha Narendra Pathak                 | 831852649479 | 450496    | neha.pathak@svkm.ac.<br>in              | Female     | Assistant<br>Professor | 29-08-2019                        | 15-05-2021                        | Permanent   | Applied<br>Science             | Ph.D (2017)   | Humanities   | Kavayitri Bahinabai Chaudhari North<br>Maharashtra University Jalgaon, Maharashtra,<br>India |   |
| Dr. Shakeelur Raheman<br>Ateequr Raheman | 987941102869 |           | shakeelur.ateequrrahe<br>man@svkm.ac.in | Male       | Assistant<br>Professor | 29-08-2020                        | -                                 | Permanent   | Applied<br>Science (Phy.)      | Ph.D (2021)   | Physics  | Institute of Chemical Technology Mumbai  |   |
| Mr. Chandu Motilal Koli                  | 327953278030 | 428917    | chandu.koli@svkm.ac.<br>in              | Male       | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Applied<br>Science<br>(Maths.) | PG (2005), SET<br>(2016)  | Computational<br>Mathematics   | North Maharashtra University, Jalgaon  | I |
| Mr. Sachin Dilip Nerkar                  | 703342320800 | 42009/ 1  | sachin.nerkar@svkm.a<br>c.in            | Male       | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | Applied<br>Science (Phy.)      | PG (2015), SET<br>(2016)  | Physics  | North Maharashtra University, Jalgaon  |   |
| Mr. Prashant Ramesh<br>Gawade            | 350803726496 | 470499 1  | prashant.gawade@svk<br>m.ac.in          | Male       | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   |                                | PG (2010), SET<br>(2019)  | Mathematics  | North Maharashtra University, Jalgaon  |   |
| Mr. Lahu Paraji Aware                    | 995603505864 | 429017    | lahu.aware@svkm.ac.i<br>n               | Male       | Assistant<br>Professor | 01-08-2018                        |                                   |   |                                | PG (2009), SET<br>(2014)  | Mathematics  | Savitribai Phule Pune University   |   |

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| Year of<br>completi<br>on | Title of Thesis   |
|---------------------------|---|
| 2018                      | Generation and Optimization of high Pressure Ratio<br>Blade Section for an Axial flow Compressor Using<br>Bezier Parsec Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 2018                      | "Application of Hydrodynamic Cavitation to Treat<br>Chlorpyrifos and Other Important Parameters from<br>Real Pesticide Wastewater"  |
| 2019                      | Development of Power Efficient, High Gain Fast<br>Setteling, ADC for Biomedical Application   |
| 2020                      | Voltage Stability analysis of Wind Based Distributed<br>Generation system   |
| 2019                      | Development of an Evolving Intrusion Detection<br>Algorithm for Mobile Ad-hoc Network (MANET)<br>Based on Particle Swarm Optimization (PSO)   |
| 2015                      | Ruthenium Alkylidenes Immobilized on Mesoporous<br>Molucular Sieves as Catalysts for Olefin Metathesis  |
| 2015                      | I. Synthesis and Application of N-Silyloxy Enamines<br>& II. Helquats: Synthesis and Properties   |
| 2017                      | Humanities  |
| 2021                      | Synthesis of quantum dot and its hybrid for<br>photocatalytic hydrogen evolution from water under<br>visible light irradiation  |
| 2005                      | Mathematics   |
| 2015                      | Physical Science  |
| 2010                      | Mathematics   |
| 2009                      | Mathematics   |

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**INSTITUTE OF TECHNOLOGY, DHULE** 

# Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                          | Academic<br>Year | Date       | Year of<br>Award | Department                | Page No |
|------------|--|------------------|------------|------------------|---------------------------|---------|
| 1          | Dr. Nilesh Pitambarrao<br>Salunke        | 2018-2019        | 13/10/2018 | 2018             | Mechanical<br>Engineering | 1       |
| 2          | Dr. Vishal Sundarlal<br>Moyal            | 2018-2019        | 08/05/2019 | 2019             | Electrical<br>Engineering | 3       |
| 3          | Dr. Bhushan Shivram<br>Chaudhari         | 2018-2019        | 28/01/2019 | 2019             | Information<br>Technology | 6       |
| 4          | Dr. Namra Rakesh Kumar<br>Joshi          | 2020-2021        | 18/11/2020 | 2020             | Electrical<br>Engineering | 7       |
| 5          | Dr. Shrikant Bhausaheb<br>Randhavane     | 2019-2020        | 13/10/2019 | 2019             | Civil<br>Engineering      | 8       |
| 6          | Dr. Tushar Raghunath<br>Shinde           | 2018-2019        | 16/07/2018 | 2018             | Applied<br>Science        | 10      |
| 7          | Dr. Manoj Rambhau<br>Sonawane            | 2014-2015        | 19/01/2015 | 2015             | Applied<br>Science        | 11      |
| 8          | Dr. Shakeelur Raheman<br>Ateequr Raheman | 2020-2021        | 22/03/2021 | 2021             | Applied<br>Science        | 12      |
| 9          | Mr. Chandu Motilal Koli                  | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 21      |
| 10         | Mr. Sachin Dilip Nerkar                  | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 22      |
| 11         | Mr. Prashant Ramesh<br>Gawade            | 2015-2016        | 23/06/2019 | 2019             | Applied<br>Science        | 23      |
| 12         | Mr. Lahu Paraji Aware                    | 2013-2014        | 01/12/2013 | 2013             | Applied<br>Science        | 24      |
| 13         | Dr. Neha Pathak                          | 2018-2019        | 09/02/2019 | 2019             | Applied<br>Science        | 26      |

## Academic Year 20-21



# Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                             | Academic<br>Year | Date       | Year<br>of<br>Award | Title  |
|------------|---|------------------|------------|---------------------|--|
| 1          | Dr. Nilesh<br>Pitambarrao Salunke           | 2018-2019        | 13-10-2018 | 2018                | Generation and Optimization of high<br>Pressure Ratio Blade Section for an Axial<br>flow Compressor Using Bezier Parsec<br>Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 2          | Dr. Vishal Sundarlal<br>Moyal               | 2018-2019        | 08-05-2019 | 2019                | Development of Power Efficient, High Gain<br>Fast Setteling, ADC for Biomedical<br>Application   |
| 3          | Dr. Bhushan Shivram<br>Chaudhari            | 2018-2019        | 28-01-2019 | 2019                | Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad- Hoc<br>Network Based on Particle Swarm<br>Optimization  |
| 4          | Dr. Namra Rakesh<br>Kumar Joshi             | 2020-2021        | 18-11-2020 | 2020                | Voltage Stability analysis of Wind Based<br>Distributed Generation system  |
| 5          | Dr. Shrikant<br>Bhausaheb<br>Randhavane     | 2019-2020        | 13-10-2019 | 2019                | Application of Hydrodynamic Cavitation to<br>Treat Chlorpyrifos and other Important<br>Parameters from Real Pesticide Wastewater   |
| 6          | Dr. Tushar Raghunath<br>Shinde              | 2018-2019        | 16-07-2018 | 2018                | Ruthenium Alkylidenes Immobilized on<br>Mesoporous Molucular Sieves as Catalysts<br>for Olefin Metathesis  |
| 7          | Dr. Manoj Rambhau<br>Sonawane               | 2014-2015        | 19-01-2015 | 2015                | I.Synthesis and Application of N-Silyloxy<br>Enamines II. Helquats: Synthesis and<br>Properties  |
| 8          | Dr. Shakeelur<br>Raheman Ateequr<br>Raheman | 2020-2021        | 22-03-2021 | 2021                | Synthesis of quantum dot and its hybrid for<br>photocatalytic hydrogen evolution from<br>water under visible light irradiation   |
| 9          | Mr. Chandu Motilal<br>Koli                  | 2015-2016        | 29-05-2016 | 2016                | Mathematics  |
| 10         | Mr. Sachin Dilip<br>Nerkar                  | 2015-2016        | 29-05-2016 | 2016                | Physical Science   |
| 11         | Mr. Prashant Ramesh<br>Gawade               | 2015-2016        | 23-06-2019 | 2019                | Mathematics  |
| 12         | Mr. Lahu Paraji<br>Aware                    | 2013-2014        | 01-12-2013 | 2013                | Mathematics  |
| 13         | Dr. Neha Pathak                             | 2018-2019        | 09-02-2019 | 2019                | Humanities   |

### Academic Year 20-21





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Mechanical Engineering on Salunke Nilesh Pitambarrao who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2018, the thesis entitled: Generation and Optimization of High Pressure Ratio Blade Section for an Axial Flow Compressor Using Bezier Parsec Parameterization Coupled with Genetic Algorithm and CFD Approach Given this day, under the seal of the Institute at Surat in the Republic of India; the Thirteenth of October, 2018. Senate & Board of Gov

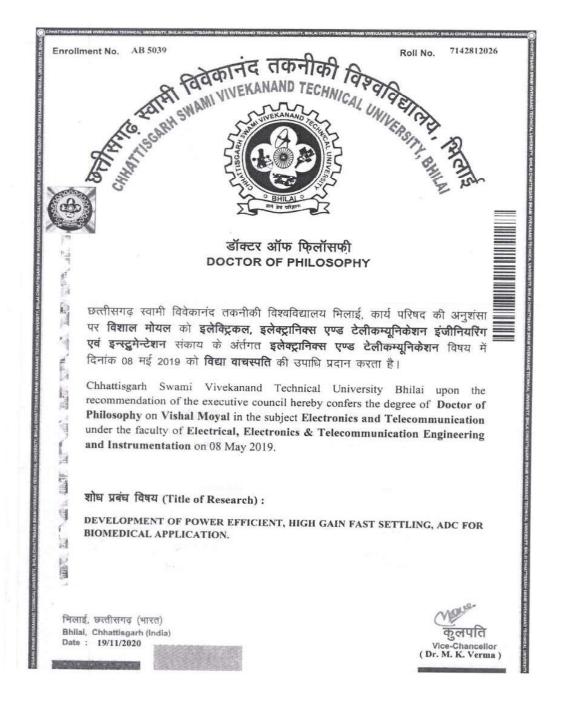
Sr No.: D09ME008/10/2018 - 4 2



| Dr. Nilesh Pitambarrao<br>Salunke | Sardar<br>Vallabhbhai<br>National<br>Institute of<br>Technolgy,<br>surat | Mechanical<br>Engineering | 2018 | Generation and Optimization of high<br>Pressure Ratio Blade Section for an<br>Axial flow Compressor Using Bezier<br>Parsec Parameterization Coupled<br>With Genetic algorithm and CFD<br>approach |
|-----------------------------------|--|---------------------------|------|---|
|-----------------------------------|--|---------------------------|------|---|







| Dr. Vishal Sundarlal<br>Moyal | Chhattisgarh<br>Swami<br>Vivekanand<br>Technical<br>University | Electrical,<br>Electronics and<br>Telecommunication<br>Engineering and<br>Instrumentation | 2019 | Development of Power Efficient,<br>High Gain Fast Setteling, ADC for<br>Biomedical Application |
|-------------------------------|--|---|------|--|
|-------------------------------|--|---|------|--|

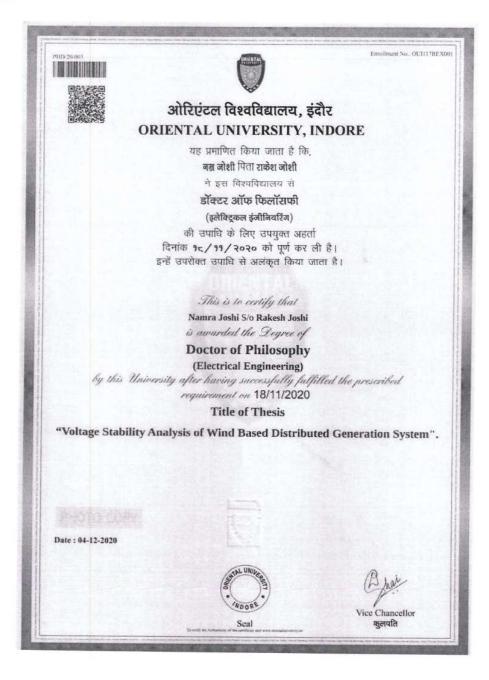




|                   | Savitribai Phule Pune University  |                                       |  |  |  |  |  |
|-------------------|---|---------------------------------------|--|--|--|--|--|
|                   |   |                                       |  |  |  |  |  |
|                   | (formerly University of Pune)   |                                       |  |  |  |  |  |
|                   | (tormerry University of Func)   |                                       |  |  |  |  |  |
| De                | Declaration of Result of the Doctor of Philosophy (Ph.D.)   |                                       |  |  |  |  |  |
| CI                | naudhari Bhushan Sh   | ivram                                 | । ( चौधरी भुषण शिवराम )  |  |  |  |  |
| M                 | other's Name : Lata   |                                       | ( लता )  |  |  |  |  |
| the<br>the<br>dec | University has accepted the thesis submitted by the above-mentioned candidate for<br>the award of Ph.D., as per reports of referees and examiners of open defense of the<br>thesis. Accordingly, it is hereby notified that, the above-mentioned candidate is<br>declared to have passed the examination of Ph. D. and has become eligible for the<br>award of Ph. D. Degree. |                                       |  |  |  |  |  |
| RE                | LEVANT DETAILS ARE  | AS UND                                |  |  |  |  |  |
| 1                 | Faculty   | :                                     | Science & Technology   |  |  |  |  |
| 2                 | Subject   | :                                     | Computer Engineering   |  |  |  |  |
| 3                 | Title of the Thesis   | ï                                     | "Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad-hoc<br>Network based on Particle Swarm<br>Optimization" |  |  |  |  |
| 4                 | Place of Research   | :                                     | Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.                         |  |  |  |  |
| 5                 | Name and Address of the Guide   | :                                     | Dr. Rajesh Prasad<br>Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.    |  |  |  |  |
| 6                 | Date of Registration  | :                                     | 20th April, 2015   |  |  |  |  |
| 7                 | Date of Declaration of<br>Result  | :                                     | 28 <sup>th</sup> January, 2019   |  |  |  |  |
| Ref.              | shkhind, Pune 411007<br>No. PGS/Ph .D. / 47<br>29 JAN 2019  |                                       | for Director<br>Board of Examinations & Evaluation   |  |  |  |  |
| <b>新新教教</b>       | an an ana an an an an an an an an an<br>19 marthairthairthairthairthai  | i i i i i i i i i i i i i i i i i i i | , 다섯 호리 가지 않고 하지 않지 않지 않고 않고 않고 않지 않지 않지 않지 않지 않고  |  |  |  |  |

| Dr. Bhushan Shivram<br>Chaudhari | Savitribai<br>Phule Pune<br>University | Computer<br>Engineering | 2019 | Development of an Evolving<br>Intrusion Detection Algorithm for<br>Mobile Ad- Hoc Network Based on<br>Particle Swarm Optimization |
|----------------------------------|--|-------------------------|------|---|
|----------------------------------|--|-------------------------|------|---|





| Dr. Namra Rakesh<br>Kumar Joshi | Oriental<br>University<br>Indore | Electrical<br>Engineering | 2020 | Voltage Stability analysis of Wind<br>Based Distributed Generation<br>system |
|---------------------------------|----------------------------------|---------------------------|------|--|
|---------------------------------|----------------------------------|---------------------------|------|--|





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Civil Engineering RANDHAVANE SHRIKANT BHAUSAHEB who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2019, the thesis entitled: Application of Hydrodynamic Cavitation to Treat Chlorpyrifos and Other Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2019. Chairman Senate & Board of Governors Sr No .: DS14CE002/10/2019 - 14 Sardar Vallabhbhai Application of Hydrodynamic Dr. Shrikant Bhausaheb National Civil Randhavane

surat

Cavitation to Treat Chlorpyrifos and 2019 Institute of Engineering other Important Parameters from Jile Par Technolgy, Real Pesticide Wastewater





भारतीय विश्वविद्यालय संघ ASSOCIATION OF INDIAN UNIVERSITIES AU HOUSE, 16, Contrade Indrajit Gupta Marg. New Delthi-110 002 EPABX : 91-011 23230059 (6 lines) / FAX : 91-011- 23232131 http://www.ait.ac.in E-mail: evaluation@aia.ac.in

#### E.C. Nº 023603

Date 16.07.2018

## EQUIVALENCE CERTIFICATE

NAME: Mr/Ms.

DEGREE/DIPLOMA

Doctor of Philosophy

AWARDING UNIVERSITY / INSTITUTION STATUS of the awarding Institution Charles University in Prague Praha, Czech Republic,

TUSHAR RAGHUNATH SHINDE

Charles University in Prague is an accredited University in Czech Republic listed on Page 1138 of 'International Handbook of Universities' -2017.

SCORE / GRADE

As shown on the Academic Transcript

#### EVALUATION OF EDUCATIONAL CREDENTIALS

TUSHAR RAGHUNATH SHINDE has obtained Doctor of Philosophy Degree in Physical Chemistry - Ruthenium alkylidenes immobilized on mesoporous molecular sieves as catalysts for olefin metathesis' from Charles University in Prague(Univerzita Karlova V Praze) an accredited University in Czech Republic - this qualification is EQUATED with Doctor of Philosophy Degree in the corresponding field of an Indian University.

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

valuation)

Association of Indian Universities

All/House, 18, Constants Indraja Oupta Marg.

New Gelhi-110002

et. 16, Convesia Andraily Geptinia

Schnok

· 17:524 \*125.22

E-mail : evolutional@aluw08.00 AUTHORITY: Ministry of Human Resource Development, Coverament of India, New Delhi, Gazette Notification No.F15-17/94-TS-IV dt 13 March 1995.

| Dr. Tushar Raghunath<br>Shinde | Charles<br>University in<br>Parague | Physical<br>Chemistry | 2018 | Ruthenium Alkylidenes<br>Immobilized on Mesoporous<br>Molucular Sieves as Catalysts for<br>Olefin Metathesis |
|--------------------------------|-------------------------------------|-----------------------|------|--|
|--------------------------------|-------------------------------------|-----------------------|------|--|



## SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE



Charles University in Prague, Faculty of Science Albertov 6, 128 43 Prague 2, Czech Republic tel. -fax +420-224921111

## CERTIFICATE

Charles University in Prague, Faculty of Science confirms herewith that

Manoj Rambhau Sonawane

born on 14th September, 1984 in Dhule, India has fulfilled the requirements of the Ph.D. study in Organic chemisstry

with thesis:

" I. Synthesis and Application of N-Silyloxy Enamines II. Helquats: Synthesis and Properties"

at Charles University in Prague, Faculty of Science on 19th January, 2015

On this basis he was awarded the title "Doctor" This degree corresponds to the scientific degree of "Doctor of Philosophy (Ph.D.)" according to the British system of Scientific Degrees.

12

Prof. RNDr. Bohuslav Gaš, CSc. Dean Charles University in Prague Faculty of Science

Prague, 19th January, 2015 UNIVERZITA KATIOVA v Praze Phrod v clerka takulta dideleni Albertor the 128 13 Praha 2 IČO: 00216208, DIČ: CZ00216208 UK 121

| Dr. Manoj Rambhau<br>Sonawane | Charles<br>University in<br>Parague | Organic<br>Chemistry | 2015 | I.Synthesis and Application of N-<br>Silyloxy Enamines II. Helquats:<br>Synthesis and Properties |
|-------------------------------|-------------------------------------|----------------------|------|--|
|-------------------------------|-------------------------------------|----------------------|------|--|

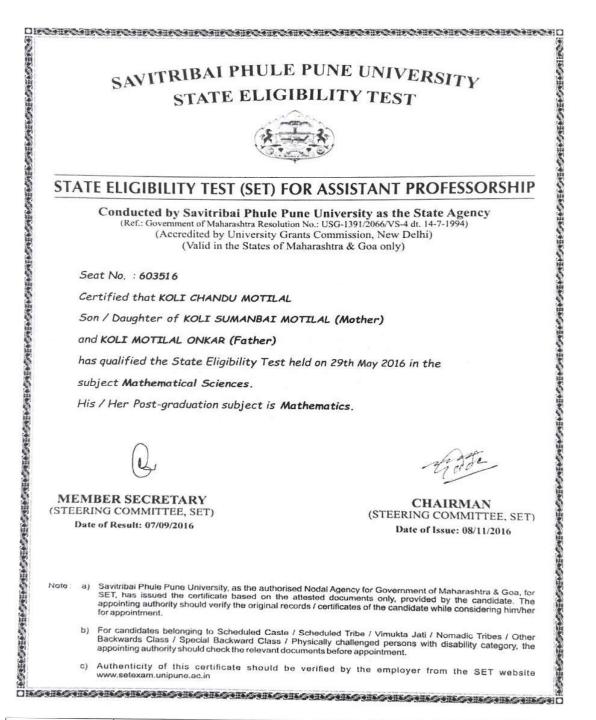




| Dr. Shakeelur Raheman<br>Ateequr Raheman | Institute of<br>Chemical<br>Technology | Physics |  | Synthesis of quantum dot and its<br>hybrid for photocatalytic hydrogen<br>evolution from water under visible<br>light irradiation |
|--|--|---------|--|---|
|--|--|---------|--|---|







| Mr. Koli Chandu<br>Motilal | State Eligibility test | Mathematical<br>Science | 2016 | Mathematics |                    |
|----------------------------|------------------------|-------------------------|------|-------------|--------------------|
|                            |                        |                         |      |             | Contraction of the |



| SAVITRIBAI PHUL<br>STATE ELIG   | E PUNE UNIVERSITY<br>IBILITY TEST  |
|---|--|
| STATE ELIGIBILITY TEST (SET) F  | OR ASSISTANT PROFESSORSHIP   |
| Conducted by Savitribai Phule P<br>(Ref.: Government of Maharashtra Resolut<br>(Accredited by University G  | Pune University as the State Agency<br>ion No.: USG-1391/2066/VS-4 dt. 14-7-1994)<br>rants Commission, New Delhi)<br>Maharashtra & Goa only)   |
| Seat No. : 64461.2  |  |
| Certified that NERKAR SACHIN DILIP  |  |
| Son / Daughter of NERKAR SUREKHA  | DILIP (Mother)   |
| and NERKAR DILIP SHRAVAN (Father)   |  |
| has qualified the State Eligibility Test  | held on 29th May 2016 in the   |
| subject Physical Science.   |  |
| His / Her Post-graduation subject is Pl   | hysical Science.   |
| Q.  | - Hette  |
| MEMBER SECRETARY  | CHAIRMAN   |
| TEERING COMMITTEE, SET)<br>Date of Result: 07/09/2016   | (STEERING COMMITTEE, SET)<br>Date of Issue: 08/11/2016   |
| SET, has issued the certificate based on the  | ed Nodal Agency for Government of Maharashtra & Goa, for<br>attested documents only, provided by the candidate. The<br>cords / certificates of the candidate while considering him/her |
| b) For candidates belonging to Scheduled Caste<br>Backwards Class / Special Backward Class /<br>appointing authority should check the relevant do | / Schedulod Tribe / Vimukta Jati / Nomadic Tribes / Other<br>Physically challenged persons with disability category, the<br>cuments before appointment.                                |
|   | e verified by the employer from the SET website  |

| Mr. Nerkar<br>Sachin Dilip | State Eligibility<br>test | Physical<br>Science | 2016 | Physical Science |  |
|----------------------------|---------------------------|---------------------|------|------------------|--|
|----------------------------|---------------------------|---------------------|------|------------------|--|





| 10404    |   |
|----------|---|
| Elec     | tronic Certificate Number: 19202930   |
| Ş.       | SAVITRIBAI PHULE PUNE UNIVERSITY  |
| ŝ.       | NODAL AGENCY  |
| \$       | 2   |
| ***      |   |
| ŧ        | STATE ELIGIBILITY TEST FOR ASSISTANT PROFESSOR  |
| 1        | (Accredited by University Grants Commission, New Delhi)   |
| \$       | (Valid in the States of Maharashtra & Goa only)   |
| 8        | 1   |
| ŧ.       |   |
| 8        | SET Ref. No.: 2930/(SET-JUN 2019) Seat No.: 800611  |
| <u>8</u> | SET Ref. No.: 2930/(SET-JUN 2019) Seat No.: 800611<br>Certified that GAWADE PRASHANT RAMESH   |
| ę.       | Son/Daughter of GAWADE RAMESH RATAN and   |
| 8        | GAWADE MIRABAI RAMESH, has qualified the SET for eligibility for  |
| £        | Assistant Professor held on 23rd June 2019 in the subject Mathematical  |
| £        | Sciences.   |
| 2        | 3   |
| ě.       | As per the information provided by the candidate, he/she had completed his/her Master's   |
| 8        | degree or equivalent examination at the time of applying for SET.   |
| £        |   |
| 至一       | The date of eligibility for Assistant Professor is the date of declaration of SET result, i.e.,   |
| £        | 11/10/2019 , OR the date of completion of Master's degree or equivalent examination with  |
| ÷        | required percentage of marks within two years from the date of declaration of SET result.   |
| 2        | i.e., by 10/10/2021, whichever is later.  |
| *        | The second |
| ŧ.       | This is an electronic certificate only, its authenticity and category in which the candidate had  |
| £ .      | appeared should be verified from the Nodal Agency by the Institution/Appointing Athourity.<br>This electronic certificate can also be verified by scanning Bar code printed on the electronic   |
| £        | certificate.  |
| £        |   |
| £        | Validity of this electronic certificate is forever.   |
| E .      |   |
| £        |   |
| £        | /   |
| E .      | An Dr.  |
| 8        | Phinter.  |
| Ě.       | MEMBER SECRETARY CHAIRMAN   |
| ŧ.       | MEMBER SECRETARY CHAIRMAN<br>STEERING COMMITTEE, SET STEERING COMMITTEE, SET  |
| E .      |   |
| e        | Date of Issue : 13/11/2019  |
| E        |   |
| Not      |   |
| 1        | provided by the candidate in his/her Application Form. The appointing authority should  |
| 1        | verify the original records/certificates of the candidate while considering him/her for   |
| E        | appointment, as the Nodal Agency is not responsible for the same. The candidate must<br>fulfil the minimum eligibility conditions for SET as laid down in the notification for  |
| 6        | SET.  |
| 1        |   |
| Francis  | MARAMANANANANANANANANANANANANANANANANANA  |

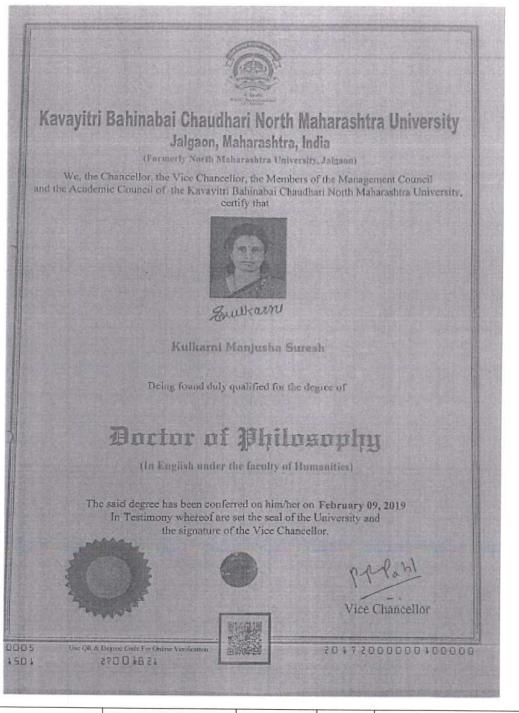
Mr. Gawade Prashant Ramesh State Eligibility test Science 2019 Mathematics



| AHARASHTRA STA  | ATE ELIGIBILTY TEST   |
|---|---|
| Nr Sr   |   |
| STATE ELICIBILITY T   | EST (SET) FOR LECTURESHIP   |
| (Ref.: Government of Maharashtra<br>(Accredited by Univer   | ale Pune University as the State Agency<br>Resolution No.: USG-1391/2066/VS-4 dt. 14-7-1994<br>sity Grants Commission, New Delhi)<br>es of Maharashtra & Goa only)  |
| Seat No. : 377530   | A State of the State of the   |
| Certified that Aware Lahu   | Paraji  |
| son of Aware Laxmi Paraji (N  | Mother)   |
| and Aware Paraji Barku (Fath  | er)   |
| has qualified the Maharashtra   | State Eligibility Test for Lectureship held on  |
| 1st December 2013 in the Math   | ematical Sciences   |
| His Post-graduation subject is 7  | Mathematical Sciences   |
| (4)   | tate  |
| MEMBER SECRETARY (SET)  | CHAIRMAN (STEERING COMMITTEE, SET)  |
| Date of Declaration : 12/06/2014  | Date of Issue : 01/10/2014  |
| should verify the original records/certificate  | authorised Nodal Agency of Government of Maharashtra for SET) has<br>ad documents only, provided by the candidate. The appointing authority<br>as of the candidate while considering him has for appointment. |
| <li>p) For SC, ST, OBC, DT, NT, SBC, PH, VH ca<br/>scheduled Caste / Scheduled Tribe / Other</li> | tegory, the appointing authority should check the relevant documents of<br>Backward Class / Denotified Tribe / Nomadic Tribe / Special Backward<br>fandicapped Candidates before appointment.                 |
| <ul> <li>c) Authenticity of this certificate should<br/>www.setexam.unipune.ac.in</li> </ul>      | be verified from the SET website by the employer through  |
|   | - All   |

| Mr. Aware Lahu<br>Paraji | State Eligibility test | Mathematical<br>Science | 2013 | Mathematics | State and a state |
|--------------------------|------------------------|-------------------------|------|-------------|-------------------|
|                          |                        |                         |      |             | ( * OMULE) \$     |





| Dr. Neha Narendra<br>Pathak | Kavayitri Bahinabai<br>Chaudhari North<br>Maharashtra University<br>Jalgaon, Maharashtra,<br>India | Humanities | 2019 | Humanities  |
|-----------------------------|--|------------|------|-------------|
|                             |  |            |      | DHULE<br>13 |

of Tech

List of faculty with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. is provided having particulars of degree awarding university, subject, the year of award and Degree certificate for the said assessment period authenticated by the Principal's Signature Academic Year 2021-22

|  |              | 1         |   |        |                        | Full tin                          | ne teachers w                     | ith NET/SET/SLI                                       | ET/ Ph. D./D.Sc. / D.Lit        | ./L.L.D. during the  | AY 2021-22  |   |    |
|--|--------------|-----------|---|--------|------------------------|-----------------------------------|-----------------------------------|---|---------------------------------|--|---|---|----|
| Name                                     | ID number    | Vidwan Id | Email                                   | Gender | Designation            | Date of<br>joining<br>institution | Date of<br>Leaving<br>institution | Nature of<br>appointment<br>(temporary/<br>permanent) | Name of the<br>Department       | Highest Qualification<br>(NET/SET/SLET/<br>Ph. D./D.Sc. /<br>D.Litt./L.L.D. ) and<br>Year of obtaining | Specialization  | University  | Ye |
| Dr. Nilesh Pitambarrao<br>Salunke        | 517728104845 | 429740    | nilesh.salunke@svkm<br>.ac.in           | Male   | Principal              | 30-12-2017                        | -                                 | Permanent   | Mechanical<br>Engineering       | Ph.D (2018)  | Mechanical Engineering  | Sardar Vallabhbhai National<br>Institute of Technology,<br>Surat, Gujarat, India. |    |
| Dr. Hitesh Ravindra<br>Thakare           | 442093340659 | 429093    | hitesh.thakare@svkm<br>.ac.in           | Male   | Associate<br>Professor | 15-06-2021                        | -                                 | Permanent   | Mechanical<br>Engineering       | Ph.D (2019)  | Thermal System Design   | Sardar Vallabhbhai National<br>Institute of Technology,<br>Surat, Gujarat, India. |    |
| Dr. Amol Chintaman<br>Badgujar           | 848618118783 | 370126    | amol.badgujar@svk<br>m.ac.in            | Male   | Assistant<br>Professor | 07-06-2021                        | andar <u>.</u> mark               | Permanent   | Mechanical<br>Engineering       | Ph.D (2020)  | Metallurgical Engineering<br>and Materials Science                                    | Indian Institute of<br>Technology Bombay  |    |
| Dr. Shrikant Bhausaheb<br>Randhavane     | 819699103755 | 428888    | shrikant.randhavane<br>@svkm.ac.in      | Male   | Assistant<br>Professor | 18-06-2018                        | -                                 | Permanent   | Civil Engineering               | Ph.D (2018)  | Civil Engineering   | Sardar Vallabhbhai National<br>Institute of Technology Surat                      | :  |
| Dr. Narayan Ratanlal<br>Chandak          | 606613836121 | 221652    | narayan.c@svkm.ac.i<br>n                | Male   | Professor              | 02-08-2021                        | -                                 | Permanent   | Civil Engineering               | Ph.D (2007)  | Structural Engineering  | Banaras Hindu University  | :  |
| Dr. Makarand Rambhau<br>Shahade          | 644392463408 | 429055    | makarand.shahade@<br>svkm.ac.in         | Male   | Associate<br>Professor | 01-07-2021                        | -                                 | Permanent   | Computer Engineering            | Ph.D (2018)  | Computer Science and<br>Engineering   | Sant Gadga Baba Amravati<br>University  | 1  |
| Dr. Vishal Sundarlal<br>Moyal            | 688721369244 | 428849    | vishal.moyal@svkm.<br>ac.in             | Male   | Associate<br>Professor | 18-08-2017                        | -                                 | Permanent   | Electrical Engineering          | Ph.D (2019)  | Eletrical, Electronics and<br>Telecommunication<br>Engineering and<br>Instrumentation | Chhattisgarh Swami<br>Vivekanand Technical<br>University                          | 2  |
| Dr. Namra Rakesh<br>Kumar Joshi          | 676502181809 | 428867    | namra.joshi@svkm.a<br>c.in              | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent   | Electrical Engineering          | Ph.D (2020)  | Electrical Power System   | Oriental University, Indore   | 2  |
| Dr. Bhushan Shivram<br>Chaudhari         | 708314490608 | 428853    | bhushan.chaudhari@<br>svkm.ac.in        | Male   | Assistant<br>Professor | 17-06-2019                        | -                                 | Permanent   | Information<br>Technology       | Ph.D (2019)  | Computer Engineering  | Savitribai Phule Pune<br>University   | 2  |
| Dr. Tushar Raghunath<br>Shinde           | 956349831869 | 429002    | tushar.shinde@svkm.<br>ac.in            | Male   | Assistant<br>Professor | 28-08-2017                        | -                                 | Permanent   | Applied Science<br>(Chem.)      | Ph.D (2015)  | Physical Chemistry  | Charles University, Prague,<br>Czech Republic, EU                                 | 2  |
| Dr. Manoj Rambhau<br>Sonawane            | 684678913242 | 428895    | manoj.sonawane@sv<br>km.ac.in           | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permaneni   | Applied Science<br>(Chem.)      | Ph.D (2015)  | Organic Chemistry   | Charles University, Prague,<br>Czech Republic, EU                                 | 2  |
| Dr. Shakeelur Raheman<br>Ateequr Raheman | 987941102869 |           | shakeelur.ateequrrahe<br>man@svkm.ac.in | Male   | Assistant<br>Professor | 29-08-2020                        | -                                 | Permanent   | Applied Science (Phy.)          | Ph.D (2021)  | Physics   | Institute of Chemical<br>Technology, Mumbai                                       | 2  |
| Dr. Rajiv Pandurangrao<br>Junne          | 816042650024 | 238714    | rajiv.junne@svkm.ac<br>.in              | Male   | Assistant<br>Professor | 18-06-2021                        | -                                 | Permanent   | Applied Science<br>(Comm.Skill) | Ph.D (2021)  | English   | Swami Ramanand Teerth<br>Marathwada University,<br>Nanded                         | 2  |
| Dr. Sambaji Digambar<br>Rao              | 409026855105 | 450579    | sambaji.r@svkm.ac.i<br>n                | Male   | Assistant<br>Professor | 12-07-2021                        |                                   | Permanent   | Applied Science                 | Ph.D (2020)  | Humanities  | Indian Institute of<br>Technology Khargpur  | 2  |
| Mr. Chandu Motilal Koli                  | 327953278030 | 478917 1  | chandu.koli@svkm.a<br>c.in              | Male   | Assistant<br>Professor | 11-06-2018                        | -                                 | Permanent I   | Applied Science<br>(Maths.)     |  | Computational<br>Mathematics  | North Maharashtra<br>University, Jalgaon  | 2  |
| Mr. Sachin Dilip Nerkar                  | 703342320800 | 428897 1  | sachin.nerkar@svkm.<br>ac.in            | Male   | Assistant<br>Professor | 01-08-2018                        | -                                 | Permanent   | A nniled Science (Phy 11        | PG (2015), SET<br>(2016)   | Physics   | North Maharashtra<br>University, Jalgaon  | 20 |
| Mr. Prashant Ramesh<br>Gawade            | 350803726496 | 450499    | prashant.gawade@sv<br>km.ac.in          | Male   | Assistant<br>Professor | 01-08-2018                        | - ]                               |   |                                 | PG (2010), SET<br>(2019)   | Mathematics   | North Maharashtra<br>University, Jalgaon  | 20 |
| Mr. Lahu Paraji Aware                    | 995603505864 | 429017 1  | lahu.aware@svkm.ac<br>.in               | Male   | Assistant<br>Professor | 01-08-2018                        | - 1                               |   |                                 | PG (2009), SET<br>(2014)   | Mathematics   | Savitribai Phule Pune<br>University, Pune   | 20 |

| and the second           |   |
|--------------------------|---|
| Year of<br>complet<br>or | i Title of Thesis   |
| 2018                     | Generation and Optimization of high Pressure Ratio<br>Blade Section for an Axial flow Compressor Using<br>Bezier Parsec Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 2019                     | Investigations on Vortex Tube & Evaluation of Its<br>Industrial Utility   |
| 2020                     | Development of Copper Indium Gallium Diselenide<br>CIGS Solar Cells by Non-vacuum Techniques  |
| 2018                     | "Application of Hydrodynamic Cavitation to Treat<br>Chlorpyrifos and Other Important Parameters from<br>Real Pesticide Wastewater"  |
| 2007                     | Nonlinear Dynamic Response Analysis of Compliant<br>Offshore Triangular TLP under Environmental Loads   |
| 2018                     | A Reliable Power Routing Scheme for Mobile Ad hoc<br>Network  |
| 2019                     | Development of Power Efficient, High Gain Fast<br>Setteling, ADC for Biomedical Application   |
| 2020                     | Voltage Stability analysis of Wind Based Distributed<br>Generation system   |
| 2019                     | Development of an Evolving Intrusion Detection<br>Algorithm for Mobile Ad-hoc Network (MANET)<br>Based on Particle Swarm Optimization (PSO)   |
| 2015                     | Ruthenium Alkylidenes Immobilized on Mesoporous<br>Molucular Sieves as Catalysts for Olefin Metathesis  |
| 2015                     | I. Synthesis and Application of N-Silyloxy Enamines &<br>II. Helquats: Synthesis and Properties   |
| 2021                     | Synthesis of quantum dot and its hybrid for<br>photocatalytic hydrogen evolution from water under<br>visible light irradiation.   |
| 2021                     | The Postcolonial Comparative Study of Select Novels<br>of Andrea Levy, Monica Ali and Zadie Smith: Gender<br>Perspective  |
| 2020                     | Impact of Orgaizational Culture on Organizational<br>Effectiveness: Mediating Role of Social Media and<br>Employee Engagement   |
| 2005                     | Mathematics   |
| 2015                     | Physical Science  |
| 2010                     | Mathematics   |
| 2009 1                   | Mathematics   |
|                          | Palule ( 04)  |

Principal SVKM's Institute of Technology, Bhule



INSTITUTE OF TECHNOLOGY, DHULE

## Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                          | Academic Year | Date       | Year of<br>Award | Department                | Page No |
|------------|--|---------------|------------|------------------|---------------------------|---------|
| 1          | Dr. Nilesh Pitambarrao Salunke           | 2018-2019     | 13/10/2018 | 2018             | Mechanical<br>Engineering | 1       |
| 2          | Dr. Narayan Ratanlal Chandak             | 2007-2008     | 03/10/2007 | 2007             | Civil<br>Engineering      | 2       |
| 3          | Dr. Vishal Sundarlal Moyal               | 2018-2019     | 08/05/2019 | 2019             | Electrical<br>Engineering | 3       |
| 4          | Dr. Hitesh Ravindra Thakare              | 2019-2020     | 13/10/2019 | 2019             | Mechanical<br>Engineering | 4       |
| 5          | Dr. Makarand Rambhau Shahade             | 2017-2018     | 23/02/2018 | 2018             | Computer<br>Engineering   | 5       |
| 6          | Dr. Bhushan Shivram Chaudhari            | 2018-2019     | 28/01/2019 | 2019             | Information<br>Technology | 6       |
| 7          | Dr. Namra Rakesh Kumar Joshi             | 2020-2021     | 18/11/2020 | 2020             | Electrical<br>Engineering | 7       |
| 8          | Dr. Shrikant Bhausaheb<br>Randhavane     | 2019-2020     | 13/10/2019 | 2019             | Civil<br>Engineering      | 8       |
| 9          | Dr. Amol Chintaman Badgujar              | 2020-2021     | 23/08/2020 | 2020             | Mechanical<br>Engineering | 9       |
| 10         | Dr. Tushar Raghunath Shinde              | 2018-2019     | 16/07/2018 | 2018             | Applied<br>Science        | 10      |
| 11         | Dr. Manoj Rambhau Sonawane               | 2014-2015     | 19/01/2015 | 2015             | Applied<br>Science        | 11      |
| 12         | Dr. Shakeelur Raheman Ateequr<br>Raheman | 2020-2021     | 22/03/2021 | 2021             | Applied<br>Science        | 12      |
| 13         | Dr. Rajiv Pandurangrao Junne             | 2022-2023     | 01/06/2022 | 2022             | Applied<br>Science        | 13      |
| 14         | Mr. Chandu Motilal Koli                  | 2015-2016     | 29/05/2016 | 2016             | Applied<br>Science        | 14      |
| 15         | Mr. Sachin Dilip Nerkar                  | 2015-2016     | 29/05/2016 | 2016             | Applied<br>Science        | 15      |
| 16         | Mr. Prashant Ramesh Gawade               | 2015-2016     | 23/06/2019 | 2019             | Applied<br>Science        | 16      |
| 17         | Mr. Lahu Paraji Aware                    | 2013-2014     | 01/12/2013 | 2013             | Applied<br>Science        | 17      |
| 18         | Dr. Sambaji Digambar Rao                 | 2020-2021     | 23/02/2021 | 2021             | Applied<br>Science        | 18      |

## Academic Year 21-22



## Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                             | Academic<br>Year | Date       | Year of<br>Award | Title  |
|------------|---|------------------|------------|------------------|--|
| 1          | Dr. Nilesh<br>Pitambarrao Salunke           | 2018-2019        | 13-10-2018 | 2018             | Generation and Optimization of high<br>Pressure Ratio Blade Section for an Axial<br>flow Compressor Using Bezier Parsec<br>Parameterization Coupled With Genetic<br>algorithm and CFD approach |
| 2          | Dr. Narayan Ratanlal<br>Chandak             | 2007-2008        | 03-10-2007 | 2007             | Nonlinear Dynamic Response of Complian<br>Offshore Triangular TLP Under<br>Environmental Loads   |
| 3          | Dr. Vishal Sundarlal<br>Moyal               | 2018-2019        | 08-05-2019 | 2019             | Development of Power Efficient, High Gain<br>Fast Setteling, ADC for Biomedical<br>Application   |
| 4          | Dr. Hitesh Ravindra<br>Thakare              | 2019-2020        | 13-10-2019 | 2019             | Investigation on Vortex Tube and<br>Evaluation of Its Industrial Utility   |
| 5          | Dr. Makarand<br>Rambhau Shahade             | 2017-2018        | 23-02-2018 | 2018             | A reliable Power Routing Scheme for<br>Mobile Ad Hoc Network   |
| 6          | Dr. Bhushan Shivram<br>Chaudhari            | 2018-2019        | 28-01-2019 | 2019             | Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad- Hoc<br>Network Based on Particle Swarm<br>Optimization  |
| 7          | Dr. Namra Rakesh<br>Kumar Joshi             | 2020-2021        | 18-11-2020 | 2020             | Voltage Stability analysis of Wind Based<br>Distributed Generation system  |
| 8          | Dr. Shrikant<br>Bhausaheb<br>Randhavane     | 2019-2020        | 13-10-2019 | 2019             | Application of Hydrodynamic Cavitation to<br>Treat Chlorpyrifos and other Important<br>Parameters from Real Pesticide<br>Wastewater  |
| 9          | Dr. Amol Chintaman<br>Badgujar              | 2020-2021        | 23-08-2020 | 2020             | Development of Copper Indium Gallium<br>Diselenide CIGS Solar Cells by Non-Vaccum<br>Techniques  |
| 10         | Dr. Tushar Raghunath<br>Shinde              | 2018-2019        | 16-07-2018 | 2018             | Ruthenium Alkylidenes Immobilized on<br>Mesoporous Molucular Sieves as Catalysts<br>for Olefin Metathesis  |
| 11         | Dr. Manoj Rambhau<br>Sonawane               | 2014-2015        | 19-01-2015 | 2015             | I.Synthesis and Application of N-Silyloxy<br>Enamines II. Helquats: Synthesis and<br>Properties  |
| 12         | Dr. Shakeelur<br>Raheman Ateequr<br>Raheman | 2020-2021        | 22-03-2021 | 2021             | Synthesis of quantum dot and its hybrid<br>for photocatalytic hydrogen evolution<br>from water under visible light irradiation   |
| 13         | Dr. Rajiv<br>Pandurangrao Junne             | 2022-2023        | 01-06-2022 | 2022             | The Postcolonial Comparative Study of<br>Select Novels of Andrea Levy Zadie Smith<br>and Monica Ali: A Gender Perspective  |

### Academic Year 21-22

| 14 | Mr. Chandu Motilal<br>Koli    | 2015-2016 | 29-05-2016 | 2016 | Mathematics  |
|----|-------------------------------|-----------|------------|------|--|
| 15 | Mr. Sachin Dilip<br>Nerkar    | 2015-2016 | 29-05-2016 | 2016 | Physical Science   |
| 16 | Mr. Prashant Ramesh<br>Gawade | 2015-2016 | 23-06-2019 | 2019 | Mathematics  |
| 17 | Mr. Lahu Paraji<br>Aware      | 2013-2014 | 01-12-2013 | 2013 | Mathematics  |
| 18 | Dr. Sambaji Digambar<br>Rao   | 2020-2021 | 23-02-2021 | 2021 | Impact of Orgaizational Culture on<br>Organizational Effectiveness: Mediating<br>Role of Social Media and Employee<br>Engagement |





## SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Mechanical Engineering nn Salunke Nilesh Pitambarrao who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2018, the thesis entitled: Generation and Optimization of High Pressure Ratio Blade Section for an Axial Flow Compressor Using Bezier Parsec Parameterization Coupled with Genetic Algorithm and CFD Approach Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2018. nate & Board of Governory

Sr No.: D09ME008/10/2018 - 4 2



| Dr. Nilesh Pitambarrao<br>Salunke | Sardar<br>Vallabhbhai<br>National<br>Institute of<br>Technolgy,<br>surat | Mechanical<br>Engineering | 2018 | Generation and Optimization of high<br>Pressure Ratio Blade Section for an<br>Axial flow Compressor Using Bezier<br>Parsec Parameterization Coupled<br>With Genetic algorithm and CFD<br>approach |
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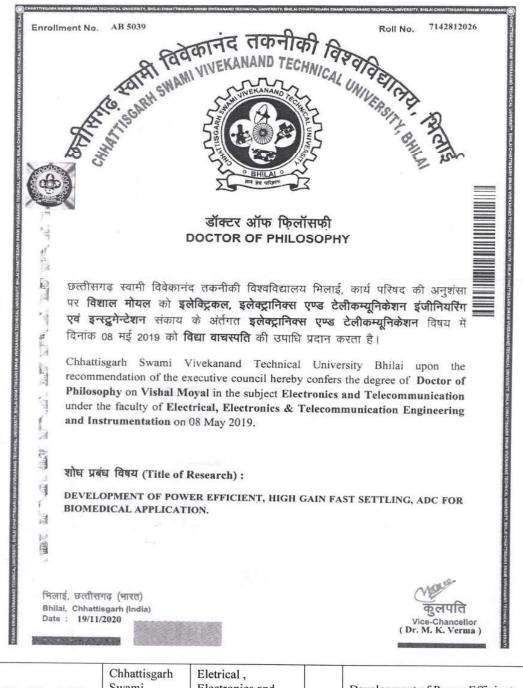


|                     | Martin Contractor                              |   |                       |
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| 9                   |  | निश्वविगालग   | D00352/07             |
| 10                  |  | विश्वविद्यालय                                       | C A                   |
|                     |  | du University                                       | Carlor .              |
|                     | titelogi PO                                    | UNDER 1319  |                       |
|                     | श्री नारायण रतनलाल                             | जो चांडक इति-नामा                                   |                       |
| २००७ त              | मे ईसवीयवर्षे सिविल इंजीनि                     | यरिंग इति विषये विश्वविद्याल                        | यस्यास्य              |
|                     | डाक्टर ऑफ फ़िलासाफ़ी इत                        | युपाधिं प्राप्नोदिति प्रमाणयति।                     |                       |
| प्र                 | ाणित किया जाता है कि श्री                      | नारायण रतनलालजी चांडक                               |                       |
|                     | को सन् २००७ की सिबिन                           | ल इंजीनियरिंग विषय में                              |                       |
| इस विश              | विद्यालय की डाक्टर ऑफ                          | फ़िलासाफ़ी उपाधि प्रवान की                          | गई ।                  |
| This                | is to certify that Shri N                      | arayan Ratanlalji Chand                             | ak                    |
| has be              | n admitted to the degre                        | e of Doctor of Philosoph                            | y in                  |
| Cio                 | l Engineering of this U                        | niversity of the year 200                           | 7                     |
| Title of the Thesis | - Nonlinear Dynamic Re<br>Triangular TLP Under | sponse Analysis of Compliant<br>Environmental Loads | t Offshore            |
|                     |  |   | y dugt                |
| स्थानः वाराणसी      |  | March 13, 2008                                      | कुलपतिः<br>Chancellor |

| Dr. Narayan Ratanlal<br>Chandak<br>Banaras Hindu<br>University<br>Engineering |  | Nonlinear Dynamic Response of<br>Compliant Offshore Triangular TLP<br>Under Environmental Loads |
|---|--|---|
|---|--|---|







| Dr. Vishal Sundarlal<br>Moyal | Chhattisgarh<br>Swami<br>Vivekanand<br>Technical<br>University | Electronics and<br>Telecommunication<br>Engineering and<br>Instrumentation | 2019 | Development of Power Efficient,<br>High Gain Fast Setteling, ADC for<br>Biomedical Application |
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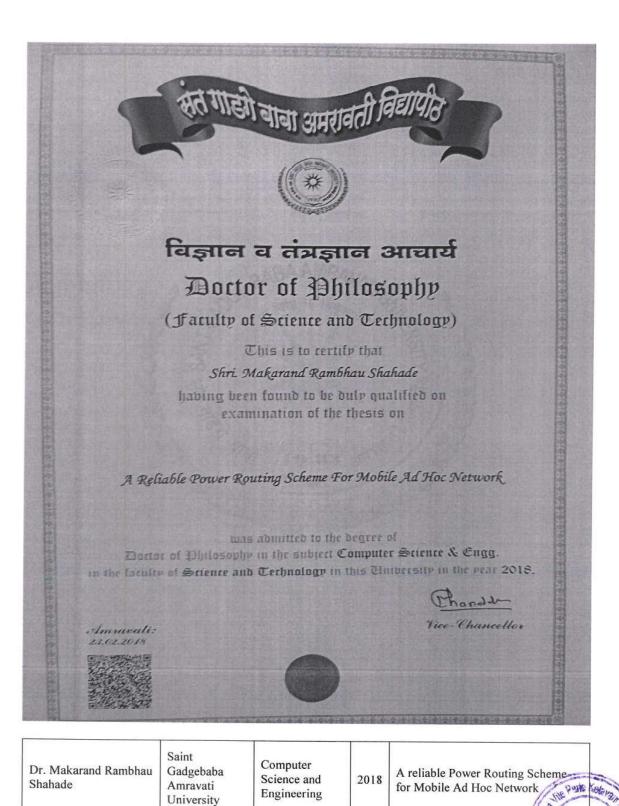




## SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Mechanical Engineering an THAKARE HITESH RAVINDRA who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in December 2018, the thesis entitled: Investigations on Vortex Tube & Evaluation of Its Industrial Utility Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2019. Registra Senate & Board of Governors Sr No .: DS13ME004/10/2019 - LE Sardar Vallabhbhai Dr. Hitesh Ravindra Mechanical Investigation on Vortex Tube and National Institute 2019 Thakare Engineering Evaluation of Its Industrial Littlitane Ka of Technolgy, surat





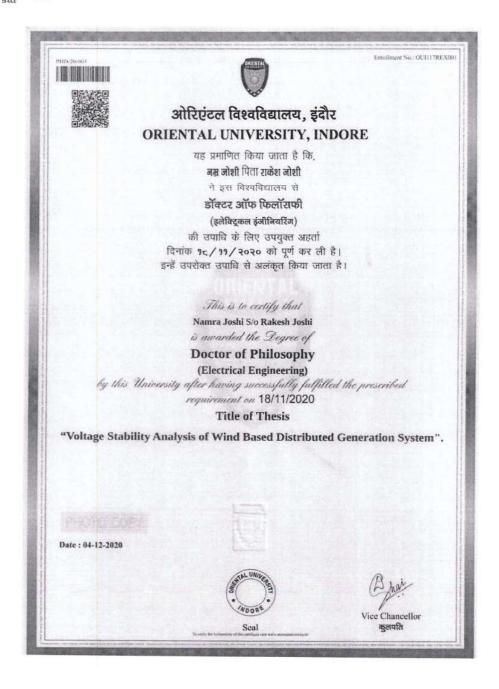
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|                   |  | 10                  |  |  |  |  |
|                   |  |                     | le Pune University   |  |  |  |
|                   | (form  | erly U              | niversity of Pune)   |  |  |  |
| Do                | eclaration of Result                                       | t of th             | e Doctor of Philosophy (Ph.D.)   |  |  |  |
| Ch                | audhari Bhushan Sh   | ivram               | ( चौधरी भुषण शिवराम )  |  |  |  |
| M                 | other's Name : Lata  |                     | ( ऌता )  |  |  |  |
| the<br>the<br>dec | award of Ph.D., as per rep<br>sis. Accordingly, it is here | orts of<br>ebv noti | mitted by the above-mentioned candidate for<br>referees and examiners of open defense of the<br>fied that, the above-mentioned candidate i<br>on of Ph. D. and has become eligible for the |  |  |  |
| RE                | LEVANT DETAILS ARE   | AS UND              |  |  |  |  |
| 1                 | Faculty  | :                   | Science & Technology   |  |  |  |
| 2                 | Subject  | :                   | Computer Engineering   |  |  |  |
| 3                 | Title of the Thesis  | :                   | : "Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad-hoc<br>Network based on Particle Swarm<br>Optimization"   |  |  |  |
| 4                 | Place of Research  | :                   | Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.   |  |  |  |
| 5                 | Name and Address of the Guide                              | â                   | Dr. Rajesh Prasad<br>Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.  |  |  |  |
| 6                 | Date of Registration                                       | :                   | 20th April, 2015   |  |  |  |
| 7                 | Date of Declaration of<br>Result                           | :                   | 28 <sup>th</sup> January, 2019   |  |  |  |
| Ref. 1            | shkhind, Pune 411007<br>No. PGS/Ph .D. / 4つ<br>29JAN 2019  |                     | for Director<br>Board of Examinations & Evaluation   |  |  |  |
| <b>夏</b> 龍長月      | IN DECEMBER DE         |                     | 슻숺,흕痣,놂볛,흕븮,댦븮,댦븮,핝셵,양면,양은,양은,양은,양은,양은, 등은, 등은, 등은, 등은, 등은, 등은, 등은, 등은, 등은, 등  |  |  |  |

| Dr. Bhushan Shivram<br>Chaudhari | Savitribai<br>Phule Pune<br>University | Computer<br>Engineering | 2019 | Development of an Evolving<br>Intrusion Detection Algorithm for<br>Mobile Ad- Hoc Network Based on<br>Particle Swarm Optimization |
|----------------------------------|--|-------------------------|------|---|
|                                  |  |                         |      | P   |





| Dr. Namra Rakesh<br>Kumar Joshi | Oriental<br>University<br>Indore | Electrical<br>Engineering | 2020 | Voltage Stability analysis of Wind<br>Based Distributed Generation<br>system |
|---------------------------------|----------------------------------|---------------------------|------|--|
|---------------------------------|----------------------------------|---------------------------|------|--|





सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Civil Engineering RANDHAVANE SHRIKANT BHAUSAHEB who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2019, the thesis entitled: Application of Hydrodynamic Cavitation to Treat Chlorpyrifos and Other Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2019. Chairman, Board of Governor Sr No.: DS14CE002/10/2019 - 14 Sardar Vallabhbhai Application of Hydrodynamic Dr. Shrikant Bhausaheb National Civil Cavitation to Treat Chlorpyrifos 2019 Randhavane Institute of Engineering other Important Parameters for Technolgy, Real Pesticide Wastewater surat



## SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE

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## भारतीय प्रौद्योगिकी संस्थान मुंबई बडगुजर अमोल चिंतामण नलिनी <sub>मे एलद्वारा</sub>

## विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रवंध के सफल पक्षपोषण के उपरांत मुंबई, भारतीय गणराज्य मे आज 23 अगस्त, 2020 को दी गई है ।

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

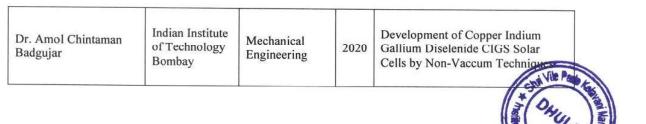
## Badgujar Amol Chintaman Nalini

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended the thesis entitled: "Development of Copper Indium Gallium Diselenide CIGS Solar Cells by Non-vacuum Techniques." Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 23rd day of August 2020.



कुलसचिव Registrar

अध्यक्ष, अभिषद एवं अध्यक्ष, शासी मंडल Chairperson, Senate and Chairman, Board of Governors







## भारतीय विश्वविद्यालय संघ

ASSOCIATION OF INDIAN UNIVERSITIES

AIU HOUSE, 16, Comrade Indrajit Gupta Marg, New Dethi-110 002 EPABX : 91-011 23230059 (6 lines) / FAX : 91-011- 23232131 http://www.aiu.ac.in E-mail : evaluation@aiu.ac.in

#### E.C. Nº 023603

Date 16.07.2018

#### EQUIVALENCE CERTIFICATE

NAME: Mr/Ms.

## TUSHAR RAGHUNATH SHINDE

**Charles University in Prague** 

DEGREE/DIPLOMA

Doctor of Philosophy

Praha, Czech Republic,

AWARDING UNIVERSITY / INSTITUTION STATUS of the awarding Institution

Charles University in Prague is an accredited University in Czech Republic listed on Page 1138 of 'International Handbook of Universities' -2017.

SCORE/GRADE As shown on the Academic Transcript

#### EVALUATION OF EDUCATIONAL CREDENTIALS

TUSHAR RAGHUNATH SHINDE has obtained Doctor of Philosophy Degree in Physical Chemistry - Ruthenium alkylidenes immobilized on mesoporous molecular sieves as catalysts for olefin metathesis' from Charles University in Prague(Univerzita Karlova V Praze) an accredited University in Czech Republic - this qualification is EQUATED with Doctor of Philosophy Degree in the corresponding field of an Indian University.

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

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Association of Indian Universities ARJ House, 18, Catorade Indrajt Gopts Marg. New Delhi-110002

E-mail : events microid/Dolarseob.org AUTHORITY: Ministry of Human Resource Development, Coverament of India, New Delhi, Gazette Notification

No.F15-17/94-TS-IV dt 13 March 1995.

| Dr. Tushar Raghunath<br>Shinde | Charles<br>University in<br>Parague | Physical<br>Chemistry | 2018 | Ruthenium Alkylidenes<br>Immobilized on Mesoporous<br>Molucular Sieves as Catalysts for<br>Olefin Metathesis |
|--------------------------------|-------------------------------------|-----------------------|------|--|
|--------------------------------|-------------------------------------|-----------------------|------|--|





Charles University in Prague, Faculty of Science Albertov 6, 128 43 Prague 2, Czech Republic tel. -fax +420-224921111

## CERTIFICATE

Charles University in Prague, Faculty of Science confirms herewith that

Manoj Rambhau Sonawane

born on 14th September, 1984 in Dhule, India has fulfilled the requirements of the Ph.D. study in Organic chemisstry

with thesis:

" I. Synthesis and Application of N-Silyloxy Enamines II. Helquats: Synthesis and Properties"

at Charles University in Prague, Faculty of Science on 19th January, 2015

On this basis he was awarded the title **"Doctor"** This degree corresponds to the scientific degree of "Doctor of Philosophy (Ph.D.)" according to the British system of Scientific Degrees.

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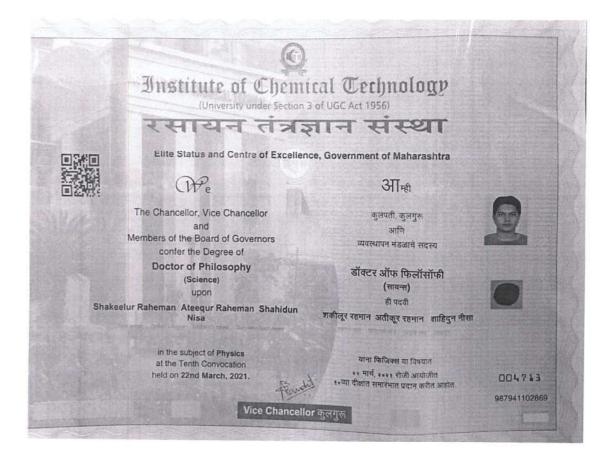
Prof. RNDr. Bohuslav Gaš, CSc. Dean Charles University in Prague Faculty of Science

Prague, 19th January, 2015 UNIVERZITA KARLOVA v Praze Prind v edecka fakulta Alberator, 128-13 Praha 2 ICO: 00216208, DIČ: CZ00216208 UK 121

| Dr. Manoj Rambhau<br>Sonawane | Charles<br>University in<br>Parague | Organic<br>Chemistry | 2015 | I.Synthesis and Application of N-<br>Silyloxy Enamines II. Helquats:<br>Synthesis and Properties |
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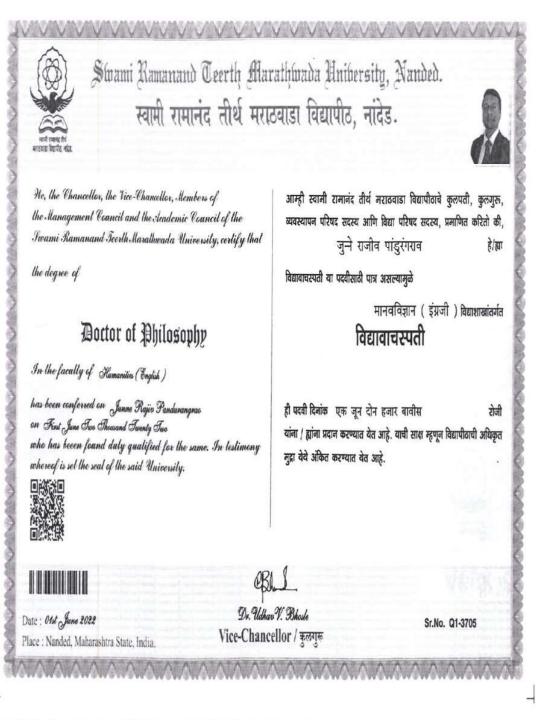


| Dr. Shakeelur Raheman<br>Ateequr Raheman | Institute of<br>Chemical<br>Technology | Physics | 2021 | Synthesis of quantum dot and its<br>hybrid for photocatalytic hydrogen<br>evolution from water under visible<br>light irradiation |
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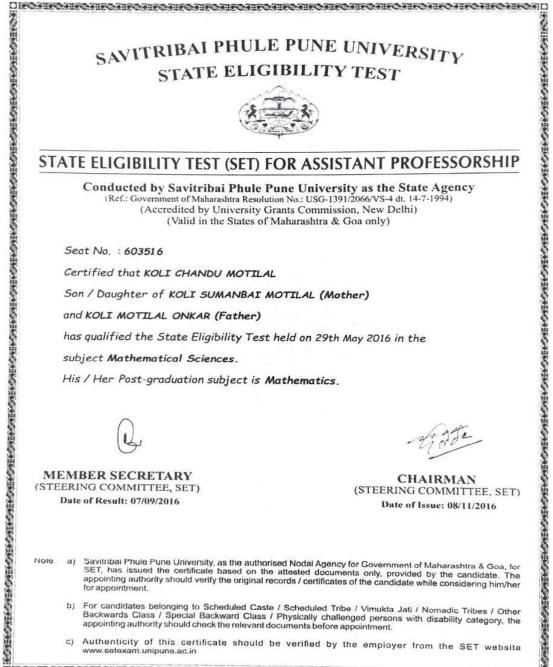
## SHRI VILE PARLE KELAVANI MANDAL'S NSTITUTE OF TECHNOLOGY, DHULE



| Dr. Rajiv Pandurangrao<br>Junne | Swami<br>Ramanand<br>teerth<br>Marathwada<br>University,<br>Nanded | Humanities | 2022 | The Postcolonial Comparative Study<br>of Select Novels of Andrea Levy<br>Zadie Smith and Monica Ali: A<br>Gender Perspective |  |
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| Mr. Koli Chandu<br>Motilal | State Eligibility test | Mathematical<br>Science | 2016 | Mathematics |          |
|----------------------------|------------------------|-------------------------|------|-------------|----------|
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| SAVITRIBAI PHULI<br>STATE ELIG  | E PUNE UNIVERSITY<br>IBILITY TEST  |
|---|--|
| STATE ELIGIBILITY TEST (SET) F  | OR ASSISTANT PROFESSORSHIP   |
| Conducted by Savitribai Phule P<br>(Ref.: Government of Maharashtra Resoluti<br>(Accredited by University G   | une University as the State Agency<br>ion No.: USG-1391/2066/VS-4 dt. 14-7-1994)<br>rants Commission, New Delhi)<br>Maharashtra & Goa only)  |
| Seat No. : 6446!2   |  |
| Certified that NERKAR SACHIN DILIP  |  |
| Son / Daughter of NERKAR SUREKHA I  | DILIP (Mother)   |
| and NERKAR DILIP SHRAVAN (Father)   |  |
| has qualified the State Eligibility Test  | held on 29th May 2016 in the   |
| subject Physical Science.   |  |
| His / Her Post-graduation subject is PH   | nysical Science.   |
| Q.  | - Horde  |
| MEMBER SECRETARY  | CHAIRMAN   |
| TEERING COMMITTEE, SET)<br>Date of Result: 07/09/2016   | (STEERING COMMITTEE, SET)  |
| Date of Result: 07/09/2010  | Date of Issue: 08/11/2016  |
| SET, has issued the certificate based on the  | ed Nodal Agency for Government of Maharashtra & Goa, for<br>attested documents only, provided by the candidate. The<br>cords / certificates of the candidate while considering him/her |
| b) For candidates belonging to Scheduled Caste<br>Backwards Class / Special Backward Class /<br>appointing authority should check the relevant door | / Schedulad Tribe / Vimukta Jati / Nomadic Tribes / Other<br>Physically challenged persons with disability category, the<br>currents before appointment.                               |
|   | e verified by the employer from the SET website  |

| Mr. Nerkar Sachin<br>Dilip | State Eligibility<br>test | Physical<br>Science | 2016 | Physical Science |  |
|----------------------------|---------------------------|---------------------|------|------------------|--|
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| Elect   | ronic Certificate Number: 19202930   |
| Ę.      | SAVITRIBAI PHULE PUNE UNIVERSITY   |
| ŧ       | NODAL AGENCY   |
| Ę.      | <u>A</u>   |
| ŧ       | (A state A   |
| £       | Careford and Caref |
| E       | STATE ELIGIBILITY TEST FOR ASSISTANT PROFESSOR   |
| ç       | (Accredited by University Grants Commission, New Delhi)<br>(Valid in the States of Maharashtra & Goa only)   |
| ĉ.      | (value in the states of Manualshing & God only)  |
| £       |  |
| Ē       |  |
| Ę –     | SET Ref. No.: 2930/(SET-JUN 2019) Seat No.: 800611   |
| E .     | Certified that GAWADE PRASHANT RAMESH  |
| Ę –     | Son/Daughter of GAWADE RAMESH RATAN and  |
| Ę       | GAWADE MIRABAI RAMESH, has qualified the SET for eligibility for<br>Assistant Professor held on 23rd June 2019 in the subject Mathematical   |
| £       | Sciences.  |
| Ę       | (1998) (1995) (199   |
| E       | As per the information provided by the candidate, he/she had completed his/her Master's  |
| Ę.      | degree or equivalent examination at the time of applying for SET.  |
| E       | · · · · · · · · · · · · · · · · · · ·  |
| Č.      | The date of eligibility for Assistant Professor is the date of declaration of SET result, i.e.,  |
| ε       | 11/10/2019 , OR the date of completion of Master's degree or equivalent examination with   |
| È       | required percentage of marks within two years from the date of declaration of SET result,<br>i.e., by 10/10/2021, whichever is later.  |
| E       | to, by tor tor coct, whichever is later.   |
| F.      | This is an electronic certificate only, its authenticity and category in which the candidate had   |
| 5       | appeared should be verified from the Nodal Agency by the Institution/Appointing Athourity.   |
| 2       | This electronic certificate can also be verified by scanning Bar code printed on the electronic<br>certificate.  |
|         | certificate.   |
| E I     | Validity of this electronic certificate is forever.  |
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|         | AND De   |
| 5       | del Churcher   |
| 5       | MEMBER SECRETARY CHAIRMAN  |
|         | STEERING COMMITTEE, SET STEERING COMMITTEE, SET  |
|         | Date of Issue : 13/11/2019   |
|         |  |
| Note    | : The Nodal Agency has issued the electronic certificate on the basis of information   |
|         | provided by the candidate in his/her Application Form. The appointing authority should   |
|         | verify the original records/certificates of the candidate while considering him/her for  |
| 5       | appointment, as the Nodal Agency is not responsible for the same. The candidate must<br>fulfil the minimum eligibility conditions for SET as laid down in the notification for   |
|         | The Nodal Agency has issued the electronic certificate on the basis of information<br>provided by the candidate in his/her Application Form. The appointing authority should<br>verify the original records/certificates of the candidate while considering him/her for<br>appointment, as the Nodal Agency is not responsible for the same. The candidate must<br>fulfil the minimum eligibility conditions for SET as laid down in the notification for<br>SET.  |
| E.      |  |
| Sec. Ma | <u></u>  |

| Mr. Gawade<br>Prashant<br>Ramesh | State Eligibility<br>test | Mathematical<br>Science | 2019 | Mathematics | 2 alla Kalavany |
|----------------------------------|---------------------------|-------------------------|------|-------------|-----------------|
|                                  |                           |                         |      | -           |                 |



| AHARASHTRA ST  | HULE PUNE UNIVERSITY   |
|--|--|
| Mr SA  | SITY ET  |
| STATE ELIGIBILITY  | TEST (SET) FOR LECTURESHIP   |
| (Ref.: Government of Maharasht<br>(Accredited by Unive                                     | hule Pune University as the State Agency<br>ra Resolution No.: USG-1391/2066/VS-4 dt. 14-7-1994<br>ersity Grants Commission, New Delhi)<br>ates of Maharashtra & Goa only)   |
| Seat No. : 377530  |  |
| Certified that Aware Lah   | u Paraji   |
| son of Aware Laxmi Paraji (  | Mother)  |
| and Aware Paraji Barku (Fai  | ther)  |
| has qualified the Maharashtra  | State Eligibility Test for Lectureship held on   |
| 1st December 2013 in the Mai   | thematical Sciences  |
| His Post-guaduation subject is   | Mathematical Sciences  |
| (l)  | at   |
|  | az   |
| MEMBER SECRETARY (SET)   | CHAIRMAN (STEERING COMMITTEE, SET)   |
| Date of Declaration : 12/06/2014   | Date of Tssue : 01/10/2014   |
| should verify the original records/certific  | e authorised Nodal Agency of Government of Maharashtra for SET) has<br>sted documents only, provided by the candidate. The appointing authority<br>ates of the candidate while considering him her for annoistment |
| scheduled Caste / Scheduled Tribe / Ott  | category, the appointing authority should check the relevant documents of<br>her Backward Class / Denotified Tribe / Nomadic Tribe / Special Backward<br>y Handicapped Candidates before appointment.              |
| <ul> <li>c) Authenticity of this certificate shou<br/>www.setexam.unipune.ac.in</li> </ul> | Id be verified from the SET website by the employer through  |
|  | All a  |

| Mr. Aware Lahu<br>Paraji | State Eligibility test | Mathematical<br>Science | 2013 | Mathematics | CITUR Part Astal |
|--------------------------|------------------------|-------------------------|------|-------------|------------------|
|                          |                        |                         |      |             | TOMULE )         |



Roll No.15HS91Q01



## INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

OD

#### Rao Sambhjirao Digambar

in recognition of the research work on

Impact of Organizational Culture on Organizational Effectiveness: Mediating Role of Social Media and Employee Engagement

Given under the seal of the Institute at Kharagpur on the Twenty Third day of February, Two Thousand and Twenty One





Dr. Sambaji Digambar Rao Indian Institute of Technology Khargpur Humanities 2021 Impact of Orgaizational Culture on Organizational Effectiveness: Mediating Role of Social Media and Employee Engagement



List of faculty with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. is provided having particulars of degree awarding university, subject, the year of award and Degree certificate for the said assessment period authenticated by the Principal's Signature Academic Year 2022-23

|   | Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the AY 2022-23 |           |   |        |                        |                             |                                |   |                                 |   |   |   |                      |
|---|---|-----------|---|--------|------------------------|-----------------------------|--------------------------------|---|---------------------------------|---|---|---|----------------------|
| Name                                      | ID number   | Vidwan Id | Email                                   | Gender | Designation            | Date of joining institution | Date of Leaving<br>institution | Nature of<br>appointment<br>(temporary/<br>permanent) | Name of the<br>Department       | Highest Qualification<br>(NET/SET/SLET/ Ph.<br>D./D.Sc. / D.Litt./L.L.D.<br>and Year of obtaining |   | University  | Year of<br>completio |
| Dr. Nilesh Pitambarrao<br>Salunke         | 517728104845  | 429740    | nilesh.salunke@svkm.ac.<br>in           | Male   | Principal              | 30-12-2017                  |                                | Permanent   | Mechanical<br>Engineering       | Ph.D (2018)   | Mechanical<br>Engineering                             | Sardar Vallabhbhai National<br>Institute of Technology, Surat,<br>Gujarat, India. | 201                  |
| Dr. Hitesh Ravindra<br>Thakare            | 442093340659  | 429093    | hitesh.thakare@svkm.ac.<br>in           | Male   | Associate<br>Professor | 15-06-2021                  | -                              | Permanent   | Mechanical<br>Engineering       | Ph.D (2019)   | Thermal System<br>Design                              | Sardar Vallabhbhai National<br>Institute of Technology, Surat,<br>Gujarat, India. | 201                  |
| Dr. Amol Chintaman<br>Badgujar            | 848618118783  | 370126    | amol.badgujar@svkm.ac.<br>in            | Male   | Assistant<br>Professor | 07-06-2021                  | -                              | Permanent   | Mechanical<br>Engineering       | Ph.D (2020)   | Metallurgical<br>Engineering and<br>Materials Science | Indian Institute of Technology<br>Bombay  | 202                  |
| Dr. Mohd Modassir<br>Hussain              | 420402761487  | 428991    | mdmodassir.hussain@sv<br>km.ac.in       | Male   | Assistant<br>Professor | 01-08-2022                  | eren eren eren er              | Permanent   | Mechanical<br>Engineering       | Ph.D (2023)   | Mechanical<br>Engineering                             | Institute of Chemical Technology,<br>Mumbai                                       | 202                  |
| Dr. Shrikant Bhausaheb<br>Randhavane      | 819699103755  | 428888    | shrikant.randhavane@sv<br>km.ac.in      | Male   | Assistant<br>Professor | 18-06-2018                  | -                              | Permanent   | Civil Engineering               | ; Ph.D (2018)   | Civil Engineering                                     | Sardar Vallabhbhai National<br>Institute of Technology, Surat,<br>Gujarat, India. | 201                  |
| Dr. Narayan Ratanlal<br>Chandak           | 606613836121  | 221652    | narayan.c@svkm.ac.in                    | Male   | Professor              | 02-08-2021                  | -                              | Permanent   | Civil Engineering               | ; Ph.D (2007)   | Structural<br>Engineering                             | Banaras Hindu University  | 200                  |
| Dr. Makarand Rambhau<br>Shahade           | 644392463408  | 429055    | makarand.shahade@svk<br>m.ac.in         | Male   | Associate<br>Professor | 01-07-2021                  | -                              | Permanent   | Computer<br>Engineering         | Ph.D (2018)   | Computer Science<br>and Engineering                   | Sant Gadga Baba Amravati<br>University  | 201                  |
| Dr. Vishal Sundarlal<br>Moyal             | 688721369244  | 428849    | vishal.moyal@svkm.ac.in                 | Male   | Associate<br>Professor | 18-08-2017                  | -                              | Permanent   | Electrical<br>Engineering       | Ph.D (2019)   | and<br>Telecommunication                              | Chhattisgarh Swami Vivekanand<br>Technical University                             | 2019                 |
| Dr. Namra Rakesh<br>Kumar Joshi           | 676502181809  | 428867    | namra.joshi@svkm.ac.in                  | Male   | Assistant<br>Professor | 11-06-2018                  | -                              | Permanent   | Electrical<br>Engineering       | Ph.D (2020)   | Electrical Power<br>System                            | Oriental University, Indore   | 202                  |
| Dr. Ankush Kumar<br>Shyamsunder Mudholker | 614480692676  | 428913    | ankush.mudholker@svk<br>m.ac.in         | Male   | Assistant<br>Professor | 02-08-2022                  | -                              | Permanent   | Electrical<br>Engineering       | Ph.D (2023)   | Eletrical and<br>Electronics Engineering              | Jawaharlal Nehru Technological<br>University Hyderabad                            | 202                  |
| Dr. Bhushan Shivram<br>Chaudhari          | 708314490608  | 428853    | bhushan.chaudhari@svk<br>m.ac.in        | Male   | Associate<br>Professor | 17-06-2019                  | -                              | Permanent   | Information<br>Technology       | Ph.D (2019)   | Computer<br>Engineering                               | Savitribai Phule Pune University  | 2019                 |
| Dr. Tushar Raghunath<br>Shinde            | 956349831869  | 429002    | tushar.shinde@svkm.ac.i<br>n            | Male   | Assistant<br>Professor | 28-08-2017                  | -                              | Permanent   | Applied Science<br>(Chem.)      | Ph.D (2015)   | Physical Chemistry                                    | Charles University, Prague, Czech<br>Republic, EU                                 | 2015                 |
| Dr. Manoj Rambhau<br>Sonawane             | 684678913242  | 428895    | manoj.sonawane@svkm.<br>ac.in           | Male   | Assistant<br>Professor | 11-06-2018                  | -                              | Permanent   | Applied Science<br>(Chem.)      | Ph.D (2015)   | Organic Chemistry                                     | Charles University, Prague, Czech<br>Republic, EU                                 | 2015                 |
| Dr. Shakeelur Raheman<br>Ateequr Raheman  | 987941102869  |           | shakeelur.ateequrrahema<br>n@svkm.ac.in | Male   | Assistant<br>Professor | 29-08-2020                  | -                              | IPermanent I  | Applied Science<br>(Phy.)       | Ph.D (2021)   | Physics   | Institute of Chemical Technology<br>Mumbai  | 2021                 |
| Dr. Rajiv Pandurangrao<br>Junne           | 816042650024  | 238714    | rajiv.junne@svkm.ac.in                  | Male   | Assistant<br>Professor | 18-06-2021                  |                                | Permanent   | Applied Science<br>(Comm.Skill) | Ph.D (2021)   | English   | Swami Ramanand Teerth<br>Marathwada University Nanded                             | 2021                 |
| Dr. Sambaji Digambar<br>Rao               | 409026855105  | 450579    | sambaji.r@svkm.ac.in                    | Male   | Assistant<br>Professor | 12-07-2021                  | 19-05-2023                     | Permanent   | Applied Science                 | Ph.D (2020)   | Humanities  | Indian Institute of Technology<br>Khargpur  | 2020                 |
| Mr. Chandu Motilal Koli                   | 327953278030  | 428917    | chandu.koli@svkm.ac.in                  | Male   | Assistant<br>Professor | 11-06-2018                  | -                              | Permanent   | Applied Science<br>(Maths.)     | PG (2005), SET (2016)   | Computational<br>Mathematics                          | North Maharashtra University,<br>Jalgaon  | 2005                 |
| Mr. Sachin Dilip Nerkar                   | 703342320800  | 428897    | sachin.nerkar@svkm.ac.i<br>n            | Male   | Assistant<br>Professor | 01-08-2018                  | -                              | Permanent   | Applied Science<br>(Phy.)       | PG (2015), SET (2016)   | Physics   | North Maharashtra University,<br>Jalgaon  | 2015                 |
| Mr. Prashant Ramesh<br>Gawade             | 350803726496  | 450499    | prashant.gawade@svkm.<br>ac.in          | Male   | Assistant<br>Professor | 01-08-2018                  |                                | Permanent   | Applied Science<br>(Maths.)     | PG (2010), SET (2019)   | Mathematics   | North Maharashtra University,<br>Jalgaon  | 2010                 |
| Mr. Lahu Paraji Aware                     | 995603505864  | 429017    | lahu.aware@svkm.ac.in                   | Male   | Assistant<br>Professor | 01-08-2018                  | -                              |   | Applied Science<br>(Maths.)     | PG (2009), SET (2014)   | Mathematics   | Savitribai Phule Pune University  | 2009                 |

| of<br>ion | Title of Thesis  |
|-----------|--|
| 018       | Generation and Optimization of high Pressure Ratio Blade Section<br>for an Axial flow Compressor Using Bezier Parsec Parameterization<br>Coupled With Genetic algorithm and CFD approach |
| 019       | Investigations on Vortex Tube & Evaluation of Its Industrial Utility   |
| 020       | Development of Copper Indium Gallium Diselenide CIGS Solar<br>Cells by Non-vacuum Techniques   |
| )23       | Tribological Study of Sustainable Biodegradable lubricants and its hydrodynamic journal bearing application  |
| )18       | "Application of Hydrodynamic Cavitation to Treat Chlorpyrifos and<br>Other Important Parameters from Real Pesticide Wastewater"  |
| 07        | Nonlinear Dynamic Response Analysis of Compliant Offshore<br>Triangular TLP under Environmental Loads  |
| )18       | A Reliable Power Routing Scheme for Mobile Ad hoc Network  |
| )19       | Development of Power Efficient, High Gain Fast Setteling, ADC for<br>Biomedical Application  |
| 20        | Voltage Stability analysis of Wind Based Distributed Generation system   |
| 23        | Application of Renewable Technologies in Disaster Management   |
| 19        | Development of an Evolving Intrusion Detection Algorithm for<br>Mobile Ad-hoc Network (MANET) Based on Particle Swarm<br>Optimization (PSO)  |
| 15        | Ruthenium Alkylidenes Immobilized on Mesoporous Molucular<br>Sieves as Catalysts for Olefin Metathesis   |
| 15        | I. Synthesis and Application of N-Silyloxy Enamines & II. Helquats:<br>Synthesis and Properties  |
| 21        | Synthesis of quantum dot and its hybrid for photocatalytic hydrogen evolution from water under visible light irradiation   |
|           | The Postcolonial Comparative Study of Select Novels of Andrea<br>Levy, Monica Ali and Zadie Smith: Gender Perspective  |
|           | Impact of Orgaizational Culture on Organizational Effectiveness:<br>Mediating Role of Social Media and Employee Engagement   |
| 05        | Mathematics  |
| 15        | Physical Science   |
| 10        | Mathematics  |
| 991       | Mathematics  |
|           |  |





INSTITUTE OF TECHNOLOGY, DHULE

## Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

| Sr.<br>No. | Name of Faculty                           | Academic<br>Year | Date       | Year of<br>Award | Department                | Page No |
|------------|---|------------------|------------|------------------|---------------------------|---------|
| 1          | Dr. Nilesh Pitambarrao Salunke            | 2018-2019        | 13/10/2018 | 2018             | Mechanical<br>Engineering | 1       |
| 2          | Dr. Narayan Ratanlal Chandak              | 2007-2008        | 03/10/2007 | 2007             | Civil<br>Engineering      | 2       |
| 3          | Dr. Vishal Sundarlal Moyal                | 2018-2019        | 08/05/2019 | 2019             | Electrical<br>Engineering | 3       |
| 4          | Dr. Hitesh Ravindra Thakare               | 2019-2020        | 13/10/2019 | 2019             | Mechanical<br>Engineering | 4       |
| 5          | Dr. Makarand Rambhau Shahade              | 2017-2018        | 23/02/2018 | 2018             | Computer<br>Engineering   | 5       |
| 6          | Dr. Bhushan Shivram Chaudhari             | 2018-2019        | 28/01/2019 | 2019             | Information<br>Technology | 6       |
| 7          | Dr. Namra Rakesh Kumar Joshi              | 2020-2021        | 18/11/2020 | 2020             | Electrical<br>Engineering | 7       |
| 8          | Dr. Shrikant Bhausaheb<br>Randhavane      | 2019-2020        | 13/10/2019 | 2019             | Civil<br>Engineering      | 8       |
| 9          | Dr. Amol Chintaman Badgujar               | 2020-2021        | 23/08/2020 | 2020             | Mechanical<br>Engineering | 9       |
| 10         | Dr. Tushar Raghunath Shinde               | 2018-2019        | 16/07/2018 | 2018             | Applied<br>Science        | 10      |
| 11         | Dr. Manoj Rambhau Sonawane                | 2014-2015        | 19/01/2015 | 2015             | Applied<br>Science        | 11      |
| 12         | Dr. Shakeelur Raheman Ateequr<br>Raheman  | 2020-2021        | 22/03/2021 | 2021             | Applied<br>Science        | 12      |
| 13         | Dr. Rajiv Pandurangrao Junne              | 2022-2023        | 01/06/2022 | 2022             | Applied<br>Science        | 13      |
| 14         | Dr. Mohd Modassir Hussain                 | 2022-2023        | 04/03/2023 | 2023             | Mechanical<br>Engineering | 14      |
| 15         | Dr. Ankush Kumar<br>Shyamsunder Mudholker | 2022-2023        | 19/12/2022 | 2022             | Electrical<br>Engineering | 15      |
| 16         | Mr. Chandu Motilal Koli                   | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 21      |
| 17         | Mr. Sachin Dilip Nerkar                   | 2015-2016        | 29/05/2016 | 2016             | Applied<br>Science        | 22      |
| 18         | Mr. Prashant Ramesh Gawade                | 2015-2016        | 23/06/2019 | 2019             | Applied<br>Science        | 23      |
| 19         | Mr. Lahu Paraji Aware                     | 2013-2014        | 01/12/2013 | 2013             | Applied<br>Science        | 24      |
| 20         | Dr. Sambaji Digambar Rao                  | 2020-2021        | 23/02/2021 | 2021             | Applied<br>Science        | 25      |

#### Academic Year 22-23



## Full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the

### Academic Year 22-23

| Sr.<br>No. | Name of Faculty                             | Academic<br>Year | Date       | Year of<br>Award | Title   |
|------------|---|------------------|------------|------------------|---|
| 1          | Dr. Nilesh<br>Pitambarrao Salunke           | 2018-2019        | 13-10-2018 | 2018             | Generation and Optimization of high Pressure<br>Ratio Blade Section for an Axial flow Compressor<br>Using Bezier Parsec Parameterization Coupled<br>With Genetic algorithm and CFD approach |
| 2          | Dr. Narayan Ratanlal<br>Chandak             | 2007-2008        | 03-10-2007 | 2007             | Nonlinear Dynamic Response of Compliant<br>Offshore Triangular TLP Under Environmental<br>Loads   |
| 3          | Dr. Vishal Sundarlal<br>Moyal               | 2018-2019        | 08-05-2019 | 2019             | Development of Power Efficient, High Gain Fast<br>Setteling, ADC for Biomedical Application   |
| 4          | Dr. Hitesh Ravindra<br>Thakare              | 2019-2020        | 13-10-2019 | 2019             | Investigation on Vortex Tube and Evaluation of It<br>Industrial Utility   |
| 5          | Dr. Makarand<br>Rambhau Shahade             | 2017-2018        | 23-02-2018 | 2018             | A reliable Power Routing Scheme for Mobile Ad<br>Hoc Network  |
| 6          | Dr. Bhushan Shivram<br>Chaudhari            | 2018-2019        | 28-01-2019 | 2019             | Development of an Evolving Intrusion Detection<br>Algorithm for Mobile Ad- Hoc Network Based on<br>Particle Swarm Optimization  |
| 7          | Dr. Namra Rakesh<br>Kumar Joshi             | 2020-2021        | 18-11-2020 | 2020             | Voltage Stability analysis of Wind Based<br>Distributed Generation system   |
| 8          | Dr. Shrikant<br>Bhausaheb<br>Randhavane     | 2019-2020        | 13-10-2019 | 2019             | Application of Hydrodynamic Cavitation to Treat<br>Chlorpyrifos and other Important Parameters<br>from Real Pesticide Wastewater  |
| 9          | Dr. Amol Chintaman<br>Badgujar              | 2020-2021        | 23-08-2020 | 2020             | Development of Copper Indium Gallium<br>Diselenide CIGS Solar Cells by Non-Vaccum<br>Techniques   |
| 10         | Dr. Tushar<br>Raghunath Shinde              | 2018-2019        | 16-07-2018 | 2018             | Ruthenium Alkylidenes Immobilized on<br>Mesoporous Molucular Sieves as Catalysts for<br>Olefin Metathesis   |
| 11         | Dr. Manoj Rambhau<br>Sonawane               | 2014-2015        | 19-01-2015 | 2015             | I.Synthesis and Application of N-Silyloxy Enamines<br>II. Helquats: Synthesis and Properties  |
| 12         | Dr. Shakeelur<br>Raheman Ateequr<br>Raheman | 2020-2021        | 22-03-2021 | 2021             | Synthesis of quantum dot and its hybrid for<br>photocatalytic hydrogen evolution from water<br>under visible light irradiation  |
| 13         | Dr. Rajiv<br>Pandurangrao Junne             | 2022-2023        | 01-06-2022 | 2022             | The Postcolonial Comparative Study of Select<br>Novels of Andrea Levy Zadie Smith and Monica Ali<br>A Gender Perspective  |
| 14         | Dr. Mohd Modassir<br>Hussain                | 2022-2023        | 04-03-2023 | 2023             | Tribological study of sustainable biodegradable<br>lubricants and its hydrodynamic journal bearing<br>application.  |



SHRI VILE PARLE KELAVANI MANDAL'S

| 15 | Dr. Ankush Kumar<br>Shyamsunder<br>Mudholker | 2022-2023 | 19-12-2022 | 2022 | Application of Renewable Technologies in<br>Disaster Management   |
|----|--|-----------|------------|------|---|
| 16 | Mr. Chandu Motilal<br>Koli                   | 2015-2016 | 29-05-2016 | 2016 | Mathematics   |
| 17 | Mr. Sachin Dilip<br>Nerkar                   | 2015-2016 | 29-05-2016 | 2016 | Physical Science  |
| 18 | Mr. Prashant<br>Ramesh Gawade                | 2015-2016 | 23-06-2019 | 2019 | Mathematics   |
| 19 | Mr. Lahu Paraji<br>Aware                     | 2013-2014 | 01-12-2013 | 2013 | Mathematics   |
| 20 | Dr. Sambaji<br>Digambar Rao                  | 2020-2021 | 23-02-2021 | 2021 | Impact of Orgaizational Culture on Organizational<br>Effectiveness: Mediating Role of Social Media and<br>Employee Engagement |



### SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE

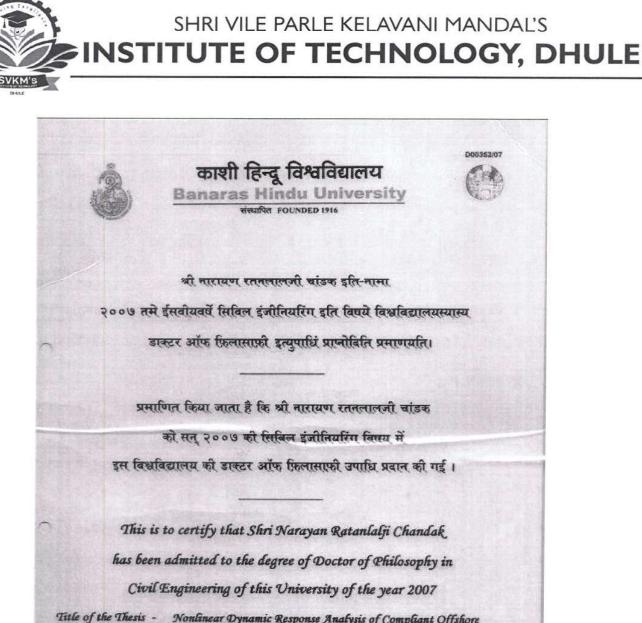
सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) ALC: NO SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Mechanical Engineering an Salunke Nilesh Pilambarrao who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2018, the thesis entitled: Generation and Optimization of High Pressure Ratio Blade Section for an Axial Flow Compressor Using Bezier Parsec Parameterization Coupled with Genetic Algorithm and CFD Approach Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2018. Cha Senate & Board of Governor

Sr No.: D09ME008/10/2018 - 4 2



| Dr. Nilesh Pitambarrao<br>Salunke | Sardar<br>Vallabhbhai<br>National<br>Institute of<br>Technolgy,<br>Surat | Mechanical<br>Engineering | 2018 | Generation and Optimization of high<br>Pressure Ratio Blade Section for an<br>Axial flow Compressor Using Bezier<br>Parsec Parameterization Coupled<br>With Genetic algorithm and CFD<br>approach |
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Nonlinear Dynamic Response Analysis of Compliant Offshore Triangular TLP Under Environmental Loads

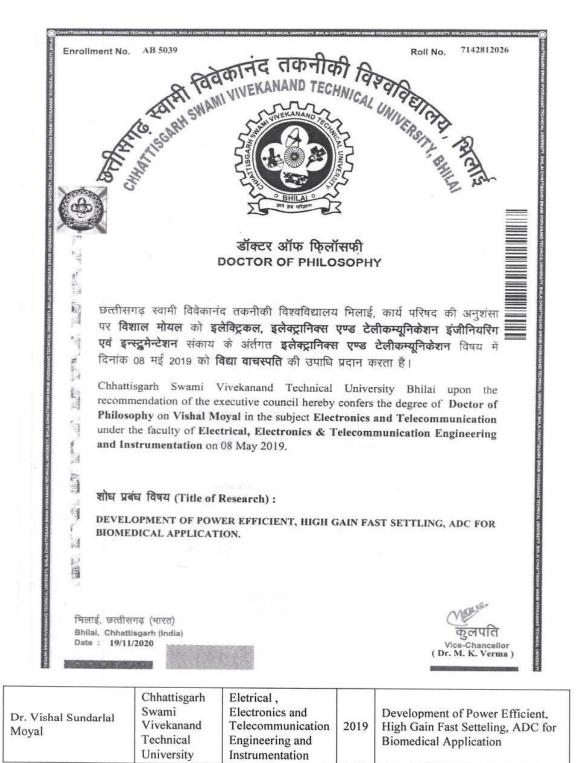
स्थान : वाराणसी Place : Varanas

Ratio Dated March 13, 2008

| Dr. Narayan Ratanlal<br>Chandak | Banaras Hindu<br>University | Civil<br>Engineering | 2007 | Nonlinear Dynamic Response of<br>Compliant Offshore Triangular TLP<br>Under Environmental Loads |
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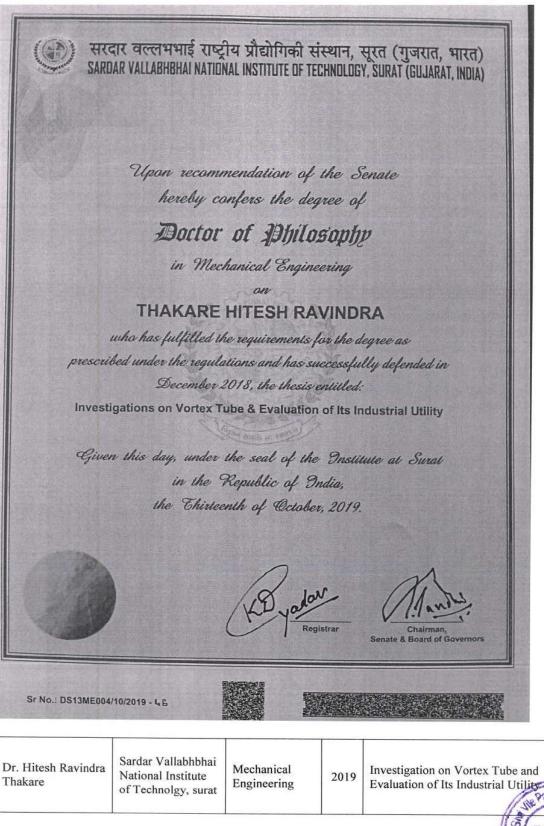








### SHRI VILE PARLE KELAVANI MANDAL'S INSTITUTE OF TECHNOLOGY, DHULE



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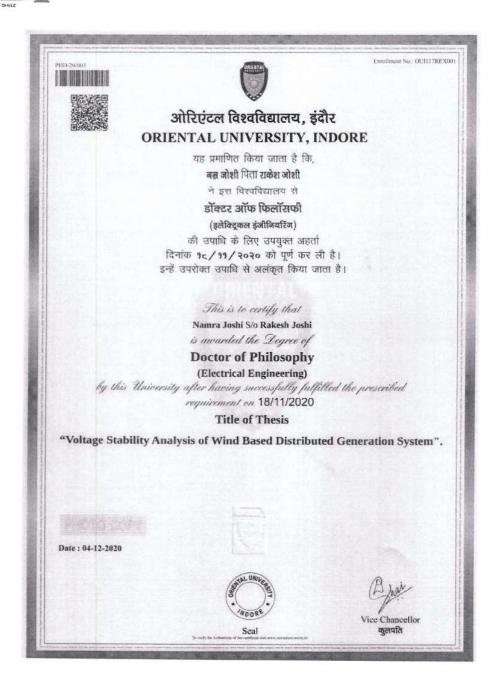


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|--|--|---------------|--|--|--|--|--|
|  |  |               | le Pune University   |  |  |  |  |
|  | (form  | erly U        | niversity of Pune)   |  |  |  |  |
| Declaration of Result of the Doctor of Philosophy (P |  |               |  |  |  |  |  |
| Ch   | audhari Bhushan Sh   | ivram         | <ul> <li>( चौधरी भुषण शिवराम )</li> </ul>  |  |  |  |  |
| Me   | other's Name : Lata  |               | ( लता )  |  |  |  |  |
| the<br>thes<br>dec                                   | award of Ph.D., as per rep                                 | orts of       | omitted by the above-mentioned candidate for<br>referees and examiners of open defense of the<br>ified that, the above-mentioned candidate is<br>ion of Ph. D. and has become eligible for the |  |  |  |  |
|  | LEVANT DETAILS ARE   |               |  |  |  |  |  |
| 1  | Faculty  | :             | Science & Technology   |  |  |  |  |
| 2  | Subject  | :             | Computer Engineering   |  |  |  |  |
| 3  | Title of the Thesis  | :             | "Development of an Evolving Intrusion<br>Detection Algorithm for Mobile Ad-hoc<br>Network based on Particle Swarm<br>Optimization"   |  |  |  |  |
| 4  | Place of Research  | :             | Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.   |  |  |  |  |
| 5  | Name and Address of the Guide                              | :             | Dr. Rajesh Prasad<br>Department Computer Engineering<br>Matoshri College of Engineering & Research<br>Centre, Eklahare, Nashik.  |  |  |  |  |
| 6  | Date of Registration                                       | :             | 20th April, 2015   |  |  |  |  |
| 7  | Date of Declaration of<br>Result                           | :             | 28 <sup>th</sup> January, 2019   |  |  |  |  |
| Ref. N   | shkhind, Pune 411007<br>No. PGS/Ph .D. / 47<br>29 JAN 2019 |               | for Director<br>Board of Examinations & Evaluation   |  |  |  |  |

| Dr. Bhushan Shivram<br>Chaudhari | Savitribai<br>Phule Pune<br>University | Computer<br>Engineering | 2019 | Development of an Evolving<br>Intrusion Detection Algorithm for<br>Mobile Ad- Hoc Network Based on<br>Particle Swarm Optimization |
|----------------------------------|--|-------------------------|------|---|
|----------------------------------|--|-------------------------|------|---|



# SHRI VILE PARLE KELAVANI MANDAL'S



| Dr. Namra Rakesh<br>Kumar Joshi | Oriental<br>University<br>Indore | Electrical<br>Engineering | 2020 | Voltage Stability analysis of Wind<br>Based Distributed Generation<br>system |
|---------------------------------|----------------------------------|---------------------------|------|--|
|---------------------------------|----------------------------------|---------------------------|------|--|





### SHRI VILE PARLE KELAVANI MANDAL'S **ISTITUTE OF TECHNOLOGY, DHULE**

सरदार वल्लभभाई राष्ट्रीय प्रौद्योगिकी संस्थान, सूरत (गुजरात, भारत) SARDAR VALLABHBHAI NATIONAL INSTITUTE OF TECHNOLOGY, SURAT (GUJARAT, INDIA) Upon recommendation of the Senate hereby confers the degree of Doctor of Philosophy in Civil Engineering RANDHAVANE SHRIKANT BHAUSAHEB who has fulfilled the requirements for the degree as prescribed under the regulations and has successfully defended in January 2019, the thesis entitled: Application of Hydrodynamic Cavitation to Treat Chlorpyrifos and Other Given this day, under the seal of the Institute at Surat in the Republic of India, the Thirteenth of October, 2019. Chairman Senate & Board of Governors Sr No.: DS14CE002/10/2019 - 14

| Dr. Shrikant Bhausaheb<br>Randhavane | Sardar<br>Vallabhbhai<br>National<br>Institute of<br>Technolgy,<br>surat | Civil<br>Engineering | 2019 | Application of Hydrodynamic<br>Cavitation to Treat Chlorpyrifos and<br>other Important Parameters from<br>Real Pesticide Wastewater |
|--------------------------------------|--|----------------------|------|---|
|--------------------------------------|--|----------------------|------|---|





### भारतीय प्रौद्योगिकी संस्थान मुंबई बडगुजर अमोल चिंतामण नलिनी को एतद्वारा

### विद्या वाचस्पति

की उपाधि प्रदान करता है ।

अभिषद की अनुशंसा पर संस्थान की मुद्रांकित यह उपाधि अवाप्ति हेतु विनियमों में विहित अपेक्षाओं को पूर्ण कर लेने पर तथा अपने शोध-प्रबंध के सफल पक्षपोषण के उपरांत मुंबई, भारतीय गणराज्य मे आज 23 अगस्त, 2020 को दी गई है ।

## Indian Institute of Technology Bombay

upon recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

### Badgujar Amol Chintaman Nalini

who has fulfilled the requirements for the degree as prescribed under the regulations and successfully defended the thesis entitled: "Development of Copper Indium Gallium Diselenide CIGS Solar Cells by Non-vacuum Techniques." Given this day, under the seal of the Institute at Mumbai in the Republic of India, the 23rd day of August 2020.



कुलसचिव Registrar

अध्यक्ष, अभिपद एवं अध्यक्ष, शासी संडल Chairperson, Senate and Chairman, Board of Governors

URL : https://portul.iitb.ac.in/verify Verification Ticket Number: 22 01313 3817 5826 2092

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| Dr. Amol Chintaman<br>Badgujar | Indian Institute<br>of Technology<br>Bombay | Mechanical<br>Engineering | 2020 | Development of Copper Indium<br>Gallium Diselenide CIGS Solar<br>Cells by Non-Vaccum Technique |
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#### भारतीय विश्वविद्यालय संघ ASSOCIATION OF INDIAN UNIVERSITIES

AIU HOUSE, 16, Comrade Indrajit Gupta Marg, New Dethi-110 002 EPABX : 91-011 23230059 (6 lines) / FAX : 91-011-23232131 http://www.aiu.ac.in E-mail : evaluation@aiu.ac.in

#### E.C. Nº 023603

Date 16.07.2018

#### EQUIVALENCE CERTIFICATE

NAME: Mr/Ms.

#### TUSHAR RAGHUNATH SHINDE

DEGREE/DIPLOMA

AWARDING UNIVERSITY / INSTITUTION STATUS of the awarding Institution Doctor of Philosophy

Charles University in Prague Praha, Czech Republic,

Charles University in Prague is an accredited University in Czech Republic listed on Page 1138 of 'International Handbook of Universities' -2017.

SCORE / GRADE

As shown on the Academic Transcript

#### EVALUATION OF EDUCATIONAL CREDENTIALS

TUSHAR RAGHUNATH SHINDE has obtained Doctor of Philosophy Degree in Physical Chemistry - Ruthenium alkylidenes immobilized on mesoporous molecular sieves as catalysts for olefin metathesis' from Charles University in Prague(Univerzita Karlova V Praze) an accredited University in Czech Republic - this qualification is EQUATED with Doctor of Philosophy Degree in the corresponding field of an Indian University.

(THE ORIGINAL CERTIFICATES AND SUBJECTWISE ELIGIBILITY WILL BE VERIFIED BY THE ADMISSION GIVING UNIVERSITY/INSTITUTE)

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Association of Indian Universities AIU Heuse, 18, Connote Indiait Gopta Marg. New Colm 110002 E-mod : eveluational@taiuwab.org

AUTHORITY: Ministry of Human Resource Developme No.F15-17/94-TS-IV dt 13 March 1995.







Charles University in Prague, Faculty of Science Albertov 6, 128 43 Prague 2, Czech Republic tel. -fax +420-224921111

#### CERTIFICATE

Charles University in Prague, Faculty of Science confirms herewith that

#### Manoj Rambhau Sonawane

born on 14th September, 1984 in Dhule, India has fulfilled the requirements of the Ph.D. study in Organic chemisstry

with thesis:

" I. Synthesis and Application of N-Silyloxy Enamines II. Helquats: Synthesis and Properties"

at Charles University in Prague, Faculty of Science on 19th January, 2015

On this basis he was awarded the title "Doctor" This degree corresponds to the scientific degree of "Doctor of Philosophy (Ph.D.)" according to the British system of Scientific Degrees.

12

Prof. RNDr. Bohuslav Gaš, CSc. Dean Charles University in Prague Faculty of Science

Prague, 19th January, 2015 UNIVERZITA KATLOVA v Praze Philod & edecka takulta dideleni Aiberao tr. 128 13 Praha 2 ICO: 00216208, DIC: CZ00216208 UK 121

| Dr. Manoj Rambhau<br>Sonawane | Charles<br>University in<br>Parague | Organic<br>Chemistry | 2015 | I.Synthesis and Application of N-<br>Silyloxy Enamines II. Helquats:<br>Synthesis and Properties |
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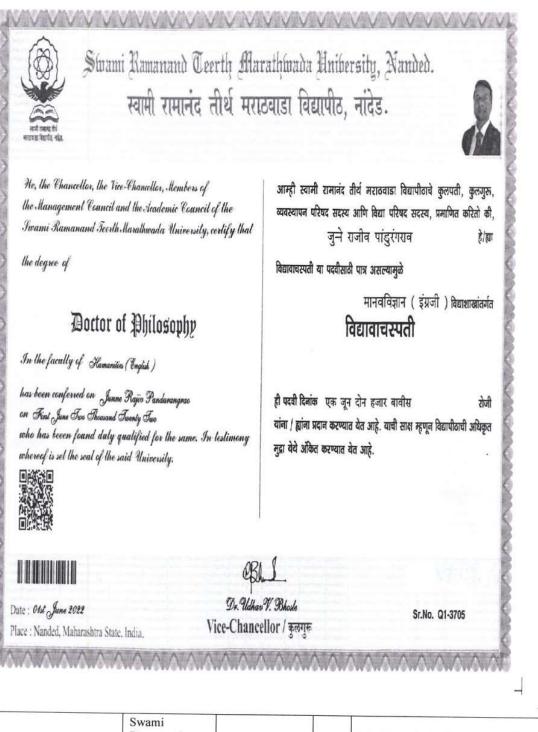


| Dr. Shakeelur Raheman<br>Ateequr Raheman | Institute of<br>Chemical<br>Technology | Physics | 2021 | Synthesis of quantum dot and its<br>hybrid for photocatalytic hydrogen<br>evolution from water under visible<br>light irradiation |
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# SHRI VILE PARLE KELAVANI MANDAL'S NSTITUTE OF TECHNOLOGY, DHULE



| Dr. Rajiv Pandurangrao<br>Junne | Swami<br>Ramanand<br>teerth<br>Marathwada<br>University,<br>Nanded | Humanities | 2022 | The Postcolonial Comparative Study<br>of Select Novels of Andrea Levy<br>Zadie Smith and Monica Ali:<br>Gender Perspective |
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| आर्डांग्रंग के किल्लान संस्था<br>आर्डांग्रंग<br>रसायन तंत्रज्ञान संस्था<br>प्राप्ट के किल्लान के किल्लान के किल्लान<br>प्राप्ट के किल्लान के किल्ला<br>किल्लान किल्लान के किल्ल |
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| कुलपती, कुलगुरू आणि व्यवस्थापन मंडळाचे सदस्य   |
| डॉक्टर ऑफ फिलॉसॉफी   |
| (टेक्नॉलॉजी)   |
| ही पदवी  |
|  |
| मो.मोदस्सिर हुसैन  |
| वडीलः मो.मोनाझीर आईः शबाना   |
| याना मेकॅनिकल इंजिनीअरिंग या विषयात  |
| ०४ मार्च, २०२३ रोजी आयोजित बाराव्या दीक्षांत समारंभात प्रदान करीत आहोत.  |
| We,  |
| The Chancellor, Vice Chancellor  |
| and  |
| Members of the Board of Governors confer the Degree of   |
| Doctor of Philosophy   |
| (Technology)   |
| upon   |
| Md Modassir Hussain  |
| Father: Md Monazir Mother: Shabana   |
| in the subject of Mechanical Engineering   |
| at the Twelfth Convocation held on 04" March, 2023.  |
|  |
| The Real Provide   |
| Degree No. 5838<br>Aadhar Number 420402761487  |
| as a strong where the second  |
| Vice Chancellor  |

| Dr. Mohd Modassir<br>Hussain | Institute of<br>Chemical<br>Technology | Mechanical<br>Engineering | 2023 | Tribological study of sustainable<br>biodegradable lubricants and its<br>hydrodynamic journal bearing<br>application. |
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| HYDERABAD  | - 500 085, TELANGAN  | A STATE, INDIA.<br>322002032 |
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|  | TO STATE OF THE ST | SI. No. PC 01146385          |
|  | ROVISIONAL CERTIFI   |                              |
| Hall Ticket No.: 1303PHC   |  |                              |
| This is to certify that Mr.                                      | M ANKUSH KUMAR   |                              |
| son of Mr. MS  | HYAMSUNDER   |                              |
| has satisfied all the require                                    | ements for the award of  | f Doctor of Philosophy       |
| n the faculty of _ELECTR   | ICAL AND ELECTRONICS   | ENGINEERING                  |
| of this University, held in                                      | December, 2022   | for the thesis entitled,     |
| Application of Renewable En                                      | iergy Technologies in Disz   | aster Management".           |
| Juli<br>Verified by<br>Hyderabad - T.S.<br>Date: 07 January 2023 | Whay<br>Director of Evaluation   | REGISTRAR                    |

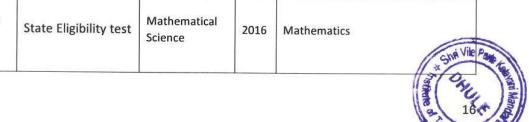
Dr. Ankush Kumar Shyamsunder Mudholker Jawaharlal Hyderabad Jawaharlal Eletrical and electronics Engineering Hyderabad Application of Renewable Technologies in Disaster Management





|          | SAVITRIBAI PHULE I   | PUNE UNIVERSITY   |
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|          | STATE ELIGIB   | ILITY TEST  |
|          |  | R.  |
| STAT     | E ELIGIBILITY TEST (SET) FOI   | R ASSISTANT PROFESSORSHIP   |
|          | Conducted by Savitribai Phule Pune<br>(Ref.: Government of Maharashtra Resolution N<br>(Accredited by University Grant<br>(Valid in the States of Mah  | 40.: USG-1391/2066/VS-4 dt. 14-7-1994)<br>s Commission, New Delhi)  |
| Se       | at No. : 603516  |   |
| Ce       | rtified that KOLI CHANDU MOTILAL   |   |
| Sa       | n / Daughter of KOLI SUMANBAI MOT  | ILAL (Mother)   |
| an       | KOLI MOTILAL ONKAR (Father)  |   |
| ha       | s qualified the State Eligibility Test hel   | d on 29th May 2016 in the   |
| su       | oject Mathematical Sciences.   |   |
| Hi       | ; / Her Post-graduation subject is Math  | nematics.   |
|          | Q,   | - there   |
|          | BER SECRETARY  | CHAIRMAN  |
|          | ING COMMITTEE, SET)<br>e of Result: 07/09/2016   | (STEERING COMMITTEE, SET<br>Date of Issue: 08/11/2016   |
| Note: a) |  | Nodal Agency for Government of Maharashtra & Goa, fo<br>sted documents only, provided by the candidate. Th<br>is / certificates of the candidate while considering him/he |
| b)       | For candidates belonging to Scheduled Caste / S<br>Backwards Class / Special Backward Class / Ph<br>appointing authority should check the relevant docum   | cheduled Tribe / Vimukta Jati / Nomadic Tribes / Othe<br>rsically challenged persons with disability category, th<br>nents before appointment.                            |
| c)       | Authenticity of this certificate should be v www.setexam.unipune.ac.in   | erified by the employer from the SET websit   |
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| Ce       | rtified that NERKAR SA  | ACHIN DILIP   |   |   |
| So       | n / Daughter of NERKA   | R SUREKHA DILI  | P (Mother)  |   |
| and      | NERKAR DILIP SHRAV  | AN (Father)   |   |   |
| has      | qualified the State Eli   | igibility Test held   | on 29th Ma  | y 2016 in the   |
| sub      | ject Physical Science.  |   |   |   |
| His      | / Her Post-graduation   | subject is Physic   | al Science  |   |
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| c)       |   |   |   | employer from the SET website   |
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**Physical Science** 





| Electr  | rronic Certificate Number: 19202930   |  |
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| 8   | SET Ref. No.: 2930/(SET-JUN 2019) Seat No.  | : 800611   |
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|   | Son/Daughter of GAWADE RAMESH RATAN and   |  |
|   | GAWADE MIRABAI RAMESH, has qualified the S  |  |
|   | Assistant Professor held on 23rd June 2019 in the   | subject Mathematical   |
| ÷ -   | Sciences.   | 法改正要在人民保证的外国机  |
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| Note  | : The Nodal Agency has issued the electronic of   | ertificate on the basis of information   |
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| Mr. Gawade<br>Prashant Ramesh | State Eligibility<br>test | Mathematical<br>Science | 2019 | Mathematics |                          |
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| Seat No. : 377530  | and the second second  |
| Certified that Aware Lahu  | Paraji   |
| son of Aware Laxmi Parajî ( M  | lother)  |
| and Aware Paraji Barku (Fathe  |  |
| has qualified the Maharashtra S  | tate Eligibility Test for Lectureship held on  |
| 1st December 2013 in the Mathe   | matical Sciences   |
| His Post-graduation subject is M   | Nathematical Sciences  |
|  | ∩ Åi   |
| (4)  | tiste  |
| MEMBER SECRETARY (SET)   | CHAIRMAN (STEERING COMMITTEE, SET)   |
| Date of Declaration : 12,06/2014   | Date of Tssue : 01/10/2014   |
| should verify the original records/certificates  | uthorised Nodal Agency of Government of Maharashtra for SET) has<br>I documents only, provided by the candidate. The appointing authority<br>of the candidate while considering him/her for appointment. |
| <li>b) For SC, ST, OBC, DT, NT, SBC, PH, VH cate<br/>scheduled Caste / Scheduled Tribe / Other E<br/>Class / Physically Handicapped / Visually Ha</li> | egory, the appointing authority should check the relevant documents of<br>Backward Class / Denotified Tribe / Nomadic Tribe / Special Backward<br>andicapped Candidates before appointment.              |
| <ul> <li>c) Autrenticity of this certificate should i<br/>www.setexam.unipune.ac.in</li> </ul>   | be verified from the SET website by the employer through   |
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State Eligibility test

Mathematical

Science

2013

Mathematics

Mr. Aware Lahu

Paraji

DHULE 19 Tachnologi



Roll No.15HS91Q01



### INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

upon the recommendation of the Senate hereby confers the degree of

Doctor of Philosophy

on

#### Rao Sambhjirao Digambar

in recognition of the research work on

Impact of Organizational Culture on Organizational Effectiveness: Mediating Role of Social Media and Employee Engagement

Given under the seal of the Institute at Kharagpur on the Twenty Third day of February, Two Thousand and Twenty One







| Dr. Sambaji Digambar<br>Rao | Indian Institute<br>of Technology<br>Khargpur | Humanities | 2021 | Impact of Orgaizational Culture on<br>Organizational Effectiveness:<br>Mediating Role of Social Media and<br>Employee Engagement |
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