#### **Abstract**

Research Section - Ms. Anandhi V(D-SCM16JUL001), Ms. Susmi Jacob(D-SCM17JUL004), Ms. Asha S(D-SCM17JUL005) Research Scholars at SCMS School of Engineering & Technology - Change of Research Supervisor - Sanctioned - Orders issued.

#### RESEARCH SECTION

U.O.No. 1781/2021/KTU Thiruvananthapuram, Dated: 31.10.2021

Read:-1. U.O.No.159/2021/KTU dated 28.01.2021

2. Email dated 08.04.2021 from the Principal, SCMS School of Engineering & Technology

#### **ORDER**

The Principal, SCMS School of Engineering & Technology vide paper read as (2) above had forwarded requests from Ms.Anandhi V(D-SCM16JUL001), Ms.Susmi Jacob(D-SCM17JUL004), Ms.Asha S(D-SCM17JUL005), Research Scholars at SCMS School of Engineering & Technology, to change their existing Research Supervisor, namely Dr.Vinod P, as he had resigned from that college and had joined as a Professor in Cochin University of Science and Technology.

The Principal had proposed Dr. Varun Menon (KTU-F18116), Associate Professor, Department of Computer Science and Engineering, SCMS School of Engineering & Technology as the new Research Supervisor for the above Research scholars, and had also forwarded consent for the same as received from Research Scholars concerned, existing Research Supervisor and proposed Research Supervisor, vide paper read as (2) above.

As per guidelines for changing Research Supervisor, communicated vide paper read as (1) above, 'If a scholar/ guide opts for a change the request/ complaint is received by the University. The scholar/ guide is required to submit his/her explanation or comment based on the request/ complaint. If there is consensus between guide and scholar, the change recommended by the Principal (convener of the DC) is accepted by the University. University will issue an order approving the change and the convener shall then inform the doctoral committee regarding the change'.

Sanction is therefore accorded changing Research Supervisor in respect of the Research Scholars at SCMS School of Engineering & Technology as detailed in table shown below:-

Name of Research Scholar	Existing Research Supervisor	New Research Supervisor
Ms. Anandhi V (D-SCM16JUL001)	Dr. Vinod P, Professor,  Department of Computer	Dr. Varun Menon (KTU- F18116), Associate Professor, Department of
Ms. Susmi Jacob (D-SCM17JUL004)	Applications, Cochin University of Science and	Computer Science and Engineering,
Ms. Asha S (D-SCM17JUL005)	Technology	SCMS School of Engineering & Technology



Sd/-

Dr. Shalij P.R \*
DEAN (Research)

## Copy to:-

- 1. The Principal, SCMS School of Engineering & Technology.
- 2. Research Scholar concerned.
- 3. Research Supervisor concerned.
- 4. Dr. Vinod P., Professor, Department of Computer Applications, Cochin University of Science and Technology.
- \* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



Dated: 22.10.2021

#### **CIRCULAR**

Sub:- APJAKTU- Guidelines on Supervisors getting transferred frequently / not working in the Place of Research, Appointment of faculty member as temporary arrangement – reg:

Ref: - 1. UO No. 652/2019/KTU dated 30.11.2019.

2. UO No.152/2021/KTU dated 25.01.2021.

With regard to the matter of Supervisors getting transferred frequently / not working in the Place of Research, following are to be complied with.

1. Assign a faculty member with PhD (not necessarily a KTU Guide), as a temporary arrangement, to monitor, approve and report the progress of the Scholar and to assist the Principal in convening the DC meetings of the Scholar.

2.Guidelines for consideration of Co-Guide (Co-Supervisor) ship: The domain of research should be interdisciplinary in nature and should match with the areas of expertise of the Co-Supervisor. If Co-Supervisor is opted, the expertise of Co-Supervisor should be substantiated by his/her research papers related to the domain of research, as published in SCI/SCIE/SSCI/Scopus unpaid journals. The recommendation from the Chairman of Doctoral Committee should also be submitted. Based on the above records, the Standing Committee of the Syndicate on Research will decide on the application for Co Supervisor.

Hence necessary arrangements are to be made at Place of research in accordance with the University Orders mentioned, to assign a faculty member with PhD (not necessarily a KTU guide), as a temporary arrangement, to monitor and approve the progress of the scholar as well as to assist the Dean (Research) in convening the DC meetings of the scholar, in cases where the supervisor gets transferred to another institution / not working in the place of Research.

**Dr. Shalij P.R \*** DEAN (Research)

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#### **Abstract**

APJ Abdul Kalam Technological University - Guidelines for appointing Research Co-Supervisor for Research Scholars - Approved by the Syndicate - Orders issued.

RESEARCH SECTION

U.O.No. 152/2021/KTU

Thiruvananthapuram, Dated: 25.01.2021

Read:-1, U.O.No. 652/2019/KTU dated 30.11.2019.

2. item No.S 018 - 003 (8) in the minutes of 18th meeting of the Syndicate held on 15.01.2021.

#### **ORDER**

The Syndicate at its meeting held on 15.01.2021 considered the matter of fixing guidelines for appointing Research Co-Supervisor for Research Scholars and had resolved to approve the following, vide paper read as (2) above:-

- 1. Extend the facility of assigning a faculty member with PhD (not necessarily a KTU Guide), as a temporary arrangement, to monitor, approve and report the progress of the Scholar and to assist the Principal in convening the DC meetings of the Scholar, to Self Financing Colleges also.
- 2. Guidelines for consideration of Co-Guide (Co-Supervisor) ship: The domain of research should be interdisciplinary in nature and should match with the areas of expertise of the Co-Supervisor. If Co-Supervisor is opted, the expertise of Co-Supervisor should be substantiated by his/her research papers related to the domain of research, as published in SCI/SCIE/SSCI/Scopus unpaid journals. The recommendation from the Chairman of Doctoral Committee should also be submitted. Based on the above records, the Standing Committee of the Syndicate on Research will decide on the application for Co-Supervisor.

Sanction is therefore accorded implementing the resolution of the Syndicate as mentioned above.

Orders are issued accordingly.

Sd/-

Dr. Shiny G \*
DEAN (Research) in Charge

## Copy to:-

- 1. All Self Financing colleges approved as Research Centers.
- 2. Public Relations Officer
- 3. PS to VC / PS to PVC / PA to Registrar / PA to CE / PA to Dean (Academic)
- \* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



#### **Abstract**

APJAKTU - Research Regulations - Resolution of the Research Council - Implemented - Orders Issued

RESEARCH SECTION

U.O.No. 652/2019/KTU

Thiruvananthapuram, Dated: 30.11.2019

Read:-Item No. 9.13 of the minutes of 9th meeting of Research Council held on 30.10.2019.

#### **ORDER**

The Research Council of the University while considering the matter of Supervisors of Government Colleges / Government Controlled Self Financing Colleges getting transferred frequently had resolved vide paper read above, 'To inform the Director of Technical Education, Government of Kerala and Director, IHRD to issue orders to Dean Research/Principals of the respective places of research, to assign a faculty member with PhD (not necessarily a KTU guide), as a temporary arrangement, to monitor and approve the progress of the scholar as well as to assist the Dean (Research) in convening the DC meetings of the scholar, in cases where the supervisor gets transferred to another institution.'

Sanction is therefore accorded implementing the resolution of Research Council.

Orders are issued accordingly.

Sd/-

Dr. VRINDA V NAIR \* DEAN (Research)

Copy to:-

All Research Institutions concerned
PS to VC / PS to PVC / PA to Registrar
E-Governance wing
Day File / Stock File



<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

## **Abstract**

APJAKTU - Assigning Dr. Varun G. Menon (KTU-F18116), Associate Professor, SCMS School of Engineering and Technology, as supervisor of the research scholar Mr. Vinoj P.G (D-SCM17JUL003)- sanctioned - Orders issued.

#### RESEARCH SECTION

U.O.No. 1083/2023/KTU

Thiruvananthapuram, Dated: 09.05.2023

Read:-1. Email from the Principal, SCMS School of Engineering and Technology.

- 2. Letter from research scholar Mr. Vinoj P.G (D-SCM17JUL003).
- 3. Letter from Dr. Sunil Jacob (KTU-18167) to transfer the scholar.
- 4. Consent letter from Dr. Varun G. Menon (KTU-F18116) to supervise the scholar.
- 5. Letter from the convenor of DC.
- 6. Circular No. KTU/RESEARCH4/301/2021 dated 22.10.2021.

#### **ORDER**

Mr. Vinoj P.G (D-SCM17JUL003), Research Scholar at SCMS School of Engineering and Technology has requested to change his research supervisor vide paper read 1 and 2 above since Dr. Sunil Jacob (KTU-18167) research supervisor of Mr. Vinoj P.G left the institution and informed No Objection to above said changes.

.

Vide paper read 4 above , Dr. Varun G. Menon (KTU-F18116) Associate Professor, Department of Computer Science and Engineering at SCMS School of Engineering and Technology (recognized research guide and current co-supervisor of Mr.Vinoj.P.G(D-SCM17JUL003) under APJ Abdul Kalam Technological University) has expressed his willingness to supervise the said research scholar.

Considering the above, sanction is hereby accorded by the Vice-Chancellor for assigning Dr. Varun G. Menon (KTU-F18116), Associate Professor, SCMS School of Engineering and Technology, as supervisor of the research scholar Mr. Vinoj P.G (D-SCM17JUL003) at SCMS School of Engineering and Technology to monitor and approve the progress of the above scholar as well as to conduct the DC meetings of the scholar vide paper read 6 above.

Orders are issued accordingly.

Sd/-

Dr. Shalij P.R \*
DEAN (Research)



- 1. The Principal, SCMS School of Engineering and Technology.
- 2. Dr. Sunil Jacob (KTU-18167), Professor, SCMS School of Engineering and Technology.
- 3. Dr. Varun G. Menon (KTU-F18116), Associate Professor, SCMS School of Engineering and Technology.
- 4. Research scholar Mr. Vinoj P.G (D-SCM17JUL003)(Through Principal.).



<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



# **APJ Abdul Kalam Technological University**

# Registration of Research Scholar

Name of the Research Scholar	BINU JOHN
Address and Contact Details	Postal Address:FLAT 3C, LIVIT HARMONY JYOTHIR NAGAR, NEAR CHAMAPARAMBE SCHOOL,UC COLLEGE P.O.,ALUVA Contact Number:Mobile 9846821292 Landline 0484-2492501 Email: binujktuf18094@gmail.cor
Discipline/Area of Research	COMPUTER SCIENCE AND ALLIED BRANCHES
Category of Ph.D registration	Part time scholar
Name and address details of the affiliated college/Place of Research	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Name and contact details of Research Supervisor/(s)	VARUN MENON(KTU-F18116) Postal Address: 4D PARVATHY, AUTUMNDALE, SI PROPERTY, VIDYANAGAR,KADAVANTARA,ERNAKULAM, PIN-682020 Phone: 8714504684 Email: varunmenon@scmsgroup.org
Date of Admission of the Ph.D Scholar	29/11/2021
Date of Registration(To be filled in after the 1st DC meeting)	29/11/2021

Signature of Research Scholar

Signature of Guide/(s)

Signature of the principal/ Head the University Department

[Signature of Dean(Research/Chairman(Doctoral Committee))]SCNS SCHOOL OF ENGI



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KTU/RESEARCH/2021/00145

01.01.2025

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr AKHILA M(KTU-F38429), Associate Professor, CIVIL ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 06/10/2021. The Supervisorship is approved vide University Order No.U.O.No. 73/2022/KTU Dated 02/12/2021

Details of Scholars Supervised/ being Supervised by Dr AKHILA M(KTU-F38429) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	DEERAJ A D	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Exam Panel approved by University

VINU THOMAS



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KTU/RESEARCH/2021/00439

01.01.2025

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr JENSON JOSEPH EARNEST(KTU-F18184). Professor, AUTOMOBILE ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 06/10/2021. The Supervisorship is approved vide University Order No.U.O.No. 1903/2021/KTU Dated 04/10/2021

Details of Scholars Supervised/ being Supervised by Dr JENSON JOSEPH EARNEST(KTU-F18184) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	ARAVIND P. V.	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Completed

VINU THOMAS



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KTU/RESEARCH/2023/00338

01.01.2025

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr Raghav G R(KTU-F40945), Associate Professor, MECHANICAL ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 05/10/2023. The Supervisorship is approved vide University Order No.U.O.No.2438/2023/KTU Dated 17/08/2023

Details of Scholars Supervised/ being Supervised by Dr Raghav G R(KTU-F40945) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	AJITH KUMAR R	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Completed

**VINU THOMAS** 

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

D-SCM18JUL001 Format R-02



# **APJ Abdul Kalam Technological University**

# Registration of Research Scholar

Name of the Research Scholar	AJITH KUMAR R
Address and Contact Details	Postal Address: AKSHAYA, 9/367A, NORTH OF SS KALAMANDIR,
	OLD THIRAMALA,
	ALAPPUZHA - 688011  Contact Number:Mobile 9446049457  Landline 0477-2239457 Email: ktuajith@gmail.com
Discipline/Area of Research	HEAT TRANSFER USING NANOFLUIDS
Category of Ph.D registration	Part time scholar
Name and address details of the affiliated college/Place of Research	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Name and contact details of Research Supervisor/(s)	Raghav G R(KTU-F40945)
Date of Admission of the Ph.D Scholar	11/12/2018
Date of Registration(To be filled in after the 1st DC meeting)	11/12/2018

Signature of Research Scholar

Signature of Guide/(s)

Signature of the principal/ Head of the University Department

[Signature of Dean(Research/Chairman(Doctoral Committee))]



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27.09.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr Nithya Mohan(KTU-F45086), Assistant Professor, BASIC SCIENCES, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University, approved vide University Order No. U.O.No.2438/2023/KTU Dated 17/08/2023

This certificate is issued on his request for the purpose of official documentation purposes.

Dr.Shalij P R

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



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KTU/RESEARCH/2022/00249

23.07.2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr PRASEEJA A V(KTU-F36421), Associate Professor CIVIL ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 06/08/2022. The Supervisorship is approved vide University Order No.U.O.No. 1888/2022/KTU Dated 20/07/2022

VINU THOMAS



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KTU/RESEARCH/2021/00101

31.12.2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr VIDYA CHANDRAN(KTU-F18211), Associate Professor, MECHANICAL ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 06/10/2021. The Supervisorship is approved vide University Order No.U.O.No. 1903/2021/KTU Dated 04/10/2021

**VINU THOMAS** 

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KTU/RESEARCH/2021/00040

01.01.2025

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr Manish T I(KTU-F24704), Professor, COMPUTER SCIENCE & ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 02/05/2017. The Supervisorship is approved vide University Order No.U.O.No. 1902/2021/KTU Dated 04/10/2021

Details of Scholars Supervised/ being Supervised by Dr Manish T I(KTU-F24704) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	NEETHA K NATARAJ	ADI SHANKARA INSTITUTE OF ENGG AND TECHNOLOGY	Part time scholar	Supervisor	Student Course- Work Complete
2	GRIPSY PAUL MANNICKATHAN	ADI SHANKARA INSTITUTE OF ENGG AND TECHNOLOGY	Part time scholar	Supervisor	Research Proposal Confirmed
3	DIVYA KS	ADI SHANKARA INSTITUTE OF ENGG AND TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Completed
4	DIVYA G	ADI SHANKARA INSTITUTE OF ENGG AND TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Completed
5	PANCHAMI V U	ADI SHANKARA INSTITUTE OF ENGG AND TECHNOLOGY	Part time scholar	Supervisor	First Seminar Completed

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India

# **Personal Details**

Name	Dr RATISH MENON	Date of Joining	01-08-2013
Staff Type	Faculty	AICTE Unique Id	1-2194025658
Gender	Male	Appointment Type	Regular
Date of Birth	18-05-1980	Cadre	Professor
Aadhar Number	XXXXXXXX1955	Designation	Professor
Caste		Department	CIVIL ENGINEERING
Religion  Category	Hindu General	Specialization	ENVIRONMENTAL ENGINEERING
Pan Number	AVTPM1381Q	Institution	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY

# **Contact Details**

Address	NETHIAMADATHIL	Mobile Number	9746083929
	HOUSE, PALAPARAMBIL LANE, PUNKUNNAM, THRISSUR-680002	Email	ratishmenon@scmsgro up.org
Landline Number	0487-2381085		

# **Salary Details**

Payment Mode	Credit to Bank	PF Type	
Pay Scale	VIth Payscale	PF Number	
Basic Pay	40700.00	Bank Account	588802010003916
DA		Number	
HRA	4000.00	Name of Bank	Union bank
Other Allowance	62200.00	Branch Name	Palissery
Gross per Month	115000.00	IFSC code	UBIN0558885

# **Educational Details**

Degree	Specialization
Ph.d	CIVIL ENGINEERING
M.Tech	CIVIL ENGINEERING
B.Tech	CIVIL ENGINEERING

# **Experience Details**

Designation	From	То
assistant Professor	01-08-2013	31-07-2014
Associate Professor	01-08-2014	30-04-2022
Professor	01-05-2022	

# Ph.D Details

	Post Ph.D Experience(years)	Total Teaching Experience(years)	
09-08-2014	10.0	10.0	

# **Publications**

Title of the paper	Name	Publication Type
Development of particulate matter speciation profiles for major sources in six cities in India	Atmospheric Research	SCI
Assessment of spatio-temporal changes in terrestrial carbon sequestration due to Kochi metro rail project in India	Urban Climate	SCOPUS
Development of a novel groundwater iron removal system using adsorptive Fe(II) process	Ground Water for Sustainable Development	SCOPUS
PM10 source identification using the trajectory based potential source apportionment (TraPSA) toolkit at Kochi, India	Atmospheric Pollution Research	SCI
Role and value of urban forests in carbon sequestration: review and assessment in Indian context	Environment Development and Sustainability	SCI
Assessment of urban air quality from Twitter communication using self- attention network and a multilayer classification model	Environmental Science and Pollution Research	SCI

Micro-plastics in the Vicinity of an	Bulletin of Environmental	SCI
Urban Solid Waste Management	Contamination and	
Facility in India: Assessment and Policy	Toxicology	
Implications		

# Scholar

# **Details**

Application Number	Scholar Name	Place of Research	Scholar Type	Type of Guideship	Status
9601	MERIN MATHEW	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Research Proposal Confirmed
8112	SRUTHY ROBERT	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Full time scholar	Supervisor	Student Comprehensive Completed
10155	SRUTHY S	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Student Course-Work Complete

# **Scholar Details-Other Universities**

Scholar Name	University Name
Merin Mathew	APJ Abdul Kalam Technological University
Sruthy Robert	APJ Abdul Kalam Technological University
Sruthy S	APJ Abdul Kalam Technological University



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KTU/RESEARCH/2021/00439

01.01.2025

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr JENSON JOSEPH EARNEST(KTU-F18184), Professor, AUTOMOBILE ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 06/10/2021. The Supervisorship is approved vide University Order No.U.O.No. 1903/2021/KTU Dated 04/10/2021

Details of Scholars Supervised/ being Supervised by Dr JENSON JOSEPH EARNEST(KTU-F18184) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	ARAVIND P. V.	SCMS SCHOOL  OF ENGINEERING  AND  TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Completed

**VINU THOMAS** 

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



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25.06.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr DEEPAK K S(KTU-F12202), Associate Professor, ELECTRONICS & COMMUNICATION ENGG, GOVERNMENT ENGINEERING COLLEGE THRISSUR is an approved Research Supervisor of this University, approved vide University Order No. U.O.No. 1902/2021/KTU dated 04/10/2021

This certificate is issued on his request for the purpose of official documentation purposes.

Dr.Shalij P R

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



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30.07.2023

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr DIVYA NATH K(KTU-F18124), Associate Professor, ELECTRICAL AND ELECTRONICS ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University, approved vide University Order No. U.O.No. 1903/2021/KTU dated 04/10/2021

This certificate is issued on his request for the purpose of official documentation purposes.

Dr.Shalij P R

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D-SCM18JUL002 Format R-01



# **APJ Abdul Kalam Technological University**

# **Approved Doctoral Committee**

Name Of the Scholar	VIPIN RAJ P G
Discipline/Area of Research	INDUSTRIAL ENGINEERING
Name of Research Supervisor/(s)	PRAVEENSAL C J(KTU-F18194)
Name of Research Co-Supervisor	BALAGOPAL MENON(KTU-F18029)
Name of the Place Of Research(Affiliated college/University Department)	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY
Chairman Of the DC	Krishnakumar K
Name of Convener[Principal of the affiliated college/Academic Head of the University Department]	Praveensal C J

Approved Doctoral Committee members- (Internal)					
Name Designation Contact Number Email					
MAHESH RENGARAJ(KTU- F18189)	Professor	9447046600	mahesh@scmsgroup.org		
RATISH MENON(KTU- F18075)	Associate Professor	9746083929	ratishmenon@scmsgroup.org		

Approved Doctoral Committee members- (External)					
Name Email Contact Number					
G MADHU	profmadhugopal@gmail.com	9447366900			
RAGHUNATHAN RAJESH	rrajeshraghu@gmail.com	9446073919			

Signature of the Chairman of DC



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30.07.2023

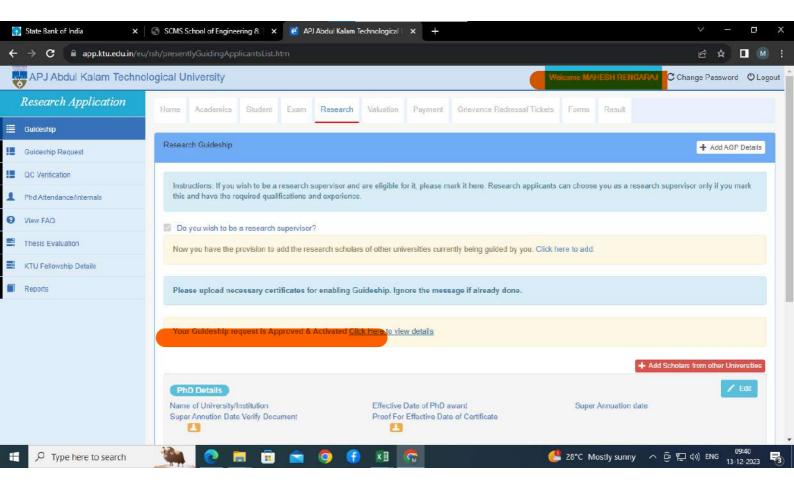
## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr DIVYA NATH K(KTU-F18124), Associate Professor, ELECTRICAL AND ELECTRONICS ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University, approved vide University Order No. U.O.No. 1903/2021/KTU dated 04/10/2021

This certificate is issued on his request for the purpose of official documentation purposes.

Dr.Shalij P R

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.





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KTU/RESEARCH/2021/00402

09.02.2024

#### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr Jayanand Balakrishnan(KTU-F18657), Professor, ELECTRICAL AND ELECTRONICS ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 24/06/2023. The Supervisorship is approved vide University Order No.U.O.No. 1902/2021/KTU Dated 04/10/2021

Details of Scholars Supervised/ being Supervised by Dr Jayanand Balakrishnan(KTU-F18657) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	ADHIPA K R	GOVERNMENT ENGINEERING COLLEGE THRISSUR	Full time scholar	Supervisor	Student Comprehensive Completed
2	JERIN GEORGE K	GOVERNMENT ENGINEERING COLLEGE THRISSUR	Part time scholar	Supervisor	Student Registration Complete
3	NITHIN ITTEERA	GOVERNMENT ENGINEERING COLLEGE THRISSUR	Part time scholar	Supervisor	Student Registration Complete
4	HAREESH A	GOVERNMENT ENGINEERING COLLEGE THRISSUR	Full time scholar	Supervisor	Thesis Viva Initiated
5	SMRITHI K	GOVERNMENT ENGINEERING COLLEGE THRISSUR	Full time scholar	Supervisor	First Seminar Completed

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

	GOVERNMENT ENGINEERING COLLEGE THRISSUR	Full time scholar	Supervisor	First Seminar Completed
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Dr.Shalij P R

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



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KTU/RESEARCH/2021/00028

31.12.2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Dr VARUN MENON(KTU-F18116), Professor, COMPUTER SCIENCE & ENGINEERING, SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY is an approved Research Supervisor of this University from 08/10/2018. The Supervisorship is approved vide University Order No.U.O.No. 1902/2021/KTU Dated 04/10/2021

Details of Scholars Supervised/ being Supervised by Dr VARUN MENON(KTU-F18116) is as follows:

SI No:	Scholar Name	Place Of Research	Scholar Type	Type of Guideship	Status
1	BINU JOHN	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Student Comprehensive Completed
2	ASHA S	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Thesis Completed
3	SUSMI JACOB	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Thesis Completed
4	VINOJ P G	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Thesis Completed
5	ANANDHI V	SCMS SCHOOL OF ENGINEERING AND TECHNOLOGY	Part time scholar	Supervisor	Thesis Completed

<sup>\*</sup> This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.

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# **APJ Abdul Kalam Technological University**

CET Campus, Thiruvananthapuram - 695016

# **Comprehensive Examination Evaluation Report**

Name of the Scholar	MERIN MATHEW	
Registration Number	D-SCM2IJANOOI	
Discipline	CIVIL ENGINEERING AND ALLIED BRANCHES	[PH.D]
Name of Research Supervisor	DX. RATISH MENON	
Name of Research Co-Supervisor (if any)	NIL	
Name of the Place of Research (Affiliated College/University Department)	SCMS SCHOOL OF ENGINEERING AND	
Chairperson of the DC	Dr. MEERA V	
Name of Convener (Principal of the affiliated college/Academic Head of the University Department)	Dr. ANITHA G PILLAI	

	Comprehensive Examin	ation		
Written Examination :	I <sup>st</sup> Chance	2 <sup>nd</sup> Chance		
Date and time 08/05/2023 at 930 AM-12-30PM				
Marks awarded	In Figures: 65	In Figures :		
(Max. Marks: 100)	In Words: SIX FIVE	In Words :		
Status	PASS /FAIL: PASS	PASS/FAIL:		
Name(s) of Question	Dr. SUMI S, Assistant Professo	y,		
Paper Setter(s)	College of Engineering, Trivandro	m		
Name(s) of Answer	Dr. SUMIS, Assistant Professo	r		
Script Evaluator(s)	College of Engineering, Trivandr			
Oral Examination :	I <sup>st</sup> Chance	2 <sup>nd</sup> Chance		
Date and time	29/06/2023 at 9.30-10.45 AM			
Marks awarded	In Figures : 83	In Figures :		
(Max. Marks: 100)	In Words: EIGHT THREE	In Words :		
Status	PASS /FAIL: PASS	PASS/FAIL:		
Name(s) of examiners		Engineering Cusat		
for Oral Examination	1. Dr. Madhu G, School of Engineering, CUSAT 2. Dr. SUMI S, College of Engineering Trivandrum			

Signature of Convener of DC