



# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY

## छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय

Ref. No. : CSVTU/PhD/2014/ 1645-

Bhilai, Date: 18/7/2014

To,

Shailendra Kumar Kushawaha  
Research Scholar,  
Bhilai Institute of Technology, (BIT), Durg

Sub: Registration for Ph.D w.e.f.: 24<sup>th</sup> January, 2013

\*\*\*\*\*


With reference to above, it is to inform you that the Research Degree Committee meeting dated 14.02.2014 has found your candidature suitable for registration for Ph. D. work in the University in accordance with following terms & conditions:-

Bhilai Institute of Technology, (BIT), Durg

- |   |   |  |
|---|---|--|
| 1. Approved Institute of Research             | : |  |
| 2. Approved Topic of Research                 | : | <i>"Study of Exposure To Carbonaceous and Particulate Matter In Rural and Urban Environment of Chhattisgarh"</i> |
| 3. Department in which work to be carried out | : | Applied Chemistry.   |
| 4. Broad Subject Category(Faculty)            | : | Faculty of Applied Science.  |
| 5. Name of the Supervisor – I                 | : | Dr. (Mrs.) Yasmeen F. Pervez, CSIT, Durg   |
| 6. Name of the Supervisor – II                | : | Dr. (Mrs.) Sumita Nair, BIT, Durg  |

It is further to inform you that:-

- As per clause 10 of the Ordinance no. 10 the University will monitor your progress of work, including record of attendance & receipt of fees paid, for which you will be required to give six monthly review seminar on the work done during the previous six months period before the research progress review committee. If the progress of work is not found satisfactory in two subsequent presentations or no reports are received for a period of one year or you fail to deposit the required fees, your name may be removed from the list of Research Scholars registered for Ph D degree.
- In accordance with clause 20 of the Ordinance No. 10 of CSVTU, you are also not permitted to join any other course of study or appear at any other examination, conducted by any University leading to a degree.
- As per clause 21 of the Ordinance No. 10 of CSVTU, The thesis prepared by you shall be published with the University's specific approval and, when approved, it will have a specific mention on the title page that the thesis was submitted to CSVTU & approved for a Ph. D. degree of the University. However, as per clause 6<sup>th</sup> you are encouraged to publish research papers to substantiate your research work.
- You will be required to deposit following fee through Demand Draft in favour of 'Registrar, CSVTU, Bhilai' of any nationalised bank: (a). Ph.D Registration fee (at the time of registration)-Rs.10,000/- (Rupees Ten thousand only); (b). Fee (Ph.D submission of 6<sup>th</sup> monthly progress report)- Rs.2000/- (Rupees Two thousand only); c. Ph.D thesis submission fee- Rs.20,000/- (Rupees Twenty Thousand only).

  
Registrar  
CSVTU, Bhilai

- Copy to :-
1. Principal/Director, Bhilai Institute of Technology, (BIT), Durg, (approved Research Centre)
  2. Supervisor (I) Dr. (Mrs.) Yasmeen F. Pervez, CSIT, Durg (II) Dr. (Mrs.) Sumita Nair, BIT, Durg
  3. A/C
  4. OSD (Acad)/OSD (Info)/OSD (Exam)
  5. PS to H'V.C.6. Master file

North Park Avenue, Sector 8, Bhilai (C.G.) 490 009

Ph. No. : 0788 2261311, Fax No. : 0788 2261411, Website : www.csvtu.ac.in, E-mail : registrar@csvtu.ac.in





# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

## छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई

### Ph.D. NOTIFICATION

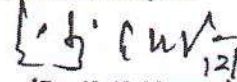
No. 722/CSVТУ/Exam/Ph.D./2020

Bhilai-Newai Dated: 12/3/2020

It is notified that as per the provision of Ordinance no. 10 section 38 of the University, considering the reports of the concerned examiners and approval by the Vice-Chancellor on behalf of the Executive Council, the University has accepted the thesis submitted by the following candidate and declared him eligible for the award of the degree of 'Doctor of Philosophy' (Ph.D.) of Chhattisgarh Swami Vivekanand Technical University, Bhilai.

Name of Candidate	: Shailendra Kumar Kushawaha.	
Name (s) of Supervisor	: Dr. (Mrs.) Yasmeen F. Pervez, Professor, Ashoka Institute of Technology & Management, Rajnandgaon (C.G.)	
Name (s) of Co-supervisor	: Dr. (Mrs.) Sumita Nair, Associate Professor, Bhilai Institute of Technology, Durg (C.G.)	
Subject	: Applied Chemistry.	
Faculty	: Applied Sciences.	
Title of Thesis	: "STUDY OF EXPOSURE TO CARBONACEOUS AND PARTICULATE MATTER IN RURAL AND URBAN ENVIRONMENT OF CHHATTISGARH."	
Research Center	: Bhilai Institute of Technology, Durg (C.G.)	
Date of Registration	: 18-07-2014	
Enrollment No.	: AM 4320	
Date of Submission of Ph.D. Thesis	: 08-07-2019	
Date of Ph.D. Viva-Voce	: 22 <sup>th</sup> February 2020	

By Order of the Kulpati

  
12/3/2020  
(Dr. K. K. Verma)

Registrar  
CSVТУ, Bhilai

Contd- 2

Newai, P.O. Newai, Bhilai, Distt. Durg (Chhattisgarh) - 491107  
Ph. No. : 0788 - 2200062, Fax : 0788-2445020, Website : www.csvtu.ac.in, E-mail : registrar@csvtu.ac.in





# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

## छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई


-2-

Endt. No. 723 /CSVTU/Exam/Ph.D./2020

Bhilai-Newai Dated: 12/3/2020

**Copy to :**

1. Candidate : Shalendra Kumar Kushawaha, Bhilai Institute of Technology, Durg (Chhattisgarh)
- ✓ 2. Supervisor : : Dr. (Mrs.) Yasmeen F. Pervez, Professor, Ashoka Institute of Technology & Management, Rajnandgaon (Chhattisgarh)
3. Co-Supervisor : : Dr. (Mrs.) Sumita Nair, Associate Professor, Bhilai Institute of Technology, Durg (Chhattisgarh)
4. The Dean, Faculty of Applied Sciences, CSVTU, Bhilai.
5. The Secretary, University Grant Commission (UGC), Bahadur Shah Zafar Marg, New Delhi – 110002.
6. The Secretary, Council of Scientific and Industrial Research (CSIR), Anusandhan Bhawan 2, Rafi Marg, New Delhi – 110001
7. The Secretary, Association of Indian University, AIU House, 16 Comrade Indrajit Gupta Marg (Kotla Marg), New Delhi – 110002
8. The Secretary, Inter University Board of India, Rouse Avenue, New Delhi for University News
9. The Secretary, Department of Scientific & Industrial Research (DSIR), Ministry of Science & Technology, Govt. of India, Technology Bhavan, New Mehrauli Road, New Delhi – 110016
10. The Director, Indian Council of Social Science Research (ICSSR), JNU, Institutional Area, Aruna Asaf Ali Marg, New Delhi – 110067.
11. The Director, Technical Education of Chhattisgarh, Indravati Bhawan, New Raipur (C.G)
12. The Director, Chhattisgarh Council of Science and Technology, Lokash Plaza, 1<sup>st</sup> Floor, Near Bottle House, Shankar Nagar, Raipur (C.G.).
13. The Indian Science, Abstract Section, Indian National Scientific Documentation Center, 14, Satsang Vihar Marg, New Delhi – 110067
14. The Registrar of all University of Chhattisgarh.
15. OSD- Exam/Degree/Acad./Admn./Library, CSVTU, Bhilai.
16. The PS to Kulpati/P.A. to Registrar, CSVTU, Bhilai (C.G)
17. The Director/Principal, Bhilai Institute of Technology, Durg (C.G)
18. The Station Engineer, All India Radio, Raipur (C.G.).
19. The Editors of all News papers for publication as news item.
20. Personal File of the concerned.
21. Master File.

  
(Dr. K. K. Verma) 12/3/2020  
Registrar  
CSVTU. Bhilai

Newai, P.O. Newai, Bhilai, Distt. Durg (Chhattisgarh) - 491107  
Ph. No. : 0788 - 2200062, Fax : 0788-2445020, Website : www.csvtu.ac.in, E-mail : registrar@csvtu.ac.in




## CERTIFICATE FROM THE SUPERVISORS

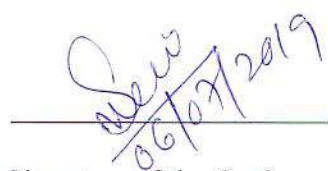
This is to certify that the work incorporated in the thesis entitled “**Study of Exposure to Carbonaceous and Particulate Matter in Rural and Urban Environment of Chhattisgarh**” is a record of research work carried out by Shailendra Kumar Kushawaha bearing enrollment No.: AM4320 under my/our guidance and supervision for the award of Degree of **Doctor of Philosophy** in the faculty of Applied Sciences of Chhattisgarh Swami Vivekanand Technical University, Bilhail, Chhattisgarh, India.

To the best of my/our knowledge and belief the thesis

- (i) Embodies the work of the candidate him/herself,
- (ii) Has duly been completed,
- (iii) Fulfils the requirement of the ordinance relating to the Ph.D. degree of the university and
- (iv) Is up to the desired standard both in respect of contents and language for being referred to the examiners.

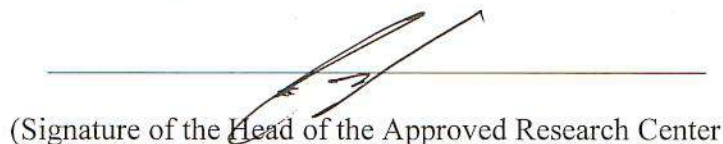


Signature of the Supervisor  
(Dr. (Mrs.) Yasmeen F. Pervez)



Signature of the Co-Supervisor  
(Dr. (Mrs.) Sumita Nair)

Forwarded to Chhattisgarh Swami Vivekanand Technical University Bilhail



(Signature of the Head of the Approved Research Center)





# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI


## छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई

### Ph.D. NOTIFICATION

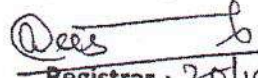

No. 2953 /CSVTU/Exam/Ph.D./2018

Bhilai-Newai Dated: 21/12/2018

It is notified that as per the provision of Ordinance no. 10 section 38 of the University, considering the reports of the concerned examiners and approval by the Vice-Chancellor on behalf of the Executive Council, the University has accepted the thesis submitted by the following candidate and declared him eligible for the award of the degree of 'Doctor of Philosophy' (Ph.D.) of Chhattisgarh Swami Vivekanand Technical University, Bhilai.

Name of Candidate	: Etesh Kumar Janghel.	
Name (s) of Supervisor	: Dr. Yasmeen F. Parvez, Professor, Chhatrapati Shivaji Institute of Technology, Durg (C.G.)	
Name (s) of Supervisor	: Dr. Santosh Kumar Sar, Professor, Bhilai Institute of Technology, Durg (C.G.)	
Subject	: Applied Chemistry.	
Faculty	: Applied Sciences.	
Title of Thesis	: "STUDY OF NEW QUANTIFICATION METHODS OF SELECTED ORGANIC POLLUTANTS AND THEIR ACCUMULATION IN ENVIRONMENTAL MATRICES OF CHHATTISGARH".	
Research Center	: Bhilai Institute of Technology, Durg (C.G.)	
Date of Registration	: 18-07-2014.	
Enrollment No.	: AM 4318	
Date of Submission of Ph.D. Thesis	: 01-02-2018.	
Date of Ph.D. Viva-Voce	: 10 <sup>th</sup> November 2018	

By Order of the Kulpati

  
Registrar · 20/12/18  
  
CSVTU, Bhilai

Contd- 2

Newai, P.O. Newai, Bhilai, Distt. Durg (Chhattisgarh) - 491107  
Ph. No. : 0788 - 2200062, Fax : 0788-2445020, Website : www.csvtu.ac.in, E-mail : registrar@csvtu.ac.in





# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY, BHILAI

## छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय, भिलाई

-2-

Endt. No. 2954 /CSVTU/Exam/Ph.D./2018

Bhilai-Newai Dated: 21/12/2018

Copy to :

1. Candidate: Etesh Kumar Janghel, Bhilai Institute of Technology, Durg (Chhattisgarh).
- ✓ 2. Supervisor: Dr. Yasmeen F. Parvez, Professor, Chhatrapati Shivaji Institute of Technology, Durg (Chhattisgarh)
3. Co-supervisor: Dr. Santosh Kumar Sar, Professor, Bhilai Institute of Technology, Durg (Chhattisgarh)
4. The Dean, Faculty of Applied Sciences, CSVTU, Bhilai.
5. The Secretary, University Grant Commission (UGC), Bahadur Shah Zafar Marg, New Delhi – 110002.
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12. The Director, Chhattisgarh Council of Science and Technology, Lokash Plaza, 1<sup>st</sup> Floor, Near Bottle House, Shankar Nagar, Raipur (C.G.).
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19. The Editors of all News papers for publication as news item.
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21. Master File.

  
Registrar  
CSVTU, Bhilai

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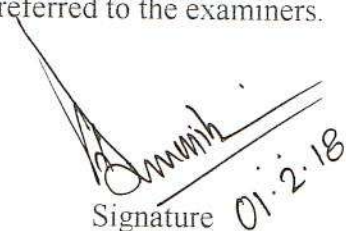


## CERTIFICATE

This is to certify that the work incorporated in the thesis entitled “**Study of New Quantification Methods of Selected Organic Pollutants and Their Accumulation in Environmental Matrices of Chhattisgarh**” is a record of research work carried out by Etesh Kumar Janghel bearing Enrollment No.: AM4318 under our guidance and supervision for the award of Degree of Doctor of Philosophy in the faculty of Department of Applied Chemistry of Chhattisgarh Swami Vivekanand Technical University, Bhilai, Chhattisgarh, India.

To the best of my/our knowledge and belief the thesis

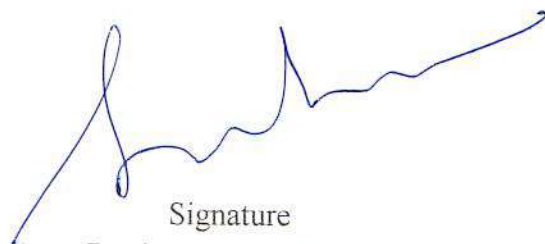
- i. Embodies the work of the candidate him/herself,
- ii. Has duly been completed,
- iii. Fulfils the requirement of the Ordinance relating to the PhD degree of the University and
- iv. Is up to the desired standard both in respect of contents and language for being referred to the examiners.



Signature 01.2.18

Dr. (Mrs.) Yasmeen F. Pervez  
Supervisor  
Professor & Head

Chhatrapati Shivaji Institute of Technology,  
Durg, C.G.

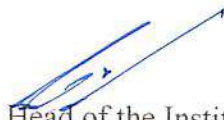


Signature

Dr. Santosh Kumar Sar  
Co-Supervisor  
Professor

Bhilai Institute of Technology,  
Durg, C.G.

Forwarded to Chhattisgarh Swami Vivekanand Technical University, Bhilai



Head of the Institution  
Approved Research Center  
Bhilai Institute of Technology, Durg C.G.

(Dr. Arun Arora)  
Principal

Bhilai Institute of Technology  
(Seth Balkrishan Memorial)  
Bhilai House, Durg-491001  
Chhattisgarh, INDIA



# पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर (छ.ग.)

दूरभाष : 0771-2262112 (अकादमिक विभाग), 0771-2262540 (कुलसचिव कार्यालय)

For information  
keeping in file  
13-6-06

क्रमांक : 5051 / अका. / शोध / 2006

दिनांक : 19 / 05 / 2006

## ॥ आदेश ॥

विभिन्न विषयों के शोध-उपाधि समिति ने अपनी बैठकों में शोध-निर्देशक के रूप में मान्यता प्रदान करने सम्बन्धी आवेदकों के आवेदन पर विचार किया एवं जाँच करने के पश्चात पाया कि आवेदकों ने अध्यादेश 45 की कंडिका 7(a) i and ii की अर्हता पूर्ण की है। अतः उन्हें नाम के सम्मुख दिए गए विषय में शोध-निर्देशक के रूप में मान्यता प्रदान करने की संस्तुति की।


क्र.	शोध-निर्देशक का नाम/पता	विषय	संकाय
I.	डॉ. दुर्गा प्रसाद बिसेन रीडर, भौतिकी अध्ययन शाला पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर	भौतिकी	विज्ञान संकाय
II.	डॉ. अजय के. पिल्लई सहायक प्राध्यापक, रसायन शास. कला एवं विज्ञान महाविद्यालय, दुर्ग	रसायन	विज्ञान संकाय
III.	डॉ. श्रीमती अनुपमा अस्थाना सहायक प्राध्यापक, रसायन शास. कला एवं विज्ञान महाविद्यालय, दुर्ग	रसायन	विज्ञान संकाय
IV.	डॉ. सुकुमार चटर्जी सहायक प्राध्यापक, रसायन शास. कला एवं विज्ञान महाविद्यालय, दुर्ग	रसायन	विज्ञान संकाय
V.	डॉ. अजय कुमार सिंह सहा. प्राध्यापक, रसायन शास. कला एवं विज्ञान महाविद्यालय, दुर्ग	रसायन	विज्ञान संकाय
VI.	प्रोफेसर एच.आर. शर्मा छत्रपति शिवाजी इंस्टीट्यूट ऑफ टेक्नालाजी, दुर्ग	कम्प्यूटर साइंस एण्ड इंजीनियरिंग	कम्प्यूटर साइंस एण्ड इंजीनियरिंग
VII.	डॉ. मनीष मिश्रा रीडर, मेकेनिकल इंजी. विभाग शास. इंजीनियरिंग महाविद्यालय, रायपुर	मेकेनिकल इंजीनियरिंग	इंजीनियरिंग संकाय
VIII.	डॉ. कु. शोभालता सिन्हा रीडर, मेकेनिकल इंजीनिंग विभाग शास. इंजीनियरिंग महाविद्यालय, रायपुर	मेकेनिकल इंजीनियरिंग	इंजीनियरिंग संकाय
IX.	डॉ. श्रीमती यास्मिन परवेज रीडर एण्ड विभागाध्यक्ष, रसायन विभाग छत्रपति शिवाजी इंस्टीट्यूट ऑफ टेक्नालाजी, दुर्ग	एप्लायड केमेस्ट्री	इंजीनियरिंग संकाय

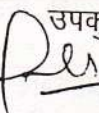


क्र.	शोध-निर्देशक का नाम/पता	विषय	संकाय
X.	डॉ. संतोष के. कर रीडर, रसायन विभाग भिलाई इंस्टीट्यूट ऑफ टेक्नालाजी, दुर्ग	एप्लायड केमेस्ट्री	इंजीनियरिंग संकाय
XI.	डॉ. श्रीमती सुनीता मिश्रा सहायक प्राध्यापक, राजनीति विज्ञान विभाग शास. कला एवं विज्ञान महाविद्यालय, दुर्ग	राजनीति विज्ञान	सामाजिक विज्ञान संकाय
XII.	डॉ. शशिनाथ झा सहायक प्राध्यापक, वाणिज्य शास. महाविद्यालय, धमधा, जिला-दुर्ग	वाणिज्य	वाणिज्य संकाय

पृ.क्रमांक : 5052 / अका. / शोध / 2006  
प्रतिलिपि :-

1. सम्बन्धितों को ।
2. गोपनीय विभाग, पं. रविशंकर शुक्ल विश्वविद्यालय, रायपुर को सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित ।

  
(विक्टर एक्का)  
उपकुलसचिव (अका.)  
दिनांक : 19 / 05 / 2006

  
उपकुलसचिव (अका.)





# CHHATTISGARH SWAMI VIVEKANAND TECHNICAL UNIVERSITY

छत्तीसगढ़ स्वामी विवेकानंद तकनीकी विश्वविद्यालय

Ref. CSVTU/PhD/RDC/2014/249

Bhilai, dated 11/02/14

To,

Dr. *Yasmeen F. Parvez*,  
Supervisor  
Bhilai. *CSIT, Durg*

**Sub : Research Degree Committee(RDC) meeting for Applied Chemistry to be held on 14<sup>th</sup> Feb., 2014.**

It is inform that the meeting of Research Degree Committee for **Applied Chemistry** will be held on 14<sup>th</sup> February, 2014 at 09.00 AM onwards in CSVTU office.

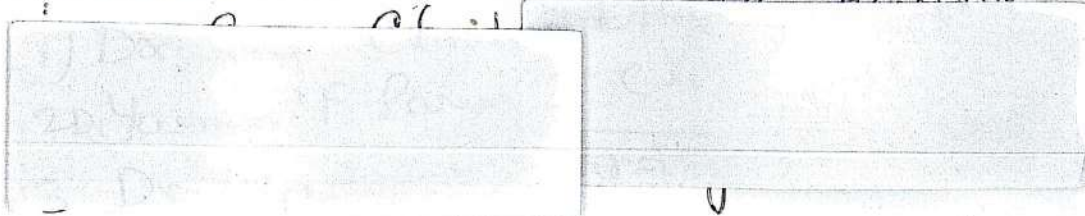
Being supervisor of the scholar, who have applied for registration of Ph. Degree, you will remain be present at the time of the presentation of your scholar. You will also submit your bio-data to committee for approval along with the related testimonials. Excepting the committee members, no other members will be allowed at the time of presentation.. You will not be paid TA and DA for attending the meeting of RDC.

*Dr. Yasmeen Parvez*  
*JTB*  
*14/02*

*G.R. Sahu*  
(G.R. Sahu),  
Registrar,  
CSVTU, Bhilai

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1. PS to VC
2. Master File



North Park Avenue, Sector 8, Bhilai (C.G.) 490 009

Ph. No. : 0788 2261311, Fax No. : 2261411, Website : [www.csvtu.ac.in](http://www.csvtu.ac.in), E-mail : [registrar@csvtu.ac.in](mailto:registrar@csvtu.ac.in)



Department : Applied Chemistry

S.N o.	Name of Scholar	Enrolment / Roll No.	Topic	Name of Research Centre	Name of Supervisor	Remark
1.	Arunedera a Kumar Tiwari		Synthesis and characterization of metal chalcogenide (ME; M= Zn, Cd, Hg; E=Se/Te) nanomaterials via single source molecular.	Disha Institute of Management and Technology, Raipur	Dr. Sonal Choubey, DIMAT, Raipur	
2.	Deepak Kumar Paandey		<i>Kinetic Study of the Hydrolysis of Carboxylate Ester with Hydroxamic Acid in Micelles &amp; Similar Assemblies Solution</i>	Shri Shankaracharya Group of Institution, Bhilai	Dr. Supriya Biswas, SSGI, Bhilai	
3.	Etresh Kumar Janghel	AM-4318	<i>Study of New Quantification Methods of Selected Organic Pollutants and their Accumulation in Environmental Matrices of Chhattisgarh</i>	Bhilai Institute of Technology, Durg	Dr. Yasmeen F. Parvez, CSIT, Durg Dr. Santosh Kumar Sar, BIT, Durg.	
4.	Mrs. Lethika D. Nair	AM-4433	<i>Chemical Characterization of Few Medicinal Plants of Chhattisgarh State.</i>	Bhilai Institute of Technology, Durg	Dr. Santosh Kumar Sar, BIT, Durg.	
5.	Mrs. Meena Chakraborty	AM-4319	<i>Aspects of Ground Water Trace Contamination with special reference of Fluoride in parts of Chhattisgarh</i>	Bhilai Institute of Technology, Durg	Dr. Madurima Pandey, BIT, Durg. Dr. Piyush Kant Pandey BIT, Raipur	
6.	Mridu Bose (Mazumdar)	AM-4451	<i>Kinetic Hydrolysis of Ester and their Derivatives in Presence of Surfactants Solution</i>	Shri Shankaracharya Group of Institution, Bhilai	Dr. Supriya Biswas, SSGI, Bhilai	
7.	Neelima Mishra	AM-4429	<i>Chromium Contamination of Environment: Toxic Mobilization and Remediation of Hexavalent Chromium.</i>	Bhilai Institute of Technology, Durg	Dr. Piyush Kant Pandey BIT, Raipur Dr. Madurima Pandey, BIT, Durg.	
8.	N.Y. Ravi Sekhar		<i>Determination of Heavy Metals in various food waste in discharged in presence of Micelles and Similar Assemblies.</i>	Shri Shankaracharya Group of Institution, Bhilai	Dr. Supriya Biswas, SSGI, Bhilai	
9.	Pratibha K. Kurup	AM-4447	<i>Surfactant Assemblies and their application in Metal Analysis in various Water Samples.</i>	Shri Shankaracharya Group of Institution, Bhilai	Dr. Supriya Biswas, SSGI, Bhilai	



Department : Applied Chemistry

S.No.	Name of Scholar	Enrolment / Roll No.	Topic	Name of Research Centre	Name of Supervisor	Remark
10.	Richa Sharma	AM-4379	<i>Formulation and Characterization of Micromulsions using difference Surface Active Agents &amp; Similar Agglomerates</i>	Shri Shankaracharya Group of Institution, Bhilai	Dr. Supriya Biswas, SSGI, Bhilai	
11	Shailendra Kumar Kushwaha	4320	<i>Study of Exposure Carbobnaceous and Particulate Matter in Rural and Urban Environment of Chhattisgarh.</i>	Bhilai Institute of Technology, Durg	Dr. Yasmeen F. Parvez, CSIT, Durg Dr. (Mrs) Sumita Nair, BIT, Durg.	
12	Sunita Singh Thakur		<i>Comparataive Study of effectiveness of various natural coagulants for treatment of drinking water.</i>	Disha Instiotute of Management and Technoogy, Raipur	Dr. Sonal Choubey, DIMAT, Raipur	
13.	Mrs, Sweta Singh	AM-4434	<i>Cmplex Behavior of Bile Salts with various Drugs.</i>	Bhilai Institute of Technology, Durg	Dr. Santosh Kumar Sar, BIT, Durg.	
14	Jyoti Kapil Nagwanshi	AM4383	<i>"Efficiency Of Carbonized Agro- Waste For Removal Of Surfactants From Waste Water"</i>	Rungta College of Engg & Technology, Bhilai	Dr. (Mrs) Manisha A. Agrawal, Pro. And HOD, Applied Chemistry RCET, Bhilai	





**VINAYAKA MISSIONS UNIVERSITY,  
SALEM- 636 308.**

(estd.u/s 3 of the UGC Act 1956 vide Govt. of India Notification No.F.9-17/93-U Dated 1.3.2001)

Dt. 30.04.08

**Dr.B.R.Dwaraki**

**Prof & Dean: M.Phil Programmes**

Ref: VMU / DDE / M.Phil. /Gd/ Chemistry / MCHE130.

Sir,

Sub: VMU - Recognition as a Guide for candidate's research leading to the award of M.Phil. Degree.

Your Guideship Application Dt:29.04.08.

ଉତ୍ତର

I am directed to inform you that you have been recognized as a Guide for guiding research scholars in course CHEMISTRY leading to the award of M.Phil. Degree.

The rules and regulations of the University related to the course will be abiding.

The M.Phil Guides are allowed to supervise a maximum of 10 Research Scholars.

Receipt of this letter may please be acknowledged.

- Dissertations guided by you for M.Phil Programme of this University must be in English (Unless otherwise with prior permission) and should normally be between 80 and 120 pages. Those dissertation that do not comply to the above stipulation will be rejected when they are brought for submission.

Sincerely,

To  
Dr.Yasmeen Pervez  
Reader & Head,  
MIG-I,767,  
HUHDCI,Bhilai, C.G,  
Pin - 490 009  
Ph:09425564220

*Bhaker*  
f  
Prof & Dean - M.Phil.,  
VINAYAKA MISSIONS UNIVERSITY  
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