

MEMORANDUM OF UNDERSTANDING (MoU)

This Memorandum of Understanding is made on the 31st day of March 2016 and it is valid up to 30th March 2026 (10 Years)

BETWEEN

Luminescence Laboratory, Department of Physics, Rashtrasant Tukadoji Maharaj, Nagpur University Nagpur (First Party)

AND

Principal & Department of Chemistry, Sevadal Mahila Mahavidyalaya, Sakkardara Square, Umrer Road, Nagpur (Second Party)

BACKGROUND

- A. Each of the Party owns and operates facilities for the provision of
1. Laboratories use
 2. Students exchange for Research.
 3. Use and Exchange of Research activities.
 4. Collaborative Research Publication.
 5. Patent Publications.
- B. The Party currently have an arrangement with each other with respect to the training, borrowing, and Awareness of Knowledge material that each Member Council works together with resource sharing, Knowledge sharing and maintenance of a shared resources.
- C. Each of the Party agrees that the MOU shall be collectively known as “**To Exchange of Research activities and Collaborative Research Publications**”.
- D. The Party desire to formalise their agreement and understanding in relation to the Network and have agreed to enter into this Memorandum of Understanding in this regard. However, the Party agree that this Memorandum shall not create any legal obligations and whilst recognising that there are no enforceable obligations between them the Party agree to perform their obligations pursuant to this Memorandum in good faith and to the best of their abilities.
- E. The Party agree that each of them shall have the following obligations in respect of “**To Demonstrate and Hands-on training of Laboratory equipment**”.
- F. **Second Party (Administer)**
On behalf of the Other Member Councils, the Second party agrees;



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AND THE PARTIES AGREE:**1.1 Interpretation**

- 1.1.1 The Background set out above forms part of this Memorandum and the Party agree that the Background is true and accurate.
- 1.1.2 Unless the contrary intention appears:
- 1.1.2.1 Words noting the singular shall include the plural and vice versa.
- 1.1.2.2 Reference to any gender shall include every other gender and words denoting individuals shall include corporations and vice versa.
- 1.1.2.3 Reference to any Act of Parliament, statute or regulation shall include any amendment currently enforce at the relevant time and any Act of Parliament, statute or regulation enacted or passed in substitution therefore.
- 1.1.2.4 Headings are for convenience of reference only and do not affect the interpretation or construction of this Memorandum.
- 1.1.2.5 A requirement in this Memorandum for liaison and consultation is a requirement for full and frank discussion and includes a requirement where necessary and appropriate, for full disclosure of relevant information and material.

2. Term

- 2.1 The term of this Memorandum shall be of ten (10) years commencing on 31//03/2016 and expiring on the 30/03/2026, unless otherwise agreed or extended by the Party in writing.
- 2.2 The term shall be reviewed by the Party not more than twelve (12) months and not less than six (6) months prior to the expiration of the term subject to the term being reviewed prior to this period.

3. Negotiate In Good Faith

The Party agree that they will cooperate with each other and at all times act in good faith and with the joint objective of successfully and expeditiously concluding and carrying out all of the arrangements and agreements contemplated in this Memorandum.

4. The Party Obligations**4.1.1 Administration**

- 4.1.1.1 to administer the work in accordance with this Memorandum and the Operating Guidelines; and
- 4.1.1.2 to be accountable to the Other Party in a manner determined for the administration of the MOU and the facilitation of the MOU;

4.1.2 Finances

- 4.1.2.1 Network Costs and the Administration Cost is mandatory to administer (Second Party)




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- 4.1.2.2 to prepare with the assistance from the Other Member Councils, in accordance with this Memorandum, the budgets for the Network; and
- 4.1.2.3 to meet all auditing requirements for all monies received and paid for in relation to the Network;

4.1.3 **Membership of the Committee**

- 4.1.3.1 the Chief Executive Officer or delegated officer is a Principal and the nominee to the Committee is a Concern Department Head;
- 4.1.3.2 to appoint a representative (Should be a Faculty of Concern Department) from each party;

4.2 **All Member Councils**

The Party agree:

4.2.1 **Reporting**

To consider reports and recommendations from its respective representatives on the Committee in relation to the administration of the MOU.

- 4.2.2 The Committee shall at its first meeting (and annually thereafter) appoint amongst the representatives a Chairperson who shall hold office for a term of one (1) year but is eligible for reappointment for a further term, unless he/she resigns in which case the Committee shall appoint a new Chairperson to chair the meetings.

- 4.2.3 In the event that the appointed Chairperson is absent from a Committee meeting the representatives present shall appoint an acting Chairperson, who shall preside over that meeting or until the Chairperson is present.

5. **Operational Guidelines**

- 5.1 Upon execution of this Memorandum, the Chief Executive Officer or delegate of each of the Party shall prepare and implement Operational Guidelines which the Chief Executive Officers or delegates shall be capable of amending from time to time as the Chief Executive Officers or delegates see fit.
- 5.2 Notwithstanding the provisions of this Memorandum, the Party agree that the Operational Guidelines shall be the operative document that facilitates the operational management of the MOU.
- 5.3 The Party shall delegate to their respective Chief Executive Officers such powers as are required and necessary to prepare and amend the Operational Guidelines and to manage the network in accordance with the Operational Guidelines.
- 5.4 The Parties agree to negotiate and cooperate with each other at all times and to act in good faith in the operation of the Operational Guidelines and to comply with its terms.

The Parties agree that the terms and conditions of this Memorandum may be varied upon written agreement of the proposed variation by **all** the Member Councils.




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6. **Liability**



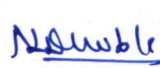
6.1 The **Second Party** shall indemnify and keep indemnified the other Party against all actions, costs, claims, damages, charges in respect of injury, loss or damage resulting from any negligent act or omission of The **First Party Council**;

7. **Acknowledgement**

The Party acknowledge and agree that each of the Party may in its own right engage the other Member Council staff for their services; however any agreed costs incurred by the Council in doing so shall be borne solely by the respective Party.

EXECUTED as a Memorandum of Understanding

<p>THE SEAL of THE First Party COUNCIL was hereunto affixed in accordance with its Constitution and by the authority of its directors:</p> <p>Name: Dr.SanjayJ.Dhoble, Professor,Luminescence Laboratory,Department of Physics, R.T.M. Nagpur University, Nagpur</p>	<p>Sign & Seal</p>  <p>Dr. S. J. Dhoble Professor Department of Physics RTM Nagpur University Nagpur</p>
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<p>THE SEAL of the Second Party COUNCIL was hereunto affixed in accordance with its Constitution and by the authority of its directors:</p> <p>Name: Prof.Pravin Charde Principal</p>	<p>Sign & Seal</p>   <p>Principal Sevalal Mahila Mahavidyalaya, Umrer Road, Nagpur-9</p>
<p>Name: Dr.(Mrs)N. S.Dhoble Professor ,Department of Chemistry</p>	 <p>Dr. (Mrs.) N. S. Dhoble Professor, Chemistry, Department Sevalal Mahila, Mahavidyalaya</p>




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RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

❖ ❖ ❖

“(Established by Government of Central Provinces Education Department by Notification No.513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Universities Act, 1994.)”

: NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/1/2131


☆

Dated : 19 December, 2016

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names:

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/ Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Name and Address of Supervisor
1.	2.	3.	4.	5.	6.	7.	8.	
1.	Shri Suneel Lakshminarayan C/o Dr. Neeraj Pandey 69-B/IC, Sohabatia Bagh Allahabad	25.07.2011	12.12.2014	Ph.D.	Medicine	Pharmaceutical Sciences	“Development and Characterization of Gel as self Modifying Film for the Therapeutically Effective Drug Delivery on to the Skin”	Dr. Arun T. Patil Retd. Dept. of Pharmaceutical Sciences Rashtrasant Tukadoji Maharaj Nagpur University Nagpur




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5.	<u>Ku. Priti Bhaiyalal Deshmukh</u> C/o Hemant Gautam Shatayu Ayurveda Clinic Near Turkar Sonoview Main Road Civil Lines Gondia	12.01.2013	02.05.2015	Ph.D.	Science	Physics	"Synthesis and Characterization of Some Bromide Based Phosphors"	Dr. S.P. Puppalwar Dept. of Physics Kamla Nehru Mahavidyalaya Nagpur <u>Co-Guide</u> Dr. N.S. Dhoble Dept. of Physics Sewadal Mahila Mahavidyalaya Nagpur
6.	Shri Prashant Bhagwantrao Dabrase 001, Ekdant WCL Road Jaripatka Nagpur	05.10.2010	05.11.2014	Ph.D.	Science	Physics	"Study of Thermodynamic Properties and Intermolecular Interactions of Binary Liquids Through Ultrasonic Measurement"	Dr. B.M. Suryawanshi Dept. of Physics Institute of Science Nagpur
7.	Smt. Minakshi Subhash Tumsare Plot No. 14 Swaraj Nagar Behind Omkar Nagar Manewada Ring Road Nagpur	15.01.2011	07.04.2015	Ph.D.	Science	Computer Science	"Security Aspects of Advanced Online Banking Tools Like ATMs"	Dr. P.B. Dohikar Dept. of Computer Science Kamla Nehru Mahavidyalaya Nagpur
8.	Shri. Rajesh Vasantao Chaware 201, Devashree Apartment C.T.O. Staff Society Plot No. 34, Vivekanand Nagar Behind Sai Mandir, Wardha Road Nagpur - 440 015	14.01.2010	13.03.2015	Ph.D.	Science	Computer Science	"Study of Single Sing-On Technology and Its Impact on Business Intelligence System"	Dr. U.A. Lanjewar Assistant Professor MCA Department VMV Commerce, JMT Arts & JJP Science College Wardhaman Nagar Nagpur - 440 008



[Handwritten Signature]

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Umrer Road, Nagpur-9.

No: RTMNU/Ph.D. (Cell)/1/2131


Dated: - 19 December, 2016

⇒ Copy forwarded for information to:

1. The Candidates concerned and Their Supervisors.
2. All Members of Board of Examinations, R.T.M. Nagpur University, Nagpur.
3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
5. The Director, Board of College & University Development, R.T.M. Nagpur University, Nagpur.
6. The University Librarian, R.T.M. Nagpur University of the V.B. alias Bhausaheb Kolte Library, Nagpur.
7. The Director, Students Welfare, R.T.M. Nagpur University, Nagpur.
8. The Registrar, R.T.M. Nagpur University, Nagpur.
9. The Controller of Examinations, R.T.M. Nagpur University, Nagpur.
10. The Finance & Accounts Officer, R.T.M. Nagpur University, Nagpur.
11. All Heads of the Teaching Department, R.T.M. Nagpur University, Nagpur.
12. All Principals/Director of the affiliated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi - 110 002.
14. The Director, Indian Council of Social Sciences, 35, Firozshah Road, New Delhi-2.
15. The Secretary General, Association of Indian Universities, 16, Kotla Road, New Delhi-2.
16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
17. The Joint Secretary, Library & Documentation Association of Indian Universities, 16, Kotla Road, New Delhi.
18. The Librarian, Indian Institute of Sciences, Bangalore-12.
19. The Registrars of Universities in Maharashtra.
20. The Member In-charge, Employment Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
21. The Senior Statistical officer University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
22. All the Deputy Registrar, R.T.M. Nagpur University, Nagpur.
23. All the Asstt. Registrar, R.T.M. Nagpur University, Nagpur.
24. The Superintendent (G.A./Estt.), R.T.M. Nagpur University, Nagpur.
25. The Clerk In-charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
26. The Director, INFLIBNET Centre, Near Gujarat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad - 380 009.
27. The Clerk In-charge, Provisional Degree Certificate R.T.M. Nagpur University, Nagpur.
28. The Information Scientist, Campus Library, Campus, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.



(Umesh Wuike)
Deputy Registrar (Post Exams & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University


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: NOTIFICATION :


No.: RTMNU/Ph.D. (Cell)/2/2188

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names:

Dated : 07 January, 2017

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Name and Address of Supervisor
1.	2.	3.	4.	5.	6.	7.	8.	
1.	Shri Suhas Pundlikrao Padmane Opp. Agragani High School Arvi Road, Pipri Post. - Manas Mandir Wardha - 442 001	25.07.2009	18.09.2014	Ph.D.	Medicine	Pharmaceutical Sciences	"Forced Degradation Studies and Development of Validated Stability Indicating Assay Methods for Some Antiasthmatic Fixed Dose Combination Formulations"	Dr. M.R. Tajne Dept. of Pharmaceutical Sciences Rashtrasant Tukadoji Maharaj Nagpur University Nagpur




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12.	<u>Ku. Nahida R. Baig</u> 14. Laxminagar Near Gurudwara Tukum Dist. --- Chandrapur	12.01.2012	07.05.2015	Ph.D.	Science	Physics	"Luminescence of Rare Earth Ions in Halophosphors and Their Applications"	Dr. N.S. Kokode Dept. of Physics Nevjabai Hitkari College Brahmapuri Dist. - Chandrapur Co-Guide <u>Dr. (Mrs.) N.S. Dhoble</u> Dept. of Chemistry <u>Sevadal Mahavidyalaya</u> <u>Nagpur</u>
13.	Shri Subodh Shridharrao Deshpande A-23, Ravi-Renu Apartment Dhantoli Nagpur	14.01.2010	18.02.2015	Ph.D.	Science	Mathematics	"Mathematical Modeling in Biomechanics of Sports"	Dr. R.V. Saraykar Dept. of Mathematics Rashtrasant Tukadoji Maharaj Nagpur University Nagpur Co-Guide Dr. Sanjay M. Wagh Central India Research Institute Ramdaspath Nagpur
14.	Shri Madhao Laxmanrao Sonekar 47, Dhavad Layout Katol Dist. - Nagpur	15.07.2010	09.05.2015	Ph.D.	Arts	Marathi	"डॉ. विठ्ठल वाघ यांचे वाङ्मय एक चिकित्सक अभ्यास"	Dr. Indrajeet Orke Dept. of Marathi P.W.S. College of Arts & Commerce Nagpur



[Handwritten Signature]

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Dated: - 07 January, 2017

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3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
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NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/9/192

It is notified for general information that the following candidates are hereby declared eligible for the award of D.Litt./Ph.D. Degree in the faculty mentioned against their respective names.

Dated : 08 August, 2017

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Name and Address of Supervisor
1.	2.	3.	4.	5.	6.	7.	8.	
1.	Dr. Malti Shriram Sakhare C/12, HIG Mhada Colony Sugat Nagar Nari Road Nagpur	---	17.06.2010	D.Litt.	Humanities	Pali-Prakrit	"विमानवत्सु काव्य में बिम्ब योजना का समीक्षात्मक अध्ययन"	-Self-




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42.	Shri Pushpahas Mukund Ballal Megh-Dhanush-Chirag W.C.L. Road Jaripatka Nagpur	15.01.2011	30.12.2015	Ph.D.	Science & Technology	Pharmaceutical Sciences	"Critical Investigations on the influence of storage conditions on quality of pharmaceutical formulations in India"	Dr. S.N. Umathe Retd., Dept. of Pharmaceu Sciences Rashtrasant Tukadoji Mah Nagpur University Nagpur
43.	Smt. Nita Bharat Shinde C/o Arvind Akant 28. Shahane Layout Near Bhange Vihar Trimurti Nagar Nagpur	13.01.2012	03.02.2016	Ph.D.	Science & Technology	Physics	"Synthesis and spectroscopic studies of chlorosulphate phosphors"	Dr. S.C. Gedam Dept. of Physics K.Z.S. Science College Kalmeshwar Dist. - Nagpur <u>Co-Guide</u> Dr. N.S. Dhoble Dept. of Physics Sewadal Mahila Mahavidyalaya Nagpur
44.	Shri Rajshekhar Shalikram Ukare C.J. Patel College Tirora Dist. - Gondia	12.07.2012	22.03.2016	Ph.D.	Science & Technology	Physics	"Synthesis and characterization of rare earth activated oxide based phosphors for solid state lighting"	Dr. Gajanan Zade Dept. of Physics J.N. College of Arts. Commerce & Science College Wadi Nagpur <u>Co-Guide</u> Dr. S.J. Dhoble Dept. of Physics Rashtrasant Tukadoji Maharaj Nagpur University Nagpur



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Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur

Dated: - 08 August, 2017

No: RTMNU/Ph. D. (Cell)/9/192

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1. The Candidates concerned and Their Supervisors.
2. All Members of Board of Examinations, R.T.M. Nagpur University, Nagpur.
3. The Hon'ble Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
4. The Hon'ble Pro-Vice-Chancellor, R.T.M. Nagpur University, Nagpur.
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8. The Registrar, R.T.M. Nagpur University, Nagpur.
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Page 20 of 20

Umesh Wutke

(Umesh Wutke)
Deputy Registrar (Post Exams & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University

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Umrer Road, Nagpur-9.





RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

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: NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/08/420


☆

Dated : 29 July, 2018

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names:


Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/ Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1.	Ku. Manjiri Shriram Nagmote Shivgauri, 68 Shivaji Colony Behind Nasare Sabhagruh Hudkeshwar Road Nagpur - 34	13.01.2012	09.01.2017	Ph.D.	Science & Technology	Chemistry	“Study of Semiconducting Nature and Thermal Stabilities of 1-Naphthol 4- Sulphonic Acid and Hexamethylene Diamine/ p-Phenylene Diamine with Methanal Polyner Resins”	Dept. of Chemistry Priyadarshini College of Engineering Nagpur	Dr. Jeevan R. Dantulwar Ass. Professor Dept. of Chemistry P.I.E.T. Nagpur




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5.	Ku. Prerna R. Modak 42, Balaji Nagar Ext. B/H Bhagwan Nagar Nagpur	14.01.2013	02.02.2017	Ph.D.	Science & Technology	Physics	"Investigation on Conducting Polymer- Graphene Nanocomposites for Electromagnetic Interference Shielding"	Dept. of Physics Rashtrasant Tukadoji Maharaj Nagpur University Nagpur	Dr. D.V. Nandanwar Dept. of Physics Mohta Science College Nagpur <u>Co-Guide</u> Dr. S.B. Kondawar Dept. of Physics Rashtrasant Tukadoji Maharaj Nagpur University Nagpur
6.	<u>Smt. Archana Sarang Deshpande</u> Flat No. 1 Shivarpan Apartment Ambika Nagar Narsala Nagpur	12.01.2012	20.12.2016	Ph.D.	Science & Technology	Physics	"Thermoluminescence Characteristics of some Europium and Dysprosium Doped Sulphates"	Dept. of Physics Rashtrasant Tukadoji Maharaj Nagpur University Nagpur	Dr. S.C. Gedam Dept. of Physics K.Z.S. Science College Kalmeshwar Nagpur <u>Co-Guide</u> <u>Dr. (Mrs.) N.S. Dhoble</u> Dept. of Chemistry Sewadal Mahila Mahavidyalaya Nagpur





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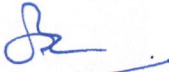
Dated: - 29 July, 2018

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8. The Registrar, R.T.M. Nagpur University, Nagpur.
9. The Director (Board of Examination & Evaluation), R.T.M. Nagpur University, Nagpur.
10. The Finance & Accounts Officer, R.T.M. Nagpur University, Nagpur.
11. All Heads of the Teaching Department, R.T.M. Nagpur University, Nagpur.
12. All Principals/Director of the affiliated & Conducted Colleges, R.T.M. Nagpur University, Nagpur.
13. Deputy Secretary, University Grants Commission Bahadur Shah Zafar Marg, New Delhi - 110 002.
14. The Director, Indian Council of Social Sciences, 35, Firozshah Road, New Delhi-2.
15. The Secretary General, Association of Indian Universities, 16, Kotla Road, New Delhi-2.
16. The Secretary, Inter University Board of India, Rose Avenue, New Delhi.
17. The Joint Secretary, Library & Documentation Association of Indian Universities, 16, Kotla Road, New Delhi.
18. The Librarian, Indian Institute of Sciences, Bangalore-12.
19. The Registrars of Universities in Maharashtra.
20. The Member In-charge, Employment Information and Guidance Bureau, R.T.M. Nagpur University, Nagpur.
21. The Senior Statistical officer University Grants Commission, Bahadurshah Zafar Marg, New Delhi.
22. All the Deputy Registrar, R.T.M. Nagpur University, Nagpur.
23. All the Asstt. Registrar, R.T.M. Nagpur University, Nagpur.
24. The Superintendent (G.A./Estt.), R.T.M. Nagpur University, Nagpur.
25. The Clerk In-charge, (Annual Report), Statistic Section, R.T.M. Nagpur University, Nagpur.
26. The Director, INFLIBNET Centre, Near Gujarat University Guest House, P.B. No. 4116, Navrangpura, Ahmedabad - 380 009.
27. The Clerk In-charge, Provisional Degree Certificate R.T.M. Nagpur University, Nagpur.
28. The Information Scientist, Campus Library, Campus, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.


(Umesh Wuike)
Deputy Registrar (Post Exams & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University




Principal
Sevalal Mahila Mahavidyalaya
Umrer Road, Nagpur-9

To,
The Deputy Registrar (Ph. D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Applicant: Mrs. Arati Manish Duragkar

Subject: Application for the submission of Ph.D. Thesis alongwith Summary and required documents

Ref: Ph.D. Registration No. Ph.D. (Cell)/RRC/994
Dated: 15 / 07 / 2015

Respected Sir,


I wish to submit my thesis work and summary entitled "Novel Synthesis and Luminescence Characterization of Rare Earth Activated Inorganic Phosphors" in five (5) copies and having Ph.D. Registration No: Ph.D. (Cell)/RRC/994. I have completed my research work under the supervision of Dr. Mrs. N.S.Dhoble, Associate Professor, Department of Chemistry, Sevadal Mahila Mahavidyalaya, Nagpur and co-supervisor, Dr. S.J. Dhoble, Professor, Department of Chemistry, R.T.M. Nagpur University, Nagpur.

Last date of submission of my Ph.D thesis was 15th July 2020 but because it comes in Lockdown period due to Covid-19 pandemic condition, as per circular issued by Ph.D Cell, R. T. M. Nagpur University dated on 4th April 2020, I am submitting thesis before 31st July 2020.

With reference to the above subject kindly accept thesis of my Ph.D. work. I do hope for your kind co-operation. List of enclosures is attached herewith.

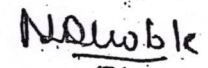
Thanking You.


Yours sincerely,


(Mrs. Arati M. Duragkar)
Chemistry Department
Sevadal Mahila Mahavidyalaya,
Nagpur

Date: 24/07/2020

Forwarded/Recommended-
✓


Dr. Mrs. N.S. Dhoble
Associate Professor
Department of Chemistry
Sevadal Mahila Mahavidyalaya,
Nagpur.


Prof. Pravin Charde
Principal and
Head of Research Institute
Sevadal Mahila Mahavidyalaya,
Nagpur.
Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.




Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.

To,
The Deputy Registrar (Ph. D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University, Nagpur

Applicant: Mr. Digambar A. Ovhal

Subject: Application for the submission of Ph.D. thesis alongwith Summary and
required documents.

Ref: Ph.D. Registration No. Ph.D. (Cell)/RRC/996

Dated: 17 / 06 /2016

Respected Sir,

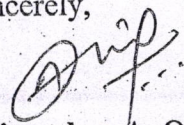
I wish to submit my thesis work entitled "*Thermoluminescence in some rare earth doped mineral based phosphors*" in five (5) copies and having Ph.D. Registration No: Ph.D. (Cell)/RRC/996. I have completed my research work under the supervision of Dr. Mrs. N. S. Dhoble, Professor, Department of Chemistry, Sevadal Mahila Mahavidyalaya, Nagpur and co-supervisor, Dr. S. J. Dhoble, Professor, Department of Chemistry, R.T.M. Nagpur University, Nagpur.

With reference to the above subject kindly accept thesis of my Ph.D. work. I do hope for your kind co-operation.

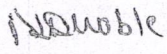
Thanking You.

Yours sincerely,

Date: 31/12/2020


(Mr. Digambar A. Ovhal)
Chemistry
Sevadal Mahila Mahavidyalaya,
Nagpur


Forwarded/Recommended-


Dr. Mrs. N.S. Dhoble
Professor

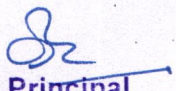
Department of Chemistry
Sevadal Mahila Mahavidyalaya,
Nagpur.

Dr. (Mrs.) N. S. Dhoble
Professor, Chemistry, Department
Sevadal Mahila Mahavidyalaya




Prof. Pravin Charde
Principal and
Head of Research Institute
Sevadal Mahila Mahavidyalaya,
Nagpur.




Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.

Asati Duragkar & Digambar Orkhal

02/03/2022



Form No. 38

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

"(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)"

: NOTIFICATION :

No.: RTMNU/Ph.D. (Cell)/21/1345

Dated : 02-03-2022

It is notified for general information that the following candidates are hereby declared eligible for the award of Ph.D. Degree in the faculty mentioned against their respective names :

Sr. No.	Name and Address of Candidate	Date of Registration	Date of Thesis/Treatise Submission	Degree	Faculty	Subject	Title of Thesis/Treatise	Place of Research	Name and Address of Supervisor & Co-Guide
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.
1	Vilas Krishnaji Ramteke AR. Vilas Ramteke, 638, Buddha Nagar, Nagpur-440017. DOB : 11.06.1969	05.11.2016	23.03.2021	Ph.D.	Faculty of Science & Technology	Architecture Engineering	"A CRITICAL STUDY OF MRTTP ACT 1966 WITH RESPECT TO DEMOCRATIC ASPECT OF CONSTITUTION FOR LAND DEVELOPMENT."	Smt. M. M. College of Architecture L.A.D. Campus, Seminary Hills, Nagpur.	Dr. Ujwala Chakradeo Prin. Smt. M. M. College of Architecture Seminary Hills, Nagpur.
2	Turendra Kumar K. Lihare At/Po. Amgaon, Near Power House, Gurudeo Nagar, Amgaon, Dist. Gondia. DOB : 11.01.1985	26.02.2015	31.10.2019	Ph.D.	Faculty of Science & Technology	Botany	"Investigation on Smilax zeylanica Linn and Holarrhena antidysenterica (Roth) wall. Ex ADC. With Special Reference to their utility in being exploited for Nutraceutical Formulations."	Dept. of Botany, D. B. Science College, Gondia.	Dr. M. V. Kawaie Asstt. Prof. Head, Dept. of Botany, D. B. Science College, Gondia.



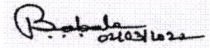

Principal
Sevalal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.

3	Arati M. Duragkar 118, Old Subheddar Layout, Extn. Sharda Sq. Nagpur-24. DOB : 24.11.1980	15.07.2015	24.07.2020	Ph.D.	Faculty of Science & Technology	Chemistry	"Novel Synthesis and luminescence Characterization of Rare Earth Activated Inorganic Phosphors."	Deptt. of Chemistry, Sevadal Mahila Mahavidyalaya Sakkardara Sq. Nagpur.	Dr. (Mrs). N. S. Dhoble Asso. Prof. Deptt. of Chemistry, Sevadal Mahila Mahavidyalaya Sakkardara Sq. Nagpur. Dr. S. J. Dhoble Deptt. of Physics, R.T.M. Nagpur University, Nagpur.
4	Digambar A. Ovhal C/o Nirgunsha A. Thamke, 153/A, Banerjee Bhagwan Nagar, Nagpur-440027. DOB : 12.12.1985	21.01.2016	31.12.2020	Ph.D.	Faculty of Science & Technology	Chemistry	"THERMOLUMINESCENCE IN SOME RARE EARTH DOPED MINERAL BASED PHOSPHORS."	Sevadal Mahila Mahavidyalaya, Nagpur.	Dr. Nirupama S. Dhoble Sevadal Mahila Mahavidyalaya, Nagpur. Dr. S. J. Dhoble Asso. Prof. Deptt. of Physics, R.T.M. Nagpur University, Nagpur.
5	Mayuri A. Chandak 19, Zade Layout Bharat Nagar, Nagpur-440033. DOB : 01.05.1974	19.01.2016	16.01.2021	Ph.D.	Faculty of Science & Technology	Civil Engineering	"INFLUENCE OF METAKAOLIN AND STEEL FIBERS IN ENHANCING MECHANICAL PROPERTIES OF CONCRETE."	G. H. Raisoni College of Engg. CRPF Gate no. 03, Hingna Road, Digdoh Hills, Nagpur.	Dr. P. Y. Pawade G. H. Raisoni College of Engg. CRPF Gate no. 03, Hingna Road, Digdoh Hills, Nagpur.
6	Hemantkumar G. Sonkusare Parthmesh Residency 2Floor 201, Shiipa Society Manish Nagar Near UCO Bank, Nagpur-440015 DOB : 15.07.1984	16.01.2016	01.12.2020	Ph.D.	Faculty of Science & Technology	Civil Engineering	"INVESTIGATE THE INFLUENCE OF REACTIVE POWDER CONCRETE TO ENHANCE THE MECHANICAL PROPERTIES OF CONCRETE."	G. H. Raisoni College of Engg. CRPF Gate no. 03, Hingna Road, Digdoh Hills, Nagpur.	Dr. P. Y. Pawade Prof. & Head, 110 Indraprastha Gruh Nirman Society Near Poonam Swawlamdi Nagar, Nagpur.




Principal
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 Umrer Road, Nagpur-9.

By order of the Board of Examinations & Evaluation,



(Dr. Prafulla M. Sabale)

Director

(Board of Examinations & Evaluation)



Principal

Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.

STUDENT EXCHANGE

M.Sc –II Dissertation Project Work



**RASHTRASANT TUKADOJI MAHARAJ
NAGPUR UNIVERSITY**

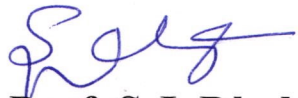
DEPARTMENT OF PHYSICS
University Campus, Amravati Road
NAGPUR-440033
Mobile: +91-9822710204
Dr. S. J. Dhoble
Professor

CERTIFICATE


Outword no. *SJD/phys/2016/077*

Date: 25/3/2016

This is to certify that **Ms. Ashwini Mundle** M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidhyalaya, Nagpur has carried out characterization of the synthesized phosphor in luminescence laboratory of Department of Physics R.T.M. Nagpur University. She worked for three weeks from 22 Feb 2016, she was hard working in her research work.


Prof. S.J. Dhoble
Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur




Principal
Sevadal Mahila Mahavidyalaya
Umner Road, Nagpur-9.



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Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. *SJD/Phy/5/2016/1078*

Date: 25/3/2016

This is to certify that **Ms. Ruchita Patil** M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidhyalaya, Nagpur has carried out characterization of the synthesized phosphor of luminescence laboratory in Department of Physics R.T.M. Nagpur University. She worked for two weeks from 22 Feb 2016, she was hard working in her research work.

Prof. S.J. Dhoble
Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.



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Mobile: +91-9822710204

Dr. S. J. Dhoble

Professor

CERTIFICATE

Outword no. *SJD/PHYJ/2016/079*

Date: 25/3/2016

This is to certify that **Ms.Sarla Warkhede** M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidhyalaya, Nagpur has carried out characterization of the synthesized phosphor in luminescence laboratory of Department of Physics R.T.M. Nagpur University. She worked for three weeks from 22 Feb 2016, she was hard working in her research work.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.



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Dr. S. J. Dhoble
Professor

CERTIFICATE

Outward no. *SJD/phys/r 017/086*

Date: 26/3/2017

This is certify that **Ms. Lekha Watkar** of M.Sc. part II (chemistry) completed her research work of characterization of the prepared compound, as a part of her M.sc dissertation, in luminescence laboratory of Department of Physics, R.T.M. Nagpur university during the period Dec 2016-March 2017. She learnt the technique successfully.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



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Umrer Road, Nagpur-9.



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Dr. S. J. Dhoble
Professor

CERTIFICATE

Outward no. *SJD/phys/2017/090*

Date:26/3/2017

This is certify that **Ms. Renuka Raul** of M.Sc. part II (chemistry) completed her research work of characterization of the prepared compound, as a part of her M.sc dissertation, in luminescence laboratory of Department of Physics, R.T.M. Nagpur university during the period Dec 2016-March 2017. She learnt the technique successfully.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal

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Umrer Road, Nagpur-9.



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Mobile: +91-9822710204

Dr. S. J. Dhoble

Professor

CERTIFICATE

Outword no. *SJD/phys/2018/091*

Date: 30/3/2018

This is to certify that **Ms. Shruti Soni**, of M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidhyalaya, Nagpur has successfully carried out characterization of prepared inorganic phosphor material, as a part of her M.Sc. dissertation, during the period Jan 2018-March 2018. She is hard working and sincere in her research work.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal

Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.



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Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. *RTM/Phy/2018/092*

Date:30/3/2018

This is to certify that **Ms. Renuka Khode**, M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidhyalaya, Nagpur has successfully carried out characterization of prepared inorganic phosphor material, as a part of her M.Sc. dissertation during the period Jan 2018-March 2018. She is hard working and sincere in her research work.

Prof. S.J. Dhoble
Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevadal Mahila Mahavidyalaya
Umrao Road, Nagpur-9.



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Mobile: +91-9822710204
Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. SJD/phys/2019/11

Date: 25/3/2019

I certify that **Ms. Sayali Turkar** of M.Sc. Part II (Chemistry) has completed her research work of characterization of materials, as a part of partial fulfilment of M.Sc. final year dissertation, from 26 December 2018-10 March 2019. She is hard working and bears good moral character.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal

Sevalal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.



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Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. SJD/phys/2019/12

Date: 25/3/2019

I certify that **Ms. Priyanka Jagnade** of M.Sc. Part II (Chemistry) has completed her research work of characterization of materials, as a part of partial fulfilment of M.Sc. final year dissertation, from 26 December 2018-10 March 2019. She is hard working and bears good moral character.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevalal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.



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Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. SJD1Ph45/2020/015

Date:20/2/2020

This is to certify that **Ms. Shital Dumbhare**, M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidyalaya, Nagpur was guided for Litrature Survey (online) in her research work and project writing work from 10 Jan 2020-10 Feb 2020, as part of partial fulfilment of M.Sc. dissertation.

She is hard working and sincere in her research work.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.



**RASHTRASANT TUKADOJI MAHARAJ
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NAGPUR-440033

Mobile: +91-9822710204

Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. SJD/phys/2020/013

Date:20/2/2020

This is to certify that **Ms. Priyanka Modokar**, M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidyalaya, Nagpur was guided for Litration Survey (online) in her research work and project writing work from 10 Jan 2020-10 Feb 2020, as part of partial fulfilment of M.Sc. dissertation.

She is hard working and sincere in her research work.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevadal Mahila Mahavidyalaya
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**RASHTRASANT TUKADOJI MAHARAJ
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Mobile: +91-9822710204
Dr. S. J. Dhoble
Professor

CERTIFICATE

Outword no. SJD/ph45/2020/014

Date:20/2/2020

This is to certify that **Ms. Purva Kamble**, M.Sc. Part II (Chemistry) of Sevadal Mahila Mahavidyalaya, Nagpur was guided for Litrature Survey (online) in her research work and project writing work ,from 10 Jan 2020-10 Feb 2020, as part of partial fulfilment of M.Sc. dissertation.

She was hard working and sincere in her research work.

Prof. S.J. Dhoble

Dr. S. J. Dhoble
Professor
Department of Physics
RTM Nagpur University
Nagpur



Principal
Sevadal Mahila Mahavidyalaya
Umrer Road, Nagpur-9.