



National Education Society (R), Shivamogga  
**Jawaharlal Nehru National College of Engineering, Shivamogga**  
 (Affiliated to VTU, Belagavi, Recognized by Govt. of Karnataka, Accredited by NAAC and Approved by AICTE, New Delhi)  
 Department of Electronics & Communication Engineering



**One Week Faculty Development Programme**  
 On  
**"Image Processing and its Research Challenges"**



# Certificate of Participation

This is to certify that Mr./Ms./Dr. SYED WASEEM TABRAIZ of ECE Department  
KSSEM - BANGALORE college has participated in One Week Faculty Development  
 Programme on "Image Processing and its Research Challenges" during 23 - 27 July 2018.

  
**Dr. Manjunatha P.**  
 Prof & Head  
 ECE Department  
 Organizing Chair - FDP  
 JNNCE, Shivamogga

  
**Dr. H.R. Mahadevaswamy**  
 Principal  
 JNNCE, Shivamogga



**RAMAIAH**  
INSTITUTE OF TECHNOLOGY

**IEEE**  
Bangalore Section



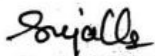
## RAMAIAH INSTITUTE OF TECHNOLOGY

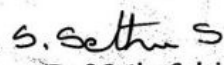
(Autonomous Institute, affiliated to Visvesvaraya Technological University)  
Bangalore 560054

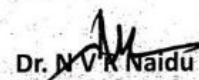
Departments of Telecommunication Engineering and Electronics & Communication Engineering  
One Week Faculty Development Programme  
(Technically Supported by IEEE Sensor Council, Bangalore Chapter,  
IETE Bangalore Centre and IMAPS India)

### Certificate of Participation

This is to certify that Dr./Mr./Ms. Gopalakrishna Murthy. C.R  
from Dept of ECE, K.S. School of Engineering & Management  
has participated in the one week Faculty Development Programme on "RF Circuits and Systems"  
Organised by Department of Telecommunication Engineering and Department of Electronics &  
Communication Engineering, Technically supported by IEEE Sensor Council, Bangalore Chapter, IETE  
Bangalore Centre and IMAPS India during 23<sup>rd</sup> to 28<sup>th</sup> July 2018.

  
Dr. B. K. Sujatha  
Professor & Head,  
Dept. of TCE, RIT

  
Dr. S. Sethu Selvi  
Professor & Head,  
Dept. of ECE, RIT

  
Dr. N. V. K. Naidu  
Principal  
RIT, Bangalore



**RAMAIAH**  
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Bangalore Section



## RAMAIAH INSTITUTE OF TECHNOLOGY

(Autonomous Institute, affiliated to Visvesvaraya Technological University)  
Bangalore 560054

Departments of Telecommunication Engineering and Electronics & Communication Engineering  
One Week Faculty Development Programme  
(Technically Supported by IEEE Sensor Council, Bangalore Chapter,  
IETE Bangalore Centre and IMAPS India)

### Certificate of Participation

This is to certify that Dr./Mr./Ms. Dinesh Kumar. D. S  
from Dept of ECE, K.S. School of Engineering & Management  
has participated in the one week Faculty Development Programme on "RF Circuits and Systems"  
Organised by Department of Telecommunication Engineering and Department of Electronics &  
Communication Engineering, Technically supported by IEEE Sensor Council, Bangalore Chapter, IETE  
Bangalore Centre and IMAPS India during 23<sup>rd</sup> to 28<sup>th</sup> July 2018.

*Sujatha*

Dr. B. K Sujatha  
Professor & Head,  
Dept. of TCE, RIT

*S. Sethu Selvi*

Dr. S Sethu Selvi  
Professor & Head,  
Dept. of ECE, RIT

*N. V. R. Naidu*  
Dr. N. V. R. Naidu  
Principal,  
RIT, Bangalore

॥ Jai Sri Gurudev ॥

Sri Adichunchanagiri Shikshana Trust @

## SJB Institute of Technology

(Affiliated to VTU, Approved by AICTE, New Delhi, Accredited by NAAC with 'A' Grade)  
No. 67, BGS Health & Education City, Dr. Vishnuvardhan Road, Kengeri, Bengaluru - 560 060. Karnataka, India.

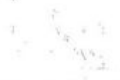
Department of Computer Science & Engineering

### Certificate


This is to certify that Mr/Mrs. RENUKA V TALI  
of KSSEM, BENGALURU.....has participated in  
Six Days Workshop on "Machine Learning" held from 9<sup>th</sup> - 14<sup>th</sup> July 2018, Organised by the Department of  
Computer Science & Engineering, SJB Institute of Technology, Bengaluru - 60.

  
Dr. Krishna A N  
HOD & Convener



  
Dr. Puttaraju  
Principal

  
Ethnotech Academic Solutions

  
Rev. Sri Sri Dr. Prakashnath Swamiji  
Managing Director



This is to certify that, Dr./Prof./Mr./Mrs. Shabri Sharan of  
ECE, KSSEM Bengaluru attended the workshop on "New Model  
Curriculum for First Year BE/B.Tech-CBCS Detailed Syllabus (2018-19) as per Outcome-Based  
Education (OBE) format including Course Outcomes (CO) and Bloom's Taxonomy" under  
TEQIP-1.3 for the course Basic Electronics under ECE/TCE  
Board held on 14/05/2018 at M. S. Ramaiah Institute of Technology  
organized by Visvesvaraya Technological University, Belagavi.

Regional Director

Registrar

Vice Chancellor



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
Visvesvaraya Technological University, Belagavi

### Certificate of Participation

This is to certify that, Dr./Prof. Mrs. Manu D. K. of  
K.SSEM, Bengaluru attended the workshop on "New Model  
Curriculum for First Year BE/B.Tech Detailed Syllabus (2018-19) as per Outcome-Based  
Education (OBE) format including Outcomes (CO) and Bloom's Taxonomy" under  
TEQIP-1.3 for the course... Basic Engineering under ECE/TC6  
Board held on 14/05/2018 at R.T.  
organized by Visvesvaraya Technological University, Belagavi.

Regional Director

Vice Chancellor



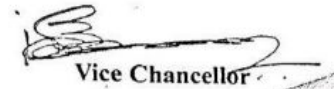
ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ  
Visvesvaraya Technological University, Belagavi

*Certificate of Participation*

This is to certify that, Dr./Prof./Mr./Mrs. Suresh .K. of  
K.S.S.E.M. Bengaluru attended the workshop on "New Model  
Curriculum for First Year BE/B.Tech-CBCS Detailed Syllabus (2018-19) as per Outcome-Based  
Education (OBE) format including Course Outcomes (CO) and Bloom's Taxonomy" under  
TEQIP-1.3 for the course Basic Electronics under ECE/TEE  
Board held on 14/05/2018 at M.S.R.T.T  
organized by Visvesvaraya Technological University, Belagavi.

  
Regional Director

  
Registrar

  
Vice Chancellor

  
Professor & Head

Bangalore-560 075



WAYANAMAC EDUCATION TRUST (R)

# DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysore Road, Bangalore - 560074



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

THREE DAY FACULTY DEVELOPMENT PROGRAM (FDP)

### *Certificate of Participation*

This is to certify that Mr./Ms. DINESH KUMAR D S  
 Of KSSEM, BANGLORE has attended The Three Day  
 FDP on "Computer Network Lab" organized by the Department Of Electronics & Communication Engineering,  
 Don Bosco Institute of Technology, Bengaluru, Karnataka During 8<sup>th</sup> - 10<sup>th</sup> January, 2018

**Professor & Head**  
 Dept. of Electronics & Communication Engineering  
 K.S. Group of Institutions  
 K.S. School of Engineering & Management  
 Bangalore-560 062.  
**Dr. RENGAPRABHU P**  
 Co-ordinator

**Dr. PRASHANTHA H S**  
 Head of the Department

**Dr. M MURALIDHARA RAO**  
 Principal

Dept. of Electronics & Communication Engineering  
 K.S. Group of Institutions  
 K.S. School of Engineering & Management  
 Bangalore-560 062.





WAYANAMAC EDUCATION TRUST (R)  
**DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalagodu, Mysore Road, Bangalore - 560074




**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

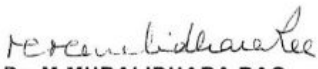
THREE DAY FACULTY DEVELOPMENT PROGRAM (FDP)

*Certificate of Participation*

This is to certify that Mr./Ms PRADEEP P.  
Of KSSEM, BANGALORE. has attended The Three Day  
FDP on "Computer Network Lab" organized by the Department Of Electronics & Communication Engineering,  
Don Bosco Institute of Technology, Bengaluru, Karnataka During 8<sup>th</sup> - 10<sup>th</sup> January, 2018

  
Dr. RENGAPRABHU P  
Co-ordinator

  
Dr. PRASHANTHA H S  
Head of the Department

  
Dr. M MURALIDHARA RAO  
Principal

Professor & Head  
Dept. of Electronics & Communication Engg  
& Group of Institutions  
Engineering & Management  
www.dbsi.edu



JSS MAHAVIDYAPEETHA, MYSURU  
**JSS ACADEMY OF TECHNICAL EDUCATION - BENGALURU**  
 (Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi)  
 Dr. Vishnuvardan road, Srinivasapura post, Bengaluru - 560060.  
[www.jssateb.ac.in](http://www.jssateb.ac.in)

## CERTIFICATE

This is to certify that

Dr./Mr./Mrs./Ms. Dushyantka N D  
 of K&SEM

has attended three days Faculty Development Programme on  
**EMBEDDED CONTROLLER LAB USING ARM CORTEX M3**

organized by the

Department of Electronics & Communication Engineering  
 JSSATE - Bengaluru conducted on 4th - 6th January, 2018.

Dr. H.S. JAYACHANDRA ARADIYA  
 CEO  
 Silicon Microsystems, Bengaluru

Dr. H.S. ARAVIND  
 HOD, ECE  
 JSSATE-Bengaluru

Dr. MRITYUNJAYA V. LATTE  
 Principal  
 JSSATE-Bengaluru

Professor & Head  
 Dept. of Electronics & Communication Engineering  
 K.S. Group of Institutions  
 K.S. School of Engineering & Management  
 Bangalore-560 062



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
**A T M E**  
College of Engineering



**CERTIFICATE**

This is to certify that Mr./Ms. Pradeep P of KSEEM, BENGALURU has participated and successfully completed the Three - Day Faculty Development Programme on "**ARM Cortex M3 Microcontrollers**", from 14<sup>th</sup> to 16<sup>th</sup> December 2017 organized by the Department of Electronics and Communication Engineering, ATMECE, Mysuru, in association with VTU - Belagavi, ALS Bengaluru and IETE - Mysuru.

  
Mr. Harish V. Mekali  
Technical Consultant  
ALS, Bengaluru

  
Dr. Mahesh P K  
HOD, Dept. of ECE.

  
Dr. L. Basavaraj  
Principal






**A T M E**  
College of Engineering



**CERTIFICATE**

This is to certify that Mr./Ms. CHETHAN SHARMA P of K.S.S.E.M., BENGALURU has participated and successfully completed the Three - Day Faculty Development Programme on "**ARM Cortex M3 Microcontrollers**", from 14<sup>th</sup> to 16<sup>th</sup> December 2017 organized by the Department of Electronics and Communication Engineering, ATMECE, Mysuru, in association with VTU - Belagavi, ALS Bengaluru and IETE - Mysuru.

  
Mr. Harish V. Mekali  
Technical Consultant  
ALS, Bengaluru

  
Dr. Mahesh P K  
HOD, Dept. of ECE.

  
Dr. L. Basavaraj  
Principal  
K.S. School of Engineering & Management  
Bengaluru-560082.  
In Association with

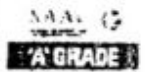




Moogambigai Charitable And Educational Trust  
**RAJARAJESWARI COLLEGE OF ENGINEERING**



(Affiliated to the VTU, Belagavi & Approved by AICTE, New Delhi)  
 #14, Ramohalli Cross, Kumbalagodu, Mysore Road, Bangalore-560074



**AICTE SPONSORED ONE WEEK HANDS-ON WORKSHOP ON  
 ADVANCES IN COMMUNICATION NETWORKS USING NETWORK SIMULATOR-NS3**

*Certificate*

This is to certify that Dr. Prof./Mr./Mrs./Ms. VIDHYA R. of

K.S.S.K.M., BANGALORE has participated in AICTE Sponsored

One Week Hands-on Workshop on Advances in Communication Networks using Network Simulator-NS3 organized

by the Dept. of Electronics and Communication Engineering during 11<sup>th</sup> to 16<sup>th</sup> December, 2017.

  
 Dr. Rangaiah L  
 Workshop Coordinator

  
 Dr. L. Swarna Jyothi  
 Co-Chairman

  
 Dr. R. Balakrishna  
 Chairman

  
 Professor & Head  
 Dept. of Electronics & Communication Engineering  
 K.S. Group of Institutions  
 K.S. School of Engineering & Management  
 Bangalore-560062.



CENTRE FOR CONTINUING EDUCATION  
INDIAN INSTITUTE OF SCIENCE  
BENGALURU - 560 012



## CERTIFICATE

This is to certify that

**VINAY R**

has participated in a short-term course on

**“Convex Optimization: Theory, Algorithms and Applications”**

under the **Quality Improvement Programme** of  
All India Council for Technical Education, New Delhi

during **11 -15 December, 2017** at this Centre.

Dr. Kunal N Chaudhury

**COURSE CO-ORDINATOR**

Prof. G Narayanan

**CHAIRMAN**



CENTRE FOR CONTINUING EDUCATION  
INDIAN INSTITUTE OF SCIENCE  
BENGALURU - 560 012



## CERTIFICATE

This is to certify that

**SANJAY BABURAO NAYAK**

has participated in a short-term course on

**“Convex Optimization: Theory, Algorithms and Applications”**

under the Quality Improvement Programme of  
All India Council for Technical Education, New Delhi

during 11 -15 December, 2017 at this Centre.

Dr. Kunal N Chaudhury  
COURSE CO-ORDINATOR

Prof. G Narayanan  
CHAIRMAN

Professor & Head  
Dept. of Electronics & Communication Engineering  
K.S. Group of Institutions  
K.S. School of Engineering & Management  
Bangalore - 560 012



CENTRE FOR CONTINUING EDUCATION  
INDIAN INSTITUTE OF SCIENCE  
BENGALURU - 560 012



## CERTIFICATE

This is to certify that


**PUNEETH S**

has participated in a short-term course on


**"Convex Optimization: Theory, Algorithms and Applications"**

under the **Quality Improvement Programme** of  
All India Council for Technical Education, New Delhi

during **11 -15 December, 2017** at this Centre.

  
Dr. Kunal N Chaudhury  
COURSE CO-ORDINATOR

Prof. G Narayanan  
CHAIRMAN

Dept. of Electronics & Communication Engineering  
K.J.Somaiya Group of Institutions  
K.S. Somaiya Institute of Engineering & Information Technology  
Bangalore-560 012  






CENTRE FOR CONTINUING EDUCATION  
INDIAN INSTITUTE OF SCIENCE  
BENGALURU - 560 012



## CERTIFICATE

This is to certify that

**RAVIKIRAN B A**

has participated in a short-term course on

**"Convex Optimization: Theory, Algorithms and Applications"**

under the **Quality Improvement Programme** of  
All India Council for Technical Education, New Delhi

during **11 -15 December, 2017** at this Centre.

Dr. Kunal N Chandhury  
COURSE CO-ORDINATOR

Prof. G Narayanan  
CHAIRMAN

Professor & Head  
Dept. of Electronics & Communication Engineering  
K. J. Somaiya Group of Institutions  
School of Engineering & Management  
Bangalore-560 082