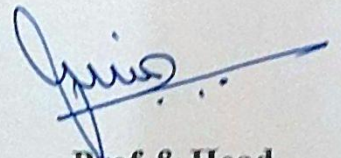


Dr. Ambedkar Institute of technology, Bengaluru-56  
Department of Computer Science & Engineering

The enclosed documents are verified & approved.



**Prof & Head**

Dr. Siddaraju

Department of Computer Science & Engineering

**Professor & Head**  
Department of Computer Science & Engineering  
Dr. Ambedkar Institute of Technology  
Bangalore-560 056.



## VTU, Belagavi Student Details

Manage student details under your supervision or co-guidance who are enrolled under VTU, Belagavi University

Professor Name: DR.SIDDARAJU | College Name: Dr.Ambedkar Institute of Technology,Bangalore

Candidate Name	USN (Give hall-ticket number if no USN)	Specialization			
<input type="text"/>	<input type="text"/>	<input type="text"/>			
Guiding Type	Program	Caste	Registered on	Thesis Submitted	"Final" Viva Finished
Supervisor	Ph.D	SC	03-Nov-2022	No	No

< Back to Professor Profile

Save

Clear

Total: 4

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
<b>Anandababu J</b> (USN: 1DA12PEN06) VTU, Belagavi wireless sensor network	Supervisor	Ph.D	GM	09-Aug-2012	Yes Final viva Finished	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Suma R</b> (USN: 1DA11PEN06) VTU, Belagavi Wireless Sensor network	Supervisor	Ph.D	CAT-I	05-Jul-2011	Yes (Final Viva Pending)	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Guru R</b> (USN: 1DA12PEN03) VTU, Belagavi Wireless Sensor Networks	Supervisor	Ph.D	ST	05-Jun-2012	Yes Final viva Finished	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Rekha V S</b> (USN: 1DA17PEA22) VTU, Belagavi WSN	Supervisor	Ph.D	CAT-I	22-May-2017	No	<a href="#">Modify</a>   <a href="#">Delete</a>

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dep\_eval\_1 (1) (1).xlsx

dep\_eval\_1 (1).xlsx

SYLLABUS TO DEA...zip



## Theses Tracked in Examiner & Researcher

**Please note:** Adding below shown USN entries in the above table is required for proper student category (caste) based counts. Going forward, system will automatically manage current status (thesis submitted or final viva finished) for those entries. Other USNs that are NOT tracked in the "Ph.D Examiner (phdthesis.vtu.ac.in)" system require your manual status updates (thesis submitted or final viva finished) to avoid future candidate selections due to supervisor's eligibility criteria.

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted
<b>Ananda Babu J</b> (USN: 1DA12PEN06 ) VTU, Belagavi Computer Science and Engineering	Supervisor	Ph.D	GM	27-Nov-2012	Yes <b>Final viva Finished</b>
<b>R Guru</b> (USN: 1DA12PEN03 ) VTU, Belagavi Computer Science and Engineering	Supervisor	Ph.D	ST	20-Oct-2012	Yes <b>Final viva Finished</b>
<b>SUMA R</b> (USN: 1DA11PEN06 ) VTU, Belagavi Computer Science and Engineering	Supervisor	Ph.D	CAT-I	27-Jun-2012	Yes (Final Viva Pending)
<b>ASHOKA S</b> (USN: 1DA18PCS02 ) VTU, Belagavi Computer Science and Engineering	Supervisor	Ph.D	SC	09-Oct-2017	No
<b>SANGEETHA G M</b> (USN: 1DA19PCS01 ) VTU, Belagavi Computer Science and Engineering	Supervisor	Ph.D	GM	04-Jul-2018	No

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dep\_eval\_1 (1) (1).xlsx

dep\_eval\_1 (1).xlsx

SYLLABUS TO DEA...zip

SAMSUNG

Total: 6

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted	
<b>Rajesh S M</b> (USN: <b>1AT17PEA05</b> ) VTU, Belagavi Internet of Things	Supervisor	Ph.D	GM	18-Sep-2017	No	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Mamatha R</b> (USN: <b>1AY17PEA06</b> ) VTU, Belagavi Wireless sensor Networks	Supervisor	Ph.D	ST	25-Jan-2016	No	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Jayalakshmi K</b> (USN: <b>!DA17PEA05</b> ) VTU, Belagavi Cloud Computing	Supervisor	Ph.D	SC	22-May-2017	No	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Rahul M</b> (USN: <b>1AT17PEA04</b> ) VTU, Belagavi Big Data Analytics	Supervisor	Ph.D	SC	22-May-2017	No	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Shilpa S</b> (USN: <b>!AY17PEA09</b> ) VTU, Belagavi Cloud Computing	Supervisor	Ph.D	SC	25-Jan-2017	No	<a href="#">Modify</a>   <a href="#">Delete</a>
<b>Veena Potdar</b> (USN: <b>5VZ15PEJ80</b> ) VTU, Belagavi BIG DATA	Supervisor	Ph.D	GM	14-Aug-2015	No	<a href="#">Modify</a>   <a href="#">Delete</a>

## Theses Tracked in Examiner & Researcher

Please note: Adding below shown USN entires in the above table is required for proper student category (caste) based counts. Going forward, system will automatically manage current status (thesis submitted or final viva finished) for those entries. Other USNs that are NOT tracked in the "Ph.D Examiner (phdthesis.vtu.ac.in)" system require your manual status updates (thesis submitted or final viva finished) to avoid future candidate selections due to supervisor's eligibility criteria.

Student Details	Guide Type	Program	Caste	Registered On	Thesis Submitted
<b>ARATHI</b> (USN: <b>1DA19PIS01</b> ) VTU, Belagavi Information Science	Supervisor	Ph.D	GM	07-Jul-2018	No





# Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

**Dr. H.N. Jagannatha Reddy** BE, M.E., Ph.D.  
Registrar

Phone: (0831) 2405468  
Fax: (0831) 2405467

VTU/Ph.D./AC/A7/2017-2018/ *CSE/9090/3*

Date: 29, Dec 2017

## OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research Programme.  
Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research Programme.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name	<b>VEENA A</b>	
2. Programme	<b>Ph.D</b>	
3. Type	<b>Part Time</b>	
4. Research Centre Department	<b>Computer Science and Engineering</b>	
5. College/Institute	<b>DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bengaluru &amp; India</b>	
6. Supervisor	<b>GOWRISHANKAR S</b>	
7. Co-Supervisor	<b>(No Co-Supervisor)</b>	
8. Research Topic	<b>Development of Context aware decision making Health Informatics System to analyze Human Centric Wellness</b>	
9. Approved Course work		
<b>Sl</b>	<b>Code</b>	<b>Course Work</b>
1	14PHDRM	Research Methodology
2	16SCS12	Cloud Computing
3	16SCS13	Advances in Data Base Management System
4	16SCS41	Machine Learning Techniques

This permission for registration is subject to fulfilling the following conditions:

1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 18, Jan 2018.
2. An undertaking to abide by the rules and regulations of the University.
3. Online payment of Rs.6000/- drawn in favour of "The Finance Officer VTU, Belagavi" towards requisite registration fee.

**Note:** This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

*Jagannatha Reddy*  
Registrar

To, **VEENA A**, No 209, Mahaveer Willow, Kengeri Satellite Town, Bangalore - 560060

Copy to,

1. Research Center: **OUTER RINGROAD, MALLATHA HALLI. Near Jnanabharathi Campus Bangalore 560056**
2. The Supervisor/Co-Supervisor: **GOWRISHANKAR S / (No Co-Supervisor)**



# Visvesvaraya Technological University

"Jnana Sangama", Belagavi- 590 018, Karnataka state.

Dr. K. E. Prakash, B.E., M.E., Ph.  
Registrar

Phone: (0831) 2405468

Fax : (0831) 2405467

Ref.: VTU/Aca/2015-2016/A7/CS 7336

Date: 20 NOV 2015

## OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research from June 2015.

Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research.

By the direction of the Vice-Chancellor, you are hereby permitted to register for pursuing research with the following details:

1. Name : Madhu N
2. Programme : Ph.D.
3. Full time /Part time : Part Time
4. Research Centre : CSE
5. College/Institute : Dr. AIT, Bengaluru
6. Supervisor : Dr. S Gowrishankar
7. Research Topic : "Exploring Connectivity Protocols Technologies and Architectures of the Internet -of-Things (IoT)"
8. Approved Course work  

Sl.No.	Group	Course work
1.	14PHDRM	Research Methodology
2.	14PHDCS003	Advances in Computer Networks
3.	14PHDCS004	Advances in Knowledge data discovery
4.	14PHDCS005	Advances in web intelligence Techniques

This permission for registration is subject to fulfilling the following conditions

1. Submission of a letter confirming acceptance of provisional admission to Ph.D./M.Sc.(Engg.) and an undertaking to abide by rules and regulations of the University stipulated from time to time to the Office of the undersigned, on or before 26<sup>th</sup> Nov 2015, forwarded by the Supervisor and the Head of the Institution in which the Research Centre mentioned above is located.
2. Send a DD to VTU for requisite registration fee of ₹. 4000/- drawn in favour of the Finance Officer, VTU, Belagavi

**Note: This Provisional Registration is subject to fulfilling the conditions specified in the Clause PHD14.9 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2014)**

Registrar

To,

The candidate

- Copy to, 1. The Research Centre /VTURRC  
2. The Supervisor/Co-Supervisor





# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)  
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama" Belagavi-590018, Karnataka, India

### RESEARCH SUPERVISOR / CO-SUPERVISOR DETAILS

<b>REGISTRATION ID</b>	042021RSCS001348	<b>RESEARCH SUPERVISOR / CO-SUPERVISOR NAME</b>	DR.GOWRISHANKAR S
<b>MOBILE Ph. No.</b>	9986374400	<b>EMAIL-ID</b>	gowrishankar@computerengineer.in
<b>DEPARTMENT</b>	COMPUTER SCIENCE AND ENGINEERING		

### RESEARCH SCHOLAR ALLOTMENT DETAILS

Candidate Name	Candidate Department	Guide Type	Research Center Name	Allotment Date
ANUSHAM	COMPUTER SCIENCE AND ENGINEERING	Supervisor	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE	December 03, 2021
ASHA RANI K P	COMPUTER SCIENCE AND ENGINEERING	Supervisor	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE	December 03, 2021

**REGISTRAR**

#### **NOTE:**

**No signature required as this is system generated document.**

© ೨೦೨೧ ವಿನ್ಯಾಸ ಮತ್ತು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದವರು ಯೋಜನಾ ನಿರ್ವಹಣೆ ವಿಭಾಗ (ಪಿ. ಎಮ್. ಸಿ), ವಿ.ತಾ.ವಿ, ಬೆಳಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ.

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VTU Docume...



## Visvesvaraya Technological University

"Jnana Sangama", Belagavi- 590 018, Karnataka State.

Dr. H.N. Jagannatha Reddy, BE, M.E., Ph.D.  
Registrar

Phone: (0831) 2405468

Fax : (0831) 2405467

Ref: VTU/Ph.D./A7/2017-18/11434

Date:

10 MAR 2018

To,

Mrs: Wahida Banu  
USN: IDA11PEM03  
#139, 2<sup>nd</sup> floor, EWS, 4<sup>th</sup> Cross,  
KHB Colony, Udayagiri,  
Mysore-570019

Sub: Re-registration for Ph.D. (Part-Time)-Reg.

Ref: 1. Your letter dated 27-01-2018.  
2. Hon'ble Vice-Chancellor approval dated 07-03-2018.  
3. Dean approval dated :24-02-2018.  
4. DD No:288634 dated 15-02-2018 for Rs. 15000/-

With reference to the above, you are hereby permitted to re-register for the Ph.D. program and carry forward course work grades, but need to take up Comprehensive Viva-Voce.

This is for your information.

Yours faithfully,

Registrar

Copy Fwe's to:

1. The Registrar ( Evaluation), VTU, Belagavi for information and needful.
2. The Guide- Dr.Nandini N., Associate Prof., Dept of CSE, Dr. Ambedkar Institute of Technology, Bangalore.





# Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

Dr. H.N. Jagannatha Reddy BE., M.E., Ph.D.  
Registrar

Phone: (0831) 2405468  
Fax: (0831) 2405467

VTU/Ph.D./AC/A7/2018-2019/ *CS/10410/14*

Date: 06, Feb 2018

## OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research Programme.  
Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research Programme.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name	CHANDRAKANTH
2. Programme	Ph.D
3. Type	Part Time
4. Research Centre Department	Computer Science and Engineering
5. College/Institute	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bengaluru & India
6. Supervisor	DR. NANDINI N
7. Co-Supervisor	(No Co-Supervisor)
8. Research Topic	AN EFFICIENT ONTOLOGY BASED MACHINE LEARNING FOR CLASSIFYING HIGH DEFINITION SATELLITE IMAGES

### 9. Approved Course work \*

SI	Code	Course Work
1	14PHDRM	Research Methodology
2	16SCN12	Advances in Computer Networks
3	16SIT41	Managing Big Data
4	16SIT424	Machine Learning Techniques

This permission for registration is subject to fulfilling the following conditions:

1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 26, Feb 2018.

2. An undertaking to abide by the rules and regulations of the University.

3. Online payment of Rs.6000/- drawn in favour of "The Finance Officer VTU, Belagavi" towards requisite registration fee.

**Note:** This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

*H.N. Jagannatha Reddy*  
Registrar

To, **CHANDRAKANTH, CHANDRAKANTH #115/90, 11TH CROSS, VENKATAPUR TEACHERS COLONY KORMANGALA BLOCK -BANGALORE PIN CODE: 560034**

Copy to,

1. Research Center: **OUTER RINGROAD, MALLATHA HALLI. Near Jnanabharathi Campus Bangalore 560056**

2. The Supervisor/Co-Supervisor: **DR. NANDINI N / (No Co-Supervisor)**



# Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

**Dr. H.N. Jagannatha Reddy** BE., M.E., Ph.D.  
Registrar

Phone: (0831) 2405468  
Fax : (0831) 2405467

VTU/Ph.D./AC/A7/2018-2019/ *CS/10277/43*

Date: 05, Feb 2018

## OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research Programme.  
Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research Programme.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name	<b>MANJUNATHA H R</b>	
2. Programme	<b>Ph.D</b>	
3. Type	<b>Part Time</b>	
4. Research Centre Department	<b>Computer Science and Engineering</b>	
5. College/Institute	<b>DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bengaluru &amp; India</b>	
6. Supervisor	<b>DR. NANDINI N</b>	
7. Co-Supervisor	<b>(No Co-Supervisor)</b>	
8. Research Topic	<b>ENERGY-EFFICIENT DESIGN WITH WIRELESS BACKHAUL IN 5G mm WAVE CELLULAR NETWORK</b>	
9. Approved Course work		
<b>SI</b>	<b>Code</b>	<b>Course Work</b>
1	14PHDRM	Research Methodology
2	16ELD154	Advanced Computer Architecture
3	16MCA31	Computer Networks
4	16MCA451	Wireless Communication and Mobile Technologies

This permission for registration is subject to fulfilling the following conditions:

1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 25, Feb 2018.
2. An undertaking to abide by the rules and regulations of the University.
3. Online payment of Rs.6000/- drawn in favour of "The Finance Officer VTU, Belagavi" towards requisite registration fee.

**Note:** This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

*[Signature]*  
Registrar

To, **MANJUNATHA H R**, MANJUNATHA H R ASST. PROFESSOR DEPT. OF ISE BGSIT, BG NAGAR NAGAMANGALA (TALLUK MANDYA(DIST))-571448

Copy to,

1. Research Center: **OUTER RINGROAD, MALLATHA HALLI. Near Jnanabharathi Campus Bangalore 560056**
2. The Supervisor/Co-Supervisor: **DR. NANDINI N / (No Co-Supervisor)**





VTU Docume...



## Visvesvaraya Technological University

"Jnana Sangama", Belagavi- 590 018, Karnataka State.

Dr. H.N. Jagannatha Reddy, BE, M.E., Ph.D.  
Registrar

Phone: (0831) 2405468

Fax : (0831) 2405467

Ref: VTU/Ph.D./A7/2017-18/11434

Date:

10 MAR 2018

To,

Mrs: Wahida Banu  
USN: IDA11PEM03  
#139, 2<sup>nd</sup> floor, EWS, 4<sup>th</sup> Cross,  
KHB Colony, Udayagiri,  
Mysore-570019

Sub: Re-registration for Ph.D. (Part-Time)-Reg.

Ref: 1. Your letter dated 27-01-2018.  
2. Hon'ble Vice-Chancellor approval dated 07-03-2018.  
3. Dean approval dated :24-02-2018.  
4. DD No:288634 dated 15-02-2018 for Rs. 15000/-

With reference to the above, you are hereby permitted to re-register for the Ph.D. program and carry forward course work grades, but need to take up Comprehensive Viva-Voce.

This is for your information.

Yours faithfully,

Registrar

Copy Fwe's to:

1. The Registrar ( Evaluation), VTU, Belagavi for information and needful.
2. The Guide- Dr.Nandini N., Associate Prof., Dept of CSE, Dr. Ambedkar Institute of Technology, Bangalore.





# Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

Dr. H.N. Jagannatha Reddy BE, M.E., Ph.D.  
Registrar

Phone: (0831) 2405468  
Fax: (0831) 2405467

VTU/Ph.D./AC/A7/2018-2019/ CS/10410/14

Date: 06, Feb 2018

## OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research Programme.  
Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research Programme.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name	CHANDRAKANTH
2. Programme	Ph.D
3. Type	Part Time
4. Research Centre Department	Computer Science and Engineering
5. College/Institute	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bengaluru & India
6. Supervisor	DR. NANDINI N
7. Co-Supervisor	(No Co-Supervisor)
8. Research Topic	AN EFFICIENT ONTOLOGY BASED MACHINE LEARNING FOR CLASSIFYING HIGH DEFINITION SATELLITE IMAGES

### 9. Approved Course work \*

SI	Code	Course Work
1	14PHDRM	Research Methodology
2	16SCN12	Advances in Computer Networks
3	16SIT41	Managing Big Data
4	16SIT424	Machine Learning Techniques

This permission for registration is subject to fulfilling the following conditions:

1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 26, Feb 2018.

2. An undertaking to abide by the rules and regulations of the University.

3. Online payment of Rs.6000/- drawn in favour of "The Finance Officer VTU, Belagavi" towards requisite registration fee.

**Note:** This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

Registrar

To, CHANDRAKANTH, CHANDRAKANTH #115/90, 11TH CROSS, VENKATAPUR TEACHERS COLONY KORMANGALA BLOCK -BANGALORE PIN CODE: 560034

Copy to,

1. Research Center: OUTER RINGROAD, MALLATHA HALLI. Near Jnanabharathi Campus Bangalore 560056

2. The Supervisor/Co-Supervisor: DR. NANDINI N / (No Co-Supervisor)





# Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

**Dr. H.N. Jagannatha Reddy** BE., M.E., Ph.D.  
Registrar

Phone: (0831) 2405468  
Fax : (0831) 2405467

VTU/Ph.D./AC/A7/2018-2019/ *CS/10277/43*

Date: 05, Feb 2018

## OFFICE ORDER

Sub : Registration of Ph.D./M.Sc.(Engg.) by Research Programme.  
Ref : Your application for the Ph.D. /M.Sc.(Engg.) by Research Programme.

By the recommendations of the Admission Committee, you are hereby provisionally permitted to register for pursuing research work with the following details:

1. Name	<b>MANJUNATHA H R</b>	
2. Programme	<b>Ph.D</b>	
3. Type	<b>Part Time</b>	
4. Research Centre Department	<b>Computer Science and Engineering</b>	
5. College/Institute	<b>DR. AMBEDKAR INSTITUTE OF TECHNOLOGY, Bengaluru &amp; India</b>	
6. Supervisor	<b>DR. NANDINI N</b>	
7. Co-Supervisor	<b>(No Co-Supervisor)</b>	
8. Research Topic	<b>ENERGY-EFFICIENT DESIGN WITH WIRELESS BACKHAUL IN 5G mm WAVE CELLULAR NETWORK</b>	
9. Approved Course work		
<b>SI</b>	<b>Code</b>	<b>Course Work</b>
1	14PHDRM	Research Methodology
2	16ELD154	Advanced Computer Architecture
3	16MCA31	Computer Networks
4	16MCA451	Wireless Communication and Mobile Technologies

This permission for registration is subject to fulfilling the following conditions:

1. Letter of acceptance for the Provisional admission, duly forwarded by the Supervisor/ Co-Supervisor and Head of Research Centre on or before 25, Feb 2018.
2. An undertaking to abide by the rules and regulations of the University.
3. Online payment of Rs.6000/- drawn in favour of "The Finance Officer VTU, Belagavi" towards requisite registration fee.

**Note:** This Provisional Registration is subject to fulfilling the conditions specified in the Clause Ph.D.14.6 and 14.7 of the Regulations (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

*[Signature]*  
Registrar

To, **MANJUNATHA H R**, MANJUNATHA H R ASST. PROFESSOR DEPT. OF ISE BGSIT, BG NAGAR NAGAMANGALA (TALLUK MANDYA(DIST))-571448

Copy to,

1. Research Center: **OUTER RINGROAD, MALLATHA HALLI. Near Jnanabharathi Campus Bangalore 560056**
2. The Supervisor/Co-Supervisor: **DR. NANDINI N / (No Co-Supervisor)**



# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)  
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)  
"Jnana Sangama" Belagavi-590018, Karnataka, India

**Prof. A. S. Deshpande, B.E., M.Tech., Ph.D.**  
**REGISTRAR**

Phone: (0831) 2498100

Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/878

Date: December 31, 2021

### Provisional Registration Letter for Ph.D. Degree Programme (Office Order)

**Sub: Provisional Ph.D. Registration reg...**

- Ref:** 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.  
2. Candidate's ETR Application No. : 0175  
3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

Pursuant to the recommendations of the Admission Committee and approval of Honourable Vice Chancellor, you have been selected for provisional admission to pursue Ph.D. programme under Visvesvaraya Technological University, Belagavi.

The details pertaining to the registration are given below:

Sl.No.	Particulars	
1.	Name of the Candidate	AMULYA M P
2.	University Seat Number (USN)	1DA20PCS01
3.	Admission Category of Research Programme (Full Time/Part Time).	Ph.D. - Part Time
4.	Faculty under which the degree will be awarded.	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Name of the Research Center	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	COMPUTER SCIENCE AND ENGINEERING
7.	Proposed Research Topic / Area.	Enhancing the business process of an E-commerce domain sellers using data science techniques
8.	Name and address of the Research Supervisor.	DR.NANDINI N Assc. Professor - COMPUTER SCIENCE AND ENGINEERING DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
*****		

The Research Scholars shall strictly follow the norms of the University with regard to the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.) / M.S. (Research) - 2020 and any other amendments effected from time to time.

**Registrar**

To,

1. AMULYA M P, #1 SHIVARAKSHA, SRI KRISHNA TEMPLE ROAD, NEAR CMR RESIDENCE, DODDABOMMASANDRA, BENGALURU 560097.



2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.
3. To Research Supervisor: DR.NANDINI N
4. Office copy.

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# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯು ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)  
"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

## Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)  
"Jnana Sangama" Belagavi-590018, Karnataka, India

**Prof. A. S. Deshpande, B.E., M.Tech., Ph.D.**  
**REGISTRAR**

Phone: (0831) 2498100

Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/878

Date: December 31, 2021

### Provisional Registration Letter for Ph.D. Degree Programme (Office Order)

**Sub: Provisional Ph.D. Registration reg...**

- Ref:** 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.  
2. Candidate's ETR Application No. : 0175  
3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

Pursuant to the recommendations of the Admission Committee and approval of Honourable Vice Chancellor, you have been selected for provisional admission to pursue Ph.D. programme under Visvesvaraya Technological University, Belagavi.

The details pertaining to the registration are given below:

Sl.No.	Particulars	
1.	Name of the Candidate	AMULYA M P
2.	University Seat Number (USN)	1DA20PCS01
3.	Admission Category of Research Programme (Full Time/Part Time).	Ph.D. - Part Time
4.	Faculty under which the degree will be awarded.	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Name of the Research Center	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	COMPUTER SCIENCE AND ENGINEERING
7.	Proposed Research Topic / Area.	Enhancing the business process of an E-commerce domain sellers using data science techniques
8.	Name and address of the Research Supervisor.	DR.NANDINI N Assc. Professor - COMPUTER SCIENCE AND ENGINEERING DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
*****		

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**Registrar**

To,  
1. AMULYA M P,#1 SHIVARAKSHA, SRI KRISHNA TEMPLE ROAD, NEAR CMR RESIDENCE, DODDABOMMASANDRA, BENGALURU 560097.



2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.
3. To Research Supervisor: DR.NANDINI N
4. Office copy.

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# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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**Prof. A. S. Deshpande, B.E., M.Tech., Ph.D.**  
**REGISTRAR**

Phone: (0831) 2498100

Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/878

Date: December 31, 2021

### Provisional Registration Letter for Ph.D. Degree Programme (Office Order)

**Sub: Provisional Ph.D. Registration reg...**

- Ref:** 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.  
2. Candidate's ETR Application No. : 0379  
3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

Pursuant to the recommendations of the Admission Committee and approval of Honourable Vice Chancellor, you have been selected for provisional admission to pursue Ph.D. programme under Visvesvaraya Technological University, Belagavi.

The details pertaining to the registration are given below:

Sl.No.	Particulars	
1.	Name of the Candidate	ARPITHA K
2.	University Seat Number (USN)	1DA20PCS03
3.	Admission Category of Research Programme (Full Time/Part Time).	Ph.D. - Part Time
4.	Faculty under which the degree will be awarded.	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Name of the Research Center	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	COMPUTER SCIENCE AND ENGINEERING
7.	Proposed Research Topic / Area.	A Novel Approach to detect Covid-19 Pneumonia using Deep Learning Technique
8.	Name and address of the Research Supervisor.	DR.NANDINI N Assc. Professor - COMPUTER SCIENCE AND ENGINEERING DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
*****		

The Research Scholars shall strictly follow the norms of the University with regard to the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.) / M.S. (Research) - 2020 and any other amendments effected from time to time.

**Registrar**

To,

1. ARPITHA K, ARPITHA K, W/O ANIL KUMAR K T, C/O LATE JG SUBRAMANYA, BAIKAVESWARA NILAYA, JAVARANAHALLI



VILLAGE.

2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.
3. To Research Supervisor: DR.NANDINI N
4. Office copy.

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# ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

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**Prof. A. S. Deshpande, B.E., M.Tech., Ph.D.**  
**REGISTRAR**

Phone: (0831) 2498100

Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/878

Date: December 31, 2021

### Provisional Registration Letter for Ph.D. Degree Programme (Office Order)

**Sub: Provisional Ph.D. Registration reg...**

- Ref:** 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.  
2. Candidate's ETR Application No. : 0379  
3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

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The details pertaining to the registration are given below:

Sl.No.	Particulars	
1.	Name of the Candidate	ARPITHA K
2.	University Seat Number (USN)	1DA20PCS03
3.	Admission Category of Research Programme (Full Time/Part Time).	Ph.D. - Part Time
4.	Faculty under which the degree will be awarded.	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Name of the Research Center	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	COMPUTER SCIENCE AND ENGINEERING
7.	Proposed Research Topic / Area.	A Novel Approach to detect Covid-19 Pneumonia using Deep Learning Technique
8.	Name and address of the Research Supervisor.	DR.NANDINI N Assc. Professor - COMPUTER SCIENCE AND ENGINEERING DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
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**Registrar**

To,  
1. ARPITHA K, ARPITHA K, W/O ANIL KUMAR K T, C/O LATE JG SUBRAMANYA, BAIRAVESWARA NILAYA, JAVARANAHALI



VILLAGE.

2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.
3. To Research Supervisor: DR.NANDINI N
4. Office copy.

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"ಜ್ಞಾನ ಸಂಗಮ", ಬೆಳಗಾವಿ-೫೯೦೦೧೮, ಕರ್ನಾಟಕ, ಭಾರತ

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**Prof. A. S. Deshpande, B.E., M.Tech., Ph.D.**  
**REGISTRAR**

Phone: (0831) 2498100

Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2020-21/878

Date: December 31, 2021

### Provisional Registration Letter for Ph.D. Degree Programme (Office Order)

**Sub: Provisional Ph.D. Registration reg...**

- Ref:** 1. Notification No. VTU/BGM/Aca/Ph.D./2020-21/847 dated 07-11-2020.  
2. Candidate's ETR Application No. : 3764  
3. Hon'ble Vice Chancellor's Order dated 14-12-2021.

Pursuant to the recommendations of the Admission Committee and approval of Honourable Vice Chancellor, you have been selected for provisional admission to pursue Ph.D. programme under Visvesvaraya Technological University, Belagavi.

The details pertaining to the registration are given below:

Sl.No.	Particulars	
1.	Name of the Candidate	SHANMUGA PRIYA R
2.	University Seat Number (USN)	1DA20PCS09
3.	Admission Category of Research Programme (Full Time/Part Time).	Ph.D. - Part Time
4.	Faculty under which the degree will be awarded.	FACULTY OF COMPUTER AND INFORMATION SCIENCES
5.	Name of the Research Center	DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
6.	Specialization	COMPUTER SCIENCE AND ENGINEERING
7.	Proposed Research Topic / Area.	An efficient method to predict and analyze health related issue with an integration of IoMT Big Data Analytics and Deep Learning
8.	Name and address of the Research Supervisor.	DR.SMITHA SHEKAR B Assc. Professor - COMPUTER SCIENCE AND ENGINEERING DR. AMBEDKAR INSTITUTE OF TECHNOLOGY BANGALORE
*****		

The Research Scholars shall strictly follow the norms of the University with regard to the Regulations Governing the Degree of Doctor of Philosophy (Ph.D.) / M.S. (Research) - 2020 and any other amendments effected from time to time.

**Registrar**

To,

1. SHANMUGA PRIYA R.,



2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.
3. To Research Supervisor: DR.SMITHA SHEKAR B
4. Office copy.

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