

Registration No.



100499MA10F02



National Institute of Technology Karnataka, Surathkal
hereby confers the degree of

Doctor of Philosophy



on

Prameela Kolake

in recognition of the research work on

"NEW ASPECTS OF DOMINATION AND COMPLEMENTATION IN GRAPHS"

carried out in the Department of
Mathematical And Computational Sciences
and completed all the requirements
in **February 2015**

Given under the seal of the Institute,
on 14th November 2015

PRINCIPAL

NITK's Institute of Engg. & Technology,
Mysor, MOODBIDRI - 574 225, D.K.

Registrar

Director

Chairperson, Board of Governors

Sl. No. PH15044

Vacancy Count (As on : 25-10-2023 01:32:01)

LIST OF RESEARCH CANDIDATES

Sl.No.	USN	Candidate Name	Candidate Type	Guide Type	Category	Candidate Status
1	4AL18PMA01	KAVITHA.B	PART TIME	Guide	GM	COURSE WORK COMPLETED
2	4AL18PMA02	RASHMI R	PART TIME	Guide	OTHER	REGISTERED
3	4AL20PMA01	ANJANA PAI K	PART TIME	Guide	GM	REGISTERED
4	4AL21PMA01	SANDEEPA	PART TIME	Guide	OTHER	REGISTERED

CURRENT VACANCY DETAILS

Total Remaining Count	GM Remaining Count	SC/ST/CAT-1 Remaining Count	OTHER/DIVYANGA Remaining Count	NRI Remaining Count
2	0	1	0	1

NOTE: '-' or 'negative' values indicates candidates count exceeded in the respective category.

© ೨೦೨೩ ವಿನ್ಯಾಸ ಮತ್ತು ಅಭಿವೃದ್ಧಿಪಡಿಸಿದವರು ಯೋಜನಾ ನಿರ್ವಹಣೆ ವಿಭಾಗ (ಪಿ. ಎಮ್. ಸಿ), ವಿ.ತಾ.ವಿ, ಬೆಳಗಾವಿ. ಕರ್ನಾಟಕ. ಭಾರತ.

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Mijar. MOODBIDRI - 574 225, D.K

Professor Profile - Researcher - X +

← → 🔍 ⚙️ ⚠️ Not secure | researcher.vtu.ac.in/Professor/index

🔍 2020x 2 Library 1 N SEM CSE 2 2nd F 3 3-F Duly 4 Online class 5 Telegram 6 CESC Cell 7 PRAMEELA KOLAKE 8 Desputa Katar 9 Kunder 10 WDR 2021_07_06a... 11 Other bookmarks 12 Reading list

 **Researcher**
Ph.D Professors & Scholars

Welcome, prameela.kolake@gmail.com [Logout](#)

[Professor](#) ▾ [Candidates](#) ▾ [Contact Us](#) ▾

Professor Profile

Status	Appl. # (RSRJ)	Professor Name	Email ID	
	161 (VTU0817161)	DR. PRAMEELA KOLAKE	prameela.kolake@gmail.com	Edit VTU Non-VTU

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Alva's Institute of Engg. & Technology,
Mijur, MOODUBIDRI - 574 225, D.K.



Visvesvaraya Technological University

Jnana Sangama, Belagavi, Karnataka 590018

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

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

Date: 27, Dec 2017

VTU/Ph.D./AC/A7/2017-2018/9014/MA -22

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 **KAVITHA.B**
2. Programme **Ph.D**
3. Type **Part Time**
4. Research Centre Department **Mathematics**
5. College/Institute **ALVAS INST. OF ENGG. AND TECHNOLOGY, MOODABIDRI**
6. Supervisor **DR. PRAMEELA KOLAKE**
7. Co-Supervisor **(No Co-Supervisor)**
8. Research Topic **INDUCED COMPLEMENTATION AND DOMINATION IN GRAPHS**
9. Approved Course work

Sl	Code	Course Work
1	14PHDMA001	Ordinary and Partial differential equations
2	14PHDMA002	Advanced Numerical Methods
3	14PHDMA004	Complex analysis
4	14PHDMA005	Advanced Graph theory
5	14PHDMA009	Integral Transforms & Calculus of Variation
6	14PHDRM	Research Methodology

is 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 or before 16, 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 Regulation (Amended) Governing the Degree of Doctor of Philosophy (Ph.D. 2017).

[Signature]
Reg
AP

To, **KAVITHA.B, LATHA VENKATESH INFRONT OF PF QUARTERS PILIKULA ROAD VAMANJOOR**

Copy to,

1. Research Center: **Mijar, Moodbidri**
2. The Supervisor/Co-Supervisor: **DR. PRAMEELA KOLAKE / (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/MA 10518/8

Date: 08, 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	RASHMI R
2. Programme	Ph.D
3. Type	Part Time
4. Research Centre Department	Mathematics
5. College/Institute	ALVAS INST. OF ENGG. AND TECHNOLOGY, MOODABIDRI
6. Supervisor	DR. PRAMEELA KOLAKE
7. Co-Supervisor	(No Co-Supervisor)
8. Research Topic	NEW ASPECTS OF MAXIMIN DEGREE DOMINATION NUMBER IN GRAPHS

9. Approved Course work

Sl	Code	Course Work
1	14PHDMA001	Ordinary and Partial differential equations
2	14PHDMA002	Advanced Numerical Methods
3	14PHDMA004	Complex analysis
4	14PHDMA005	Advanced Graph theory
5	14PHDMA009	Integral Transforms & Calculus of Variation
6	14PHDRM	Research Methodology

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 28, 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, RASHMI R, DEPARTMENT OF MATHEMATICS ALVA'S INSTITUTE OF ENGINEERING AND TECHNOLOGY, SHOBHAVANA CAMPUS, MIJAR MOODBIDRI, DK 574225

Copy to,

1. Research Center: Mijar, Moodbidri
2. The Supervisor/Co-Supervisor: DR. PRAMEELA KOLAKE / (No Co-Supervisor)

PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
 ("ವಿ ಬ 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. : 0267
 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	ANJANA PAI K
2.	University Seat Number (USN)	4AL20PMA01
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 APPLIED SCIENCES
5.	Name of the Research Center	ALVA S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI
6.	Specialization	MATHEMATICS
7.	Proposed Research Topic / Area.	Graph energy and Neighborhood contraction in Graphs
8.	Name and address of the Research Supervisor.	DR. PRAMEELA KOLAKE Assc. Professor - MATHEMATICS ALVA S INSTITUTE OF ENGINEERING AND TECHNOLOGY, MOODBIDRI

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. ANJANA PAI K, 303/2, SRILAXMI, DANASHALE ROAD, KARKALA, MOODBIDRI, 574 225, D.K.
 2. Principal of the college / Director, Principal or Dean (Academic) of the University Department/Research Organization where the candidate has to register for admission to Ph.D. programme.
 3. To Research Supervisor: DR. PRAMEELA KOLAKE



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
 ("ವಿ ಬಿ 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

Dr. B. E. Rangswamy, Ph.D.
REGISTRAR

Phone: (0831) 2498100
 Fax : (0831) 2405467

VTU/BGM/Aca/Ph.D./2022-23/125

Date: May 15, 2023

**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./2020-21/669 Dated 12-08-2022.
 2. Candidate's ETR Application No. : 9445
 3. Hon'ble Vice Chancellor's Order dated 05-05-2023.

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	SANDEEPA
2.	University Seat Number (USN)	4AL21PMA01
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 APPLIED SCIENCES
5.	Name of the Research Center	ALVA S INSTITUTE OF ENGINEERING AND TECHNOLOGY. MOODBIDRI
6.	Specialization	MATHEMATICS
7.	Proposed Research Topic / Area.	A STUDY ON LABELINGS OF GRAPHS USING DIFFERENT VERTEX AND INDUCED EDGE FUNCTIONS
8.	Name and address of the Research Supervisor.	DR. PRAMEELA KOLAKE Assc. Professor - MATHEMATICS ALVA S INSTITUTE OF ENGINEERING AND TECHNOLOGY. MOODBIDRI

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) - 2023 and any other amendments effected from time to time.

Rangswamy B.E
Registrar

To,

[Signature]
PRINCIPAL

1. SANDEEPA, JNANASUDHA PU COLLEGE, GANTEMANNE, KARKALA TALUK, UDUPI DISTRICT PINCODE 576117.
 2. Principal of the college / Director, Principal or Dean (Architecture)/Chairperson of the University Department/Research

Research Supervisor Profile Review Status Report

Department **Mathematics**

Sl.No.	Appl.No	RSRI	Name	Designation	College	Status
1	45	VTU081745	DR. KARABI SIKDAR	Associate Professor	BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT, Bengaluru	Approved
2	141	VTU0817141	DR. ARUNKUMAR R	Associate Professor	SAI VIDYA INSTITUTE OF TECHNOLOGY, Bengaluru	Approved
3	157	VTU0817157	DR. RANJINI. P. S	Professor	DON BOSCO INSTITUTE OF TECHNOLOGY, Bengaluru	Approved
4	161	VTU0817161	DR. PRAMEELA KOLAKE	Assistant Professor	ALVAS INST. OF ENGG. AND TECHNOLOGY, MOODABIDRI	Approved
5	203	VTU0817203	DR.SHIVAKUMAR H M	Professor	EAST WEST INSTITUTE OF TECHNOLOGY, Bengaluru	Approved
6	230	VTU0817230	DR.G.S.PRASAD	Professor	AMC ENGINEERING COLLEGE, Bengaluru	Approved
7	236	VTU0817236	DR. B. SOORYANARAYANA	Professor	Dr.Ambedkar Institute of Technology, Bangalore	Approved
8	240	VTU0817240	DR. P. SIVA KOTA REDDY	Associate Professor	Siddaganga Institute of Technology, Tumakuru	Approved
9	258	VTU0817258	SATISH V. MOTAMMANAVAR	Assistant Professor	RVCE, Bengaluru	Approved
10	278	VTU0817278	DR. K M NAGARAJA	Associate Professor	JSS ACADEMY OF TECHNICAL EDUCATION, Bengaluru	Approved
11	335	VTU0917335	SHANTHI	Professor	CAMBRIDGE INSTITUTE OF TECHNOLOGY, Bengaluru	Approved


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 Mijar, MOODABIDRI - 574 225, D.K.