

CERTIFICATE

This is to certify

Dr. Farooq Ahmad Khanday, Assistant Professor
of UNIVERSITY OF KASHMIR, SRI NAGAR (J & K)

For imparting his valuable insight and inspiration to the M.Sc. students on the occasion of inauguration of "INDUSTRIAL / INTERNSHIP TRAINING: NETWORK & CYBER SECURITY (4 Weeks)" at ALTTC Ghaziabad as a resource person.

Dated 07/03/2018

Connecting India



M K Seth, ITS (Sanchar Ratna)
Chief General Manager



Indian Institute of Technology
Roorkee



Ministry of Human Resource Development
Government of India



सत्यमेव जयते

GLOBAL INITIATIVE FOR ACADEMIC NETWORKS

Certificate of Participation

This is to certify that **Dr. Farooq Ahmad Khanday**, Assistant Professor, Dept. of
Electronics and Inst. Tech., University of Kashmir participated in the course

LOGIC DESIGN UNDER PARADIGM OF REBOOTING COMPUTING

December 25 – December 29, 2017

Himanshu

International Expert
Dr. Himanshu Thapliyal
Dept. of Electrical and Computer Engg.
University of Kentucky, USA

Brajesh

Course Coordinator
Dr. Brajesh Kumar Kaushik
Dept. of Electronics and Communication Engg.
Indian Institute of Technology Roorkee



Indian Institute of Technology
Roorkee



Ministry of Human Resource Development
Government of India



सत्यमेव जयते

GLOBAL INITIATIVE FOR ACADEMIC NETWORKS

Certificate of Participation

This is to certify that **Dr. Farooq Ahmad Khanday**, Assistant Professor, Deptt. of Electronics and Inst.Tech., University of Kashmir participated in the course

INTRODUCTION TO SPINTRONICS

December 18 – December 22, 2017



International Expert

Prof. Supriyo Bandyopadhyay
Dept. of Electrical and Computer Engg.
Virginia Commonwealth University, USA



Course Coordinator

Dr. Brajesh Kumar Kaushik
Dept. of Electronics and Communication Engg.
Indian Institute of Technology Roorkee



SRI VENKATESHWARA GROUP OF INSTITUTIONS

Sri Venkateshwara College of Engineering

(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi) An ISO9001 : 2008 Certified Institution
Vidyanagar, Kampegowda International Airport Road, Bengaluru - 562 157

2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (ATEICT-2016)

Organized by Department of Electronics & Communication Engineering

PRESENTATION CERTIFICATE

This is to certify that Dr./Prof./Mr./Mrs./Miss. **F. A. KHANDEL**,

of **UNIVERSITY OF KASHMIR, Srinagar**, has Presented the Paper entitled **Analog Implementation of TDMA Single-Cell Architecture using Sdk-Domain Computing Technique** in the

2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (ATEICT-2016) held on 20-21 May 2016, organized by Department of Electronics & Communication Engineering, SVCE, in association with IEEE Bangalore Section and COM Chapter, Karnataka, India.


Dr. R. Bhaskaravathnam

TPG-Char, Principal Research Scientist
Dept. of CDS, IISc, Bangalore


Dr. Srinivas Talagatola

IEEE ComSoc,
Bangalore Chapter-Secretary, IISc, Bangalore


Dr. Shivaramu

General Co-Chair
HoD, Dept. of E&CE, SVCE, Bangalore


Dr. C. Prabhakar Reddy

General Chair
Principal, SVCE, Bangalore



IEEE
COMMUNICATIONS
SOCIETY



SRI VENKATESHWARA GROUP OF INSTITUTIONS

Sri Venkateshwara College of Engineering

(Affiliated to VTU, Belagavi and Approved by AICTE, New Delhi) An ISO9001 : 2008 Certified Institution
Vidyanagar, Kempegowda International Airport Road, Bengaluru - 562 157

**2016 IEEE International Conference on Recent Trends in Electronics,
Information & Communication Technology (RTEICT-2016)**

Organized by Department of Electronics & Communication Engineering

PRESENTATION CERTIFICATE

This is to certify that **Dr./Prof./Mr./Mrs./Miss. FAROOQ A. KHANAOY**.....
of **UNIVERSITY OF KASHMIR, Srinagar**.....has Presented the Paper entitled **FRACTIONAL -
ORDER FILTER DESIGN FOR ULTRA LOW FREQUENCY APPLICATIONS**..... in the
"2016 IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology
(RTEICT-2016)" held on 20-21 May 2016, organized by Department of Electronics & Communication Engineering,
SVCE, in association with IEEE, Bangalore Section and COM Chapter, Karnataka, India.


Dr. R. Bhakthavatsalam

TPC-Chair, Principal Research Scientist
Dept. of CDS, IISc, Bengaluru


Dr. Srinivas Talabattula

IEEE ComSoc,
Bengaluru Chapter-Secretary, IISc, Bengaluru


Dr. Shivaram

General Co-Chair
HoD, Dept. of E&CE, SVCE, Bengaluru


Dr. C. Prabhakar Reddy

General Chair
Principal, SVCE, Bengaluru



PGC

**3rd International Conference on
Electrical, Electronics, Engineering Trends, Communication,
Optimization and Sciences (EEECOS/E³COS)-2016**

Certificate

This is to certify that Dr. | Mr. | Mrs. | Miss Farooq Ahmad Khanday has presented the paper:
**Design of Fractional-order Multiphase Sinusoidal Oscillators in 3rd International
Conference on Electrical, Electronics, Engineering Trends, Communication and Sciences
(EEECOS/E³COS)-2016 organized by SASI Institute of Technology & Engineering, Tadepalligudem,
West Godavari District, Andhra Pradesh, India, during 1st to 2nd, June 2016.**

Dr. Siva Ganesh Malla
Conference Chair

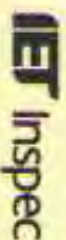


CERTIFICATE



**3rd International Conference on Electrical, Electronics, Engineering Trends,
Communication, Optimization and Sciences (EEECOS/E³COS)-2016**

*This is to certify that Dr. / Mr. / Mrs./ Miss **Farooq Ahmad Khanday** has published
the paper: **Design of Fractional-order Multiphase Sinusoidal Oscillators**
in 3rd International Conference on Electrical, Electronics, Engineering Trends, Communication,
Optimization and Sciences (EEECOS/E³COS)-2016 organized by SASI Institute of
Technology & Engineering, Tadepalligudem, West Godavari District, Andhra Pradesh,
India, during 1st to 2nd, June 2016.*



Dr. Siva Ganesh Malla
Conference Chair

UNIVERSITY GRANTS COMMISSION
Human Resource Development Centre (HRDC)
Jadavpur University
Kolkata



UGC Sponsored Refresher Course

This is to certify that.....*Farooq Ahmad Khanday*.....
(Name of the Participant)

.....*Assistant Professor*.....*University of Kashmir*.....
(Designation) (College / University)

.....*Srinagar*.....affiliated to *University of Kashmir*.....University
(Place)

has participated in the Refresher Course in the subject *VLSI Design*.....

and Nanotechnology : Issues and Challenges.....

from *28/11/2016*.....to *17/12/2016*.....and obtained Grade *A*.....

Director

Subir Kumar Sarkar

Coordinator

Vice-Chancellor / Registrar

Date: *17/12/2016*

Coimbatore | Tamil Nadu | India

22 - 24, February 2017 | www.icgect.com

Dept. of Electronics and Instrumentation Technology
University of Kashmir, Hazratbal Srinagar, INDIA

2100000

June

SVS College of Engineering



Planning A/E/C, Atlanta's Area Environmental Council, at 678-9001 • 2018 Contract Awarded by MAAC
Atmospheric Combustion, Tamil Nadu, India – 662-100 | www.pwec.edu.in

BHARAT SANCHAR NIGAM LIMITED



(A Govt. of India Enterprise)

Certificate of Appreciation

This certificate is awarded to

Dr. Farooq Ahmad Khanday

(Assistant Professor, Deptt. of Electronics & IT, University of Kashmir, Hazratbal Srinagar)
for imparting his valuable insight and inspiration to the M.Sc. students on the occasion of inauguration of '4 week vocational training' batch under Training Programme of University of Kashmir at RTTC Rajpura (Punjab) as a resource person.



Principal

RTTC Rajpura

CERTIFICATE

The Islamia College of Science & Commerce

College Road, Hawal, Srinagar, J&K.
www.islamiacollege.edu.in



CERTIFICATE

This is to certify that

Dr. Farooq Ahmad Khanday (Asstt. Professor),

Deptt. of Electronics & Instrumentation Technology, University of Kashmir,

delivered a lecture as Resource Person in technical session(II)

on 28th March, 2014, in the One Week UGC Sponsored

Faculty Development Workshop on

"ICT & e-Learning in Higher Education"

Organized by
Department of Computer Applications

Workshop Coordinator

Chief Coordinator /Principal



INUP Familiarization Workshop on "Nanofabrication Technologies"



Certificate of Participation

This is to certify that **Dr. Farooq Ahmad Khanday** of **University of Kashmir, J&K**, has participated in **INUP Familiarization Workshop on Nanofabrication Technologies** conducted in Centre for Nano Science and Engineering, Indian Institute of Science, Bangalore, during 29th October -31st October 2012.

A handwritten signature in blue ink, likely belonging to the Chief Investigator.

Chief Investigator

Indian Nanoelectronics Users Program,

IISc Bangalore

A handwritten signature in blue ink, likely belonging to the Chairman of the Centre for Nano Science and Engineering.

Chairman

Centre for Nano Science and Engineering

IISc Bangalore

0402

8th J&K Science Congress 2012

On

"Science, Technology & Regional Development: Opportunities & Challenges"
(University of Kashmir, J&K State Council for S&T and DST, GOI)



This document certifies that

Farooq A. Khandoz from Dept. of Electronics, K.U.

Participated and made an ORAL / ~~PRESENTATION~~ Presentation in the 8th J&K Science Congress held at
University of Kashmir, Srinagar from 17th to 19th September 2012.


Dr. Fayaz Ahmad
Co-Convenor


Prof. M Afzal Zargar
Convenor


Prof. Talat Ahmad
Patron



11th JK Science Congress 2015

“Scientific, Social & Economic Dimensions of Climate Change”

UNIVERSITY OF KASHMIR



Certificate



This is to certify that Dr. Farooq Ahmad Khanday, Dept. of Electronics & IT, Kashmir University attended and presented a paper in the 11th JK Science Congress conducted from

October 12-14, 2015 organized by University of Kashmir, sponsored by
J&K State Science, Technology & Innovation Council and DST, GOI.

Prof. Irshad A. Nawchoo
I/C Registration

Prof. Fayaz Ahmad
Co-Convenor

Prof. Sheikh Javid Ahmed
Convenor, Science Congress



**Ninth JK Science Congress 2013 &
Regional Science Congress**

Innovations and Advances in Science and Technology

Certificate
Oral Presenter

FAROOQ AHMAD KHANQAY

participated and made Oral Presentation in the
**Ninth JK Science Congress, 2013 and
Regional Science Congress held at University of Kashmir
from October 1 - 3, 2013**

Unfairif.
Prof. Khalid M. Farooq
Convener

Unfairif.
Prof. Farooq Ahmad
Convener

Unfairif.
Prof. Dr. A. Khawar
Convener

Unfairif.
Prof. Dr. A. Khawar
Convener

Unfairif.
Prof. Farooq Ahmad
Patron

UGC-ASC/KU/GOC 57/12/17
Dated: 10-March, 2012

UGC- ACADEMIC STAFF COLLEGE

University of Kashmir

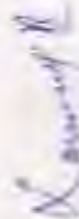
NAAC Accredited Grade "A"



Hazratbal, Srinagar

Certificate

This is to certify that MR. FAROOQ AHMAD KHANDAY Assistant Professor, Department of Electronics & Instrumentation Technology, University of Kashmir, Srinagar participated in the four week UGC sponsored 57th General Orientation Course organized from 09-02-2012 to 10-03-2012 and obtained Grade (A)
Sessions Conducted: 96 (Ninety Six) Sessions Attended: 92 (Ninety Two)


Director


Vice-Chancellor

UNIVERSITY GRANTS COMMISSION

UGC - ACADEMIC STAFF COLLEGE

JADAVPUR UNIVERSITY



UGC SPONSORED REFRESHER COURSE

This is to certify that

Farooq Ahmad Khansay
(NAME OF PARTICIPANT)

Assistant Professor
(DESIGNATION)

University of Kashmir, Hazratbal, Srinagar, Jammu and Kashmir
(COLLEGE / UNIVERSITY) (PLACE)

participated in the 'Refresher Course in the subject.....

Nano Devices and Low Power VLSI Design

..... from *11th Dec, 2013* to *2nd Jan, 2014*

and obtained grade....*A*.....

[Signature]
Course Coordinator(s)

Date : 02.01.2014

[Signature]
Director

[Signature]
Vice-Chancellor/Registrar

UNIVERSITY GRANTS COMMISSION

Human Resource Development Centre (HRDC)

Jadavpur University
Kolkata



UGC Sponsored Refresher Course

This is to certify that Farooq Ahmad Khondaj
(Name of the Participant)

..... Assistant Professor University of Kashmir
(Designation) (College / University)

..... Srinagar affiliated to University of Kashmir University,
(Place)

has participated in the Refresher Course in the subject VLSI Design

and Nanotechnology : Issues and Challenges

from 28/11/2016 to 17/12/2016 and obtained Grade A

Director

Subir Kumar Sarkar

Coordinator

Vice-Chancellor / Registrar

Date: 17/12/2016



ALIGARH MUSLIM UNIVERSITY

Allgarh



C E R T I F I C A T E

This is to certify that Prof./Dr./Mr./Mrs./Ms. Shabir Ahmad Parah of

Kashmir University has presented his/her technical paper titled

On the realization of a spatial domain data hiding technique based on

Intermediate Significant Bit Plane Embedding (ISBPE) and Post

Embedding Pixel Adjustment (PEPA) at the

International Conference on Multimedia, Signal Processing And Communication Technologies (IMPACT 2013)

held from 23rd to 25th of November, 2013.

Organised by: Department of Electronics Engineering

by

PROF. M. SALIM BEG

Chairman, Deptt. of Electronics Engg.

General Chair, IMPACT 2013

PROF. EKRAM KHAN

Conference Chair, IMPACT 2013



UGC - Academic Staff College



ज्ञान - विज्ञानं विमुक्तये



No/ASC/61st GOC/18
Dated: 28-03-2013

University of Kashmir

NAAC Accredited Grade "A"

Hazratbal, Srinagar

Certificate

This is to certify that Mr. Shabir Ahmad Parah, Assistant Professor, PG Department of Electronics and Instrumentation Technology, University of Kashmir, Srinagar participated in the four week UGC sponsored 61st General Orientation Course organized from 02nd March, 2013 to 28th March, 2013 and obtained Grade (A).

Sessions Conducted: 96 (Ninety Six)

Sessions Attended: 96 (Ninety Six)


Director


Vice-Chancellor





Department of Electronics Engineering
Aligarh Muslim University

CERTIFICATE

This is to certify that Mr./Ms. SHABIR AHMAD PARAH, Assistant Professor _____
from P.G. Dept. of Electronics & Instrumentation Technology, University of Kashmir, Srinagar
has successfully completed the **TWO WEEKS TRAINING PROGRAMME** in
Recent Trends in VLSI Design and Embedded Systems (VDES-2012)
from 23rd January to 4th of February, 2012

organized by the Department of Electronics Engineering, AMU, Aligarh


Prof. M. Hasan
Co-Coordinator VDES-2012
Dept. of Electronics Engg. AMU


Prof. M. A. Siddiqi
Coordinator
Dept. of Electronics Engg. AMU



Department of Electronics Engineering
Aligarh Muslim University

CERTIFICATE

This is to certify that Mr./Ms. SHABIR AHMAD PARAH, Assistant Professor _____
from P.G. Dept. of Electronics & Instrumentation Technology, University of Kashmir, Srinagar
has successfully completed the **TWO WEEKS TRAINING PROGRAMME** in
Recent Trends in Digital Signal Processing (DSP-2012)
from 6th to 18th of February, 2012

organized by the Department of Electronics Engineering, AMU, Aligarh

2A Abbasi
Prof. Z. A. Abbasi
Co-Coordinator DSP-2012
Dept. of Electronics Engg. AMU

[Signature]
Prof. M. A. Siddiqi
Coordinator
Dept. of Electronics Engg. AMU

8th J&K Science Congress 2012

0387

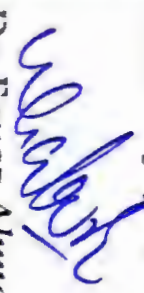
On
"Science, Technology & Regional Development: Opportunities & Challenges"
(University of Kashmir, J&K State Council for S&T and DST, GOI)

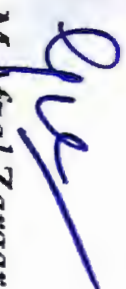


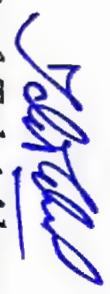
This document certifies that

Shabir A. Patah from Dept. of Electronics, K.U,

Participated and made an ORAL ~~PRESENTATION~~ Presentation in the 8th J&K Science Congress held at
University of Kashmir, Srinagar from 17th to 19th September 2012.


Dr. Fayaz Ahmad
Co-Convenor


Prof. M Afzal Zargar
Convenor


Prof. Talat Ahmad
Patron



Ninth JK Science Congress 2013 &
Regional Science Congress
Innovations and Advances in Science and Technology

Certificate
Oral Presenter

SHABIR AHMAD PARRAH

participated and made Oral Presentation in the
Ninth JK Science Congress, 2013 and
Regional Science Congress held at University of Kashmir
from October 1 - 3, 2013

Unfair
Prof. Ghulam Ali Gani
Convener

Shabir
Prof. Syed Ahmad
Convener

Shabir
Prof. Dr. A. Ghosh
Convener

Shabir
Prof. Dr. B. Anwar
Convener

Shabir
Prof. Qasim Ahmad
Patron



J.J. COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Accredited by NBA, New Delhi & Affiliated to Anna University)
AMMAPETTAI, TIRUCHIRAPPALLI, TAMIL NADU, INDIA.



INTERNATIONAL CONFERENCE ON EMERGING TRENDS IN SCIENCE, ENGINEERING AND TECHNOLOGY

(Recent Advancements on Science and Engineering Innovation)

In association with



Certificate of Paper Presentation

This Certificate is to appreciate Dr./Prof./Mr./Mrs. **SHABIR AHMED PARAH**

University of Kashmir, Srinagar

..... has presented her / his paper titled
"Data hiding in Intermediate significant Bit planes – A high capacity Blind

Steganographic Technique "

in the International Conference INCOSSET - 2012, held on 13th & 14th December 2012.



Theme Organizer

Shabir

Organizing Secretaries

Coorlhm *Shabir*

Conference Chair and Principal

Dr. S. Sathiyamoorthy

Paper entitled
**FRAGILITY EVALUATION OF INTERMED-
-STATE SIGNIFICANT BN EMBEDDING BASED DIG-
-ITAL IMAGE WATER MARKING SCHEME FOR CONTENT**
Presented by

Dr./Prof./Mr./Mrs. **SHARAD A. PARAH**

Co-authored by **JAYAD A. SHEKH,**

G. M. BHAT.

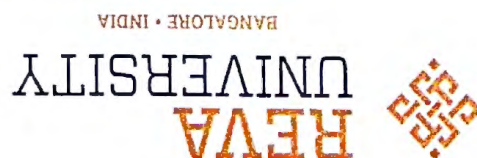
is selected as "Best Paper for the Session "

**DIGITAL IMAGE PROCESSING AND ITS
APPLICATIONS**
at the Conference organised by REVA University.

General Chair
Dr. Sunil Kumar S. Manvi

General Chair
Dr. Rajashekar C. Bivadar

Dean, Faculty of Engineering & Technology
Dr. N. Rana Pratap Reddy



Certificate of Participation

2014 INTERNATIONAL CONFERENCE ON
ADVANCES IN ELECTRONICS, COMPUTERS
AND COMMUNICATIONS (ICAECG)

October 10 - 11, 2014

This Certificate is awarded to

Dr./Prof./Mr./Ms. SHABIR A. PARAH

of UNIVERSITY OF KASHMIR, SRINAGAR, INDIA

for attending & presenting a paper entitled

FRAGILITY EVALUATION OF INTERMEDIATE SIGNIFICANT

BIT EMBEDDING (ISBE) BASED DIGITAL IMAGE WATERMARKING
SCHEME FOR CONTENT

co-authored by

JAVAID A. SHEIKH, G.M. BHAT

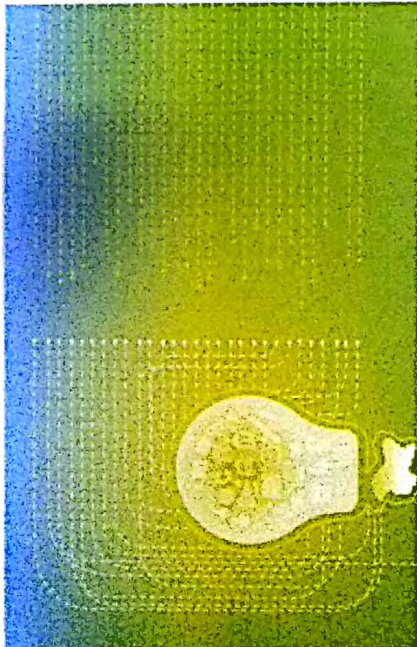
at the conference organised by REVA

University.

Dr. Sunil Kumar S. Manvi
General Chair

Dr. N. Rana Pratap Reddy
Dean, Faculty of Engineering & Technology

Dr. Rajashekar C. Biradar
General Chair



12th Session
J&K SCIENCE CONGRESS
2018

Certificate
of appreciation

This is to honour
Dr. Shabir A. Parah (Department of Electronics, UoK)

for his/her contribution to the successful organization of **"13th Session of Jammu and Kashmir Science Congress**

(JKSC-2018) organized from **2nd to 4th April, 2018** by University of Kashmir in collaboration with the

Jammu and Kashmir State Science, Technology, and Innovation Council. He/She

..... served as a member of "Registration" committee


Dr. M. Tariq Baiday
Organizing Secretary


Prof. Zafar A. Reshi
Convener


Prof. Khurshid I. Andrabi
Vice-Chancellor



Department of Electronics and Instrumentation Technology
University of Kashmir

COMMUNE
2015

Certificate

This is to certify that Prof./Dr./Mr./Ms. Dr. Shabir Ahmad Parah

participated in the "2015 International Conference on Advances in Computers, Communication and Electronic Engineering" (COMMUNE-2015) organized from 16-18 March, 2015 by the Post Graduate Department of

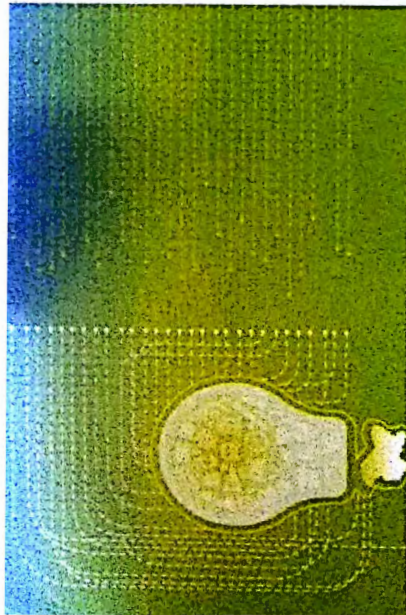
Electronics and Instrumentation Technology, University of Kashmir.

He/She chaired/presented a session/paper titled

Technical Session - 13: COMMUNE-2015 (C8)

Mohi
Prof. G. Mohiuddin Bhat
Convener

Dr. M. Tariq Banderay
Dr. M. Tariq Banderay
Organizer



12th Session J&K SCIENCE CONGRESS 2018

Certificate

This is to certify that Prof./Dr./Mr./Ms.
Shabir Ahmad Parah (Department of Electronics, UoK)

participated in the **"13th Session of Jammu and Kashmir Science Congress (JKSC-2018)**

organized from **2nd to 4th April, 2018** by University of Kashmir in collaboration with the

Jammu and Kashmir State Science, Technology, and Innovation Council.

He/She chaired a session/presented a paper titled

High Capacity Watermarking Technique for Authentication of Medical Images


Prof. Zafar A. Reshi
Convener


Dr. M. Tariq Bandy
Organizing Secretary



PDPM
Indian Institute of Information Technology Design and Manufacturing
Jabalpur, India

Celebrating a decade of the institute



Certificate of Participation


This is to certify that


Mr./Ms. Dr. SHABIR AHMAD PARAH
from KASHMIR UNIVERSITY

has successfully participated in the Workshop on
'MIC Components for

Next Generation Wireless Communication Systems'
held during February 13 to 15, 2015.

MICW 2015


Dr. Dinesh K. Vishwakarma
Co-ordinator


Dr. Manoj S. Parihar
Co-ordinator


Dr. Biswajeet Mukherjee
Co-ordinator



J&K 13th Session SCIENCE CONGRESS

*Certificate
of appreciation*


This is to honour Dr. Shabir Ahmad Parah (Department of Electronics)

for his/her contribution to the successful organization of "13th Session of Jammu and Kashmir Science Congress


(JKSCC-2018) organized from 2nd to 4th April, 2018 by University of Kashmir in collaboration with the

Jammu and Kashmir State Science, Technology, and Innovation Council. He/She

served as Chairperson


Dr. M. Tahir Baidar
Organizing Secretary


Prof. Zafar A. Reshi
Convener


Prof. Khurshid I. Andrabi
Vice-Chancellor