



ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ(ಒ.), ಶಿವಮೊಗ್ಗ

NATIONAL EDUCATION SOCIETY(R.), SHIVAMOGGA.

Jawaharlal Nehru National College of Engineering, Shivamogga

(Approved by A.I.C.T.E., and Affiliated to Visvesvaraya Technological University)

ಜವಾಹರ್‌ಲಾಲ್ ನೆಹರು ರಾಷ್ಟ್ರೀಯ ತಾಂತ್ರಿಕ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ, ಶಿವಮೊಗ್ಗ.

(ಎ.ಎ.ಸಿ.ಟಿ.ಇ. ಯಿಂದ ಅನುಮೋದನೆ ಪಡೆದಿದೆ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯ ತಾಂತ್ರಿಕ ಮತ್ತು ವಿಶ್ವವಿದ್ಯಾಲಯದ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)

Ref. No.: JNNCE/

Date : 4th Jun 2019


To,

Prof. Pratap Singh K Desai
President
ISTE
New Delhi.

Dear Sir,

Subject: Request to ISTE to associate for National Level Workshop

We are conducting two weeks National Level Workshop on "Recent trends in Multimedia Processing and Wireless sensor Networks" from July 15th to July 27th of 2019. The workshop is organized by Department of ECE, JNNCE, Shimoga, Karnataka. In this regard, we kindly request you to associate ISTE with our national Level Workshop and do the needful.


(Dr. H R Mahadevaswamy)
Principal
Jawaharlal Nehru National College
of Engineering, Shivamogga.

Encl: Draft Brochure

ಸಪ್ತಲ, ಶಿವಮೊಗ್ಗ - 577 204, ಕರ್ನಾಟಕ

Navule, Shivamogga - 577 204, Karnataka

E - mail : Principal@jnnce.ac.in Website : www.jnnce.ac.in

☎ : 08182 - 276707 / 08 / 09, Fax : 08182 - 222450

National education Society (R)
Jawaharlal Nehru National College of Engineering, Shivamogga
Internal Quality Assurance Cell

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Event Report

Department of Electronics and Communication Engineering

Name of the Event	Two weeks National level Workshop on "Recent Trends in Multimedia processing and Wireless Sensor Networks"
Date of the event and venue	15 th July 2019 to 27 th July 2019, Sir M.V.Seminar hall, JNNCE, Shivamogga.
Type of the Event & Event Count	Workshop(Faculty Development program) Event count: 1
Whether the event is organized in association with any institute / research organization / industry / professional society/ JNNCE Dept. (in case of inter-departmental event)	Event is organized in association with Indian Society for Technical Education (ISTE) Institute of Electronics and Telecommunication Engineers.
Details of the funding received from associating partners	
Beneficiaries	Faculty of Engineering Colleges
Detailed schedule with the topics covered	Enclosed as an Annexure – 1
List of Speakers / guests	Enclose the List of Speakers / guests with their complete address, email & contact number as Annexure – 2
Brief Report of the event (not exceeding 1000 words)	Enclosed as an Annexure – 3
Outcome of the event	Participants of the Workshop got the insight into the Advanced Multimedia Processing techniques, Research Trends in Speech Processing, Wireless Sensor Networks
Photos (Max. 5) (with date and time)	Enclosed as Annexure – 4
Invitation of Inaugural & Valedictory programme/ Event Brochure / Press Clippings	Enclosed as Annexure - 5

Date of Submission of the Report	19-08-2019
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Signature with date

Event Coordinator

Dept. IQAC Coordinator

HOD

Annexure – 1
Schedule for Two Weeks National Level Workshop on

“Recent trends in Multimedia processing and Wireless Sensor Networks”

Day and Date	9.45 AM to 11.15 AM		11.30AM-1.30 PM		2.30 PM - 3.45 PM		4.00 PM to 5.15 PM
15-07-2019 Monday	Inauguration		Introduction to Multimedia Processing and Networks Cognitive Computing Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore		CNN for Multimedia Applications Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore		CNN for Multimedia Applications Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore
16-07-2019 Tuesday	Cognitive Computing using CPU,GPU,FPGA Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore	TEA BREAK	Cognitive Computing using CPU,GPU,FPGA Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore	LUNCH BREAK	Innovative algorithms for Computer Vision,Bots Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore	TEA BREAK	Innovative algorithms for Computer Vision,Bots Dr.Jayakumar Singaram Founder and Tech lead,RINANU semiconductors LLP,Bangalore
17-07-2019 Wednesday	Video Compression Principles and Standards Video Coding Fundamentals H.261, H.263 Dr.H R Mahadevaswamy Principal JNNCE,Shimoga		Image Compression B.S.Ujwala Asst.Professor Dept. of E & C JNNCE		Basics of Wireless Sensor Networks Dr.Shreedhar A Joshi,Professor, ECE Dept, SDMCET,Dharwad		Basics of Wireless Sensor Networks Dr.Shreedhar A Joshi,Professor, ECE Dept, SDMCET,Dharwad
18-07-2019 Thursday	Applications and research areas in WSN Dr.Shreedhar A Joshi,Professor,SDMCET ,Dharwad		Applications and research areas in WSN Dr.Shreedhar A Joshi,Professor,SDMCET ,Dharwad		Wireless Sensor Networks Dr.P Manjunatha HOD,E & C Dept. JNNCE		Wireless Sensor Networks(Hands on) Dr.P Manjunatha HOD,E & C Dept. JNNCE

19-07-2019 Friday	Introduction to Speech processing Dr.H.S Jayanna Prof. & HOD,ISE SIT Tumkur		Multimodal person authentication Dr.H.S Jayanna Prof. & HOD,ISE SIT Tumkur		Continuous speech recognition-Cognitive science application Dr.H.S Jayanna Prof. & HOD,ISE SIT Tumkur		Real time applications of speech (Project implementation) Dr.H.S Jayanna Prof. & HOD,ISE SIT Tumkur
20-07-2019 Saturday	Car/Automotive Multimedia systems Mr.Murali Bangalore		Entertainment system (Audio/Video) Application system Mr.Murali Bangalore		Infotainment system Android Automotive system Intelligent Parking Assist System (IPAS) Mr.Murali Bangalore		No session
22-07-2019 Monday	Analysis of Pathological voices by Speech processing Dr.Veena Karjigi, SIT, Tumkur		Improving the intelligibility of disordered speech Dr.Veena Karjigi, SIT, Tumkur		Application of Machine learning for pathological speech signals Dr.Veena Karjigi, SIT, Tumkur		Lab session
23-07-2019 Tuesday	Audio, Video Content Calculations HDTV Formats Dr.H R Mahadevaswamy Principal JNNCE,Shimoga		Video text reader(Recognition of overlay text in videos) Mr.Rajath Bangalore		Face Recognition Mr.Rajath Bangalore		Interactive Multimedia applications Mr.Rajath Bangalore
24-07-2019 Wednesday	Multi Media Delivery Modulation For Broadcast purpose Standards in Multi Media Technology and Introduction to STB Dr.H R Mahadevaswamy Principal		Interactive Multimedia applications Mr.Rajath Bangalore		Recent Trends in IOT Mr. Srinidhi, Bangalore		Recent Trends in IOT Mr. Srinidhi, Bangalore
25-07-2019 Thursday	Introduction to Block Chains Mr.Raghavendra M ,Research Scholar NITK ,Surathkal		Introduction to Block Chains Mr.Raghavendra M , Research Scholar NITK ,Surathkal		Basics of Block Chains Mr.Raghavendra M , Research Scholar NITK ,Surathkal		Basics of Block Chains Mr.Raghavendra M , Research Scholar NITK ,Surathkal

26-07-2019 Friday	Applications of Block Chains Mr.Raghavendra M , NITK ,Surathkal		IPFS and Hands on Mr.Raghavendra M, NITK,Surathkal		IPFS and Hands on Mr.Raghavendra M, NITK ,Surathkal		IPFS and Hands on Mr.Raghavendra M NITK,Surathkal
27-07-2019 Saturday	Signals /systems and need for processing the signals for different applications Dr.Panduranga Rao N kulkarni Prof. & HOD,ECE BEC,Bagalkot		Introduction to speech production/reception system, phonetics, and applications of speech signal processing. Dr.Panduranga Rao N kulkarni		Speech signal processing for hearing aid applications. Dr.Panduranga Rao N kulkarni Prof. & HOD,ECE BEC,Bagalkot		Valedictory

Annexure – 2

List of speakers/Guest

Sl.No.	Resource Persons Name	Address	Email id	Phone number
1.	Dr.Jayakumar Singaram	RINANU Semiconductors,LLP Bangalore	jk@mullivaikal.in	9845290024
2	Dr.Sreedhar A Joshi	Professor,E & C Dept. SDMCET,Dharwad	shreedhar.joshi912@gmail.com	8073490120
3	Dr. H.S. Jayanna	Professor,and Head ISE Dept.SIT,Tumkur	jayannahs@sit.ac.in	9481556611
4	Mr.Muralidhar K	Software Engineer Bangalore	muralidhar22397@gmail.com	9980005872
5	Dr. Veena Karjigi	Professor,E & C Dept. SIT,Tumkur	veena.karjigi@gmail.com	9481489700
6	Dr.Manjunatha P	Professor,and Head ECE Dept. JNNCE,Shivamogga	manjunath_p@jnnce.ac.in	9964378365
7	Ujwala B.S	Asst.Professor ECE Dept. JNNCE,Shivamogga	ujwalaravi2004@jnnce.ac.in	9886537121
8	Mr.Rajath K.S	Software Engineer Bangalore	rajath1383@gmail.com	9535335835
9	Mr.Srinidhi N N	Research Scholar UVCE,Bangalore	srinidhinagesh@gmail.com	9481649593
10	Mr.Raghavendra M	Research Scholat NITK,Surathkal	raghavendramrgp@gmail.com	8867305448
11	Dr.H R Mahadevaswamy	Principal JNNCE,Shivamogga	principal@jnnce.ac.in	7899478990

Workshop Report

Department of Electronics and Communication organized Two Weeks National Level Workshop on **“Recent Trends in Multimedia Processing and Wireless Sensor Networks”**. Dr. P Manjunatha HOD, ECE Dept. was the Organizing Chair of the Workshop. Mrs. Ujwala B.S, Asst.Professor, Dept. of ECE, JNNCE, Mrs.Nalina S B, Asst.Professor, Dept. of ECE, JNNCE, Mr.Harish T.S, Asst.Professor, Dept. of ECE were the Conveners of the workshop. Twenty-nine participants registered for the Workshop. Dr. Jayakumar Singaram was the Chief guest of the inaugural function. Sri A.S Vishwanatha, President, NES, Sri T.R Ashwathanarayana Shetty, Vice-President, NES and Sri S.N Nagaraja, Secretary NES were the Guests of honour. The program was presided by Dr. H.R Mahadevaswamy, Principal, JNNCE and Dr.L.K.Sripathi Vice Principal, JNNCE was present. Dr. Jayakumar Singaram took technical sessions on Cognitive computing, Advanced Multimedia techniques and conducted lab sessions on Cognitive computing using Tensor flow tool on 15th July 2019 and 16th July 2019.

On 17th July 2019, Dr.H.R Mahadevaswamy, Principal, JNNCE, presented technical sessions on Video compression principles and standards, Video coding fundamentals, H.261 and H.263. Dr. Shreedhar A. Joshi, Professor, ECE Dept. SDMCE, Dharwad, presented sessions on Basics of Wireless Sensor Networks on 17th and 18th July. The same day forenoon session was delivered by Dr.P.Manjunatha, HOD ECE Dept. JNNCE on Wireless Sensor Network reliability

On 19th July 2019, Dr H.S Jayanna Professor and Head ISE Dept, SIT, Tumkur presented technical sessions on Speech Recognition and Cognitive Science applications.

On 20th July 2019, Mr.Muralidhar, Engineer , Bangalore , presented sessions on Car Multimedia, infotainment systems and Vehicle Navigation systems. On 22nd July, 2019, Dr.Veena Karjigi, Associate Professor, Dept. of ECE, SIT Tumkur presented technical sessions on “Analysis of pathological voices by Speech processing and applications of Machine learning in Speech Processing.

On 23rd Dr.H.RMahadevaswamy, Principal, JNNCE, presented technical sessions on Audio, Video calculations, HDTV formats, followed by technical sessions on “Multimedia and Networking terminology” by Ujwala B.S, Assistant Professor, Dept. of ECE, JNNCE. On 24th July Mr.Rajath, Director, Curio Systems, Bangalore, presented technical session on “Interactive Multimedia and its applications” followed by Sessions on “Recent trends in IOT” by Mr.Sreenidhi N.N, Research Scholar, UVCE, Bangalore.

On 25th and 26th, July 2019 Mr. Raghavendra M, Research Scholar, NITK, Surathkal presented technical sessions on “Introduction to Blockchains and applications of Block chains in IT sector with hands on lab sessions.

On 27th July, 2019 Dr. P Manjunatha, HOD, ECE presented technical sessions on “Research in Wireless Sensor Networks.

With all these continuous technical sessions the ending phase of two week national level workshop on “Recent trends in Multimedia Processing and wireless Sensor Networks” has

arrived with a Valedictory function with gracious presence of Dr. H.R Mahadevaswamy, Principal, JNNCE who presided the function and Programme chair Dr. P Manjunatha, HOD, ECE dept, JNNCE. Conveners, Participants were present in the valedictory function.

Annexure – 4

1. Inauguration and Felicitation of chief guest at the inaugural function of the workshop on 15/07/2019 at 10:30 AM.



2. Group photo of Participants and Resource person of 6th day sessions Mr.Muralidhar on 20/07/2019 at 2:00 PM.



3. Photo of Conveners with the 7th day resource person Dr. Veena Karjigi, Associate Professor, SIT, Tumkur, on 22/07/2019 at 5:00 PM.



4. Group photo of participants with HOD and Conveners of the Workshop at the valedictory session on 27/7/2109 at 4:00 PM.





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Internal Quality Assurance Cell
Department of Electronics & Communication Engineering
TWO WEEKS NATIONAL LEVEL WORKSHOP ON
**"RECENT TRENDS IN MULTIMEDIA PROCESSING
AND WIRELESS SENSOR NETWORKS "**
Inaugural Programme

Date : 15-07-2019, Monday at 9:30 a.m.
Venue : Sir M.V. Seminar Hall, JNNCE Campus

Chief Guest : **Dr. Jayakumar Singaram**
Founder and Tech Lead, RINANU
Semiconductors, LLP, Bangalore

Guests of Honour : **Sri A. S. Vishwanatha**
President, NES, Shivamogga
Sri T. R. Ashwathanarayana Setty
Vice President, NES, Shivamogga
Sri S. N. Nagaraja
Secretary, NES, Shivamogga
Sri D. R. Amarendra Kireeti
Joint Secretary, NES, Shivamogga
Sri C. R. Nagaraj
Treasurer, NES, Shivamogga

Presence : **Dr. L.K Sreepathi**
Vice Principal, JNNCE, Shivamogga

Presided by : **Dr. H. R. Mahadevaswamy**
Principal, JNNCE ,Shivamogga

Program Chair :
Dr. Manjunath P
Prof. & HOD
Department of ECE

Conveners :
Ujwala B.S., Asst. Professor, Dept of ECE
Nalina S.B., Asst. Professor, Dept of ECE
Harish T.S., Asst. Professor, Dept of ECE

All Are Cordially Invited by :
HOD & Staff, Dept. of ECE

National Education Society ®
**Jawaharlal Nehru National College of Engineering,
Shivamogga - 577 204**

[Affiliated to VTU Belagavi, Recognized by Govt. of Karnataka,
Accredited by NAAC and Approved by AICTE, New Delhi]



Two Weeks National Level Workshop
On
**“Recent trends in Multimedia
Processing and Wireless Sensor
Networks”**

From 15th to 27th July- 2019

To, _____

Organized by :
**Department of Electronics &
Communication Engineering**

Two Weeks National Level Workshop
On

"Recent trends in Multimedia Processing and Wireless Sensor Networks"

15th to 27th July- 2019

1. Name : _____

2. Designation : _____

3. Department : _____

4. Postal Address : _____

5. Phone number : _____

6. Email-ID : _____

Registration fee details :
Transaction Number :

Date :

Signature of the Applicant

Mr./Ms./Dr. _____ is an
employee of our Institute and is hereby
permitted for the above Faculty Development
Training Program

Date :

Place :

Head of the Institution

CHIEF PATRONS

Sri A S Vishwanatha, President, NES
Sri T R Ashwathnarayana Setty, Vice President, NES
Sri S N Nagaraja, Secretary, NES
Sri D.R. Amarendra Kireeti, Joint Secretary, NES
Sri C R Nagaraj, Treasurer, NES

PATRONS

Dr. H R Mahadevaswamy, Principal, JNNCE, Shivamogga
Dr. L K Sreepathi, Vice Principal, JNNCE, Shivamogga

PROGRAM CHAIR

Dr. Manjunatha P, HOD, Dept. of ECE, JNNCE

CONVENER

Ujwala B.S, Asst. Professor, Dept. of ECE, JNNCE

CO-CONVENER

Nalina S.B, Asst. Professor, Dept. of ECE, JNNCE

CO-ORDINATOR

Harish T.S, Asst. Professor, Dept. of ECE, JNNCE

ORGANIZING COMMITTEE

All Teaching and non Teaching staff of Electronics &
Communication Engineering Department

ADVISORY COMMITTEE

1. **Dr. Ashok Rao**,
Former Head, Network Project, CEDIT, IISc, Bangalore.
2. **Dr. T N Nagabhushan**,
Principal and Professor, SJCE, Mysore.
3. **Dr. B G Sangameshwara**,
Vice Chancellor, JSS Science and
Technological University, Mysore.
4. **Dr. K N Subramanya**,
Principal and Professor, RVCE, Bangalore.
5. **Dr. S. Rangarajan**,
Former director, ISRO & CTO, Yazmi solutions, USA
6. **Dr. Jayakumar Singaram**, Founder and
tech lead RINANU semiconductors LLP, Bangalore.

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Two Weeks National Level Workshop
On

"Recent trends in Multimedia Processing and Wireless Sensor Networks"

From 15th to 27th July- 2019

Organized by :
Department of Electronics &
Communication Engineering

ADDRESS FOR COMMUNICATION:

Mrs. Ujwala.B.S Asst. Professor Ph: 9886537121
Mrs. Nalina S.B. Asst. Professor Ph: 7348852846
Mr. Harish T.S Asst. Professor Ph: 7829151211
E-mail : ujwalaravi2004@jnnce.ac.in
tshpmt111@jnnce.ac.in, nalinasb@jnnce.ac.in



ABOUT THE COLLEGE

JNNCE was established in the year 1980 by the National Education Society. The college is affiliated to Visvesvaraya Technological University (VTU), Belgaum and recognized by AICTE, New Delhi. Institution is NAAC accredited and UGC 2f and 12B certified. It offers 7 UG and 7 M.Tech program besides MBA and MCA. It has 7 Research Centers recognized by VTU. Spread over 52 acres, the campus has all the amenities to cater to the needs of about 3500 students and 400 faculty and staff. All the departments have good infrastructural facilities with highly qualified and experienced faculty, staff and well equipped laboratories. The college is regarded as one of the excellent centers for technical education and research. JNNCE is ranked 34th among top Engineering colleges in India and 7th in Karnataka as per Outlook survey 2019. The college is providing its fruitful services in the 39th year. The college organizes international and national workshops, conferences, seminars and short term courses on a regular basis. The institution has IEEE as well as ISTE members.

ABOUT THE DEPARTMENT

The Department of Electronics & Communication Engineering was started in the year 1980. Department have well equipped laboratories, qualified and experienced staff to cater to the needs of students of UG program and PG program M.Tech in Digital Electronics and Communication Systems. The ECE department has been recognized as research center under which 16 research scholars are pursuing Ph.D under VTU Belgaum. UG and PG students are actively involved in carrying out their projects at New Age Incubation Network. The department has IETE and ISF forums. The Institute of Electronics and Telecommunication Engineers (IETE) center is the national apex body of professional engineers devoted to the advancements of Electronics, Telecommunications, IT and allied areas. The 56th center of IETE was inaugurated at Jawaharlal Nehru national College of Engineering Shivamogga on 1st March 2009.

DEPARTMENT VISION

To be a premier centre of education and research in Electronics & Communication Engineering for producing competent engineers to cater to the needs of industry and society.

DEPARTMENT MISSION

- * Impart quality education through innovative and continuous teaching – learning process
- * Groom the students with required foundations of Electronics & Communication Engineering and inculcate in them the professional ethics & human values.
- * Train the students and the faculty in state – of – the-art technologies and motivate them for higher studies & innovation based research for the needs of the industry and society.
- * Create centers of excellence in the field of Electronics & Communication Engineering in collaboration with the industries and academic organizations.

ABOUT THE WORKSHOP

This Workshop is being organized for twelve days to provide a platform for faculties, researchers and technologists, to understand the concepts of Multimedia processing, speech Processing and Wireless sensor networks to solve complex engineering problems. With this in view the course would devote time talks on the topics cited below along with 'Hands-on Sessions'.

- * Introduction to Multimedia Processing, Multimedia Networks, Applications of image processing in Multimedia.
- * Mathematics of Speech processing
- * Machine Learning and Applications on Social Media Data
- * Advanced Multimedia Applications and its research trends.
- * Current research trends in WSN
- * Simulation of Wireless Sensor networks
- * Laboratory sessions using Matlab, Python

PARTICIPATION

The interested academicians from Electronics, Telecommunication, Computer science, Information science, industry personnel, researchers and allied disciplines are invited to attend the twelve days Workshop.

Faculty	Rs.2000
Research Scholar, Students	Rs.1500

The registration fee should be paid through online, the details of which are given below.

Bank : CANARA BANK
Branch : JNNCE Campus, Shimoga
SB A/c. No. : 6322201000004
IFSC code : CNRB0006322

RESOURCE PERSONS

Resource persons from distinguished Research Institutes, industries and colleges will deliver expert lectures and practical sessions.

REGISTRATION DETAILS

Scanned copy of the application with duly forwarded by the HOD and Principal, must be sent along with online transaction to the conveners email id. The number of participants is limited to 50 on first come first serve basis.

Note : Registration fee does not include accommodation. However accommodation may be provided to the participant with a nominal fee in the college hostel. No TA/DA will be provided for the participants.

IMPORTANT DATES

Submission of application forms by : 5th July 2019. Workshop Dates: 15th to 27th July 2019.

Venue: Seminar hall (Ad-Block), Computer Lab (ECE Dept.) **Timings:** 9.00 am to 5.00 pm



**National Education Society(R)
Jawaharlal Nehru National College of Engineering,
Shimoga**

**Internal Quality Assurance Cell(IQAC)
Department of Electronics and Communication Engineering**

Institution of Electronics and Telecommunication Engineers, Shivamogga Centre



Valedictory Programme

*You are cordially invited for the Valedictory Programme of Two Weeks
National Level Workshop on
“Recent trends in Multimedia processing and Wireless Sensor
Networks”*

From 15th July 2019 to 27th July 2019

Presided by : **Dr. H. R. Mahadevaswamy**
Principal, JNNCE

Presence : **Dr.L.K Sreepati**
Vice-Principal, JNNCE

Program Chair : **Dr. P.Manjunatha**
Professor and HOD, Dept. of E&C
IETE Chairman, Shivamogga Centre

Date:27-07-19

Time:3 PM

VENUE

Sir M V Seminar Hall

Welcome to all

**HOD and Staff
Department of Electronics and Communication**

Press Clippings

ಜೆಎನ್‌ಎನ್‌ಸಿಇಯಲ್ಲಿ ರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಾಗಾರ

ಶಿವಮೊಗ್ಗ: ಜೆಎನ್‌ಎನ್‌ಸಿಇ ಇಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜ್‌ನಿಂದ ಮಲ್ಟಿ ಮೀಡಿಯ ಪ್ರಕ್ರಿಯೆಯಲ್ಲಿ ಇತ್ತೀಚಿನ ಪ್ರವೃತ್ತಿಗಳು ಮತ್ತು ವೈರ್‌ಲೆಸ್ ಸೆನ್ಸಾರ್ ನೆಟ್‌ವರ್ಕ್ ಕುರಿತು 2 ವಾರಗಳ ರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಾಗಾರದ ಉದ್ಘಾಟನೆಯು ಜು. 15ರ ಸೋಮವಾರ ಬೆಳಿಗ್ಗೆ 9.30ಕ್ಕೆ ಕಾಲೇಜಿನ ಸರ್‌ಎಂಎ ಸೆಮಿನಾರ್ ಹಾಲ್‌ನಲ್ಲಿ ಏರ್ಪಡಿಸಲಾಗಿದೆ.

ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ| ಹೆಚ್.ಆರ್. ಮಹಾದೇವಸ್ವಾಮಿ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಲಿದ್ದು, ಡಾ| ಎಲ್.ಕೆ. ಶ್ರೀಪತಿ, ಆರ್‌ಐಎನ್‌ಎಎನ್‌ಯು ಮುಖ್ಯಸ್ಥ ಡಾ| ಜಯಕುಮಾರ್ ಸಿಂಗರಾವ್, ಟಿ.ಆರ್. ಅಶ್ವತ್ಥ ನಾರಾಯಣ ಶೆಟ್ಟಿ, ಕಾರ್ಯ ದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗರಾಜ್, ಡಿ.ಆರ್. ಅಮರೇಂದ್ರ ಕೀರ್ತಿ, ಸಿ.ಆರ್. ನಾಗರಾಜ್ ಪಾಲ್ಗೊಳ್ಳಲಿದ್ದಾರೆ.

ಹೊಸ ಆವಿಷ್ಕಾರಗಳಿಂದ ಮಹತ್ತರ ಬದಲಾವಣೆ | ಡಾ. ಜಯಕುಮಾರ್ ಅಭಿಮತ ಮಲ್ಟಿಮೀಡಿಯಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಸಂಶೋಧನೆ

■ ವಿಜಯವಾಣಿ ಸುದ್ದಿಪಾಲ ಶಿವಮೊಗ್ಗ
ಕಂಪ್ಯೂಟರ್ ಯುಗದಲ್ಲಿ ಆಗುತ್ತಿರುವ ಕ್ರಾಂತಿಕಾರಿ ಬದಲಾವಣೆಗಳಿಂದ ಮಲ್ಟಿಮೀಡಿಯಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹೆಚ್ಚಿನ ಸಂಶೋಧನೆ ಹಾಗೂ ಆವಿಷ್ಕಾರ ನಡೆಯುತ್ತಿವೆ ಎಂದು ರಿಜಿಸ್ಟ್ರಾರ್ ಸೆಮಿನಾರ್ ಸಂಸ್ಥೆ ಸಂಸ್ಥಾಪಕ ಡಾ. ಜಯಕುಮಾರ್ ಸಿಂಗರಾವ್ ಹೇಳಿದರು.

ಜೆಎನ್‌ಎನ್‌ಸಿಇ ಕಾಲೇಜಿನಲ್ಲಿ ಸೋಮವಾರ ಆಯೋಜಿಸಿದ್ದ 'ಮಲ್ಟಿ ಮೀಡಿಯಾ'ಯಲ್ಲಿನ ಬೆಳವಣಿಗೆಗಳು ಹಾಗೂ ವೈರ್‌ಲೆಸ್ ಸೆನ್ಸಾರ್ ನೆಟ್‌ವರ್ಕ್ ಕುರಿತ ಕಾರ್ಯಾಗಾರ ಉದ್ಘಾಟಿಸಿ ಮಾತನಾಡಿ, ಜಗತ್ತಿನಲ್ಲಿ ಹೊಸ ಆವಿಷ್ಕಾರಗಳಿಂದ ಮಹತ್ತರ ಬದಲಾವಣೆ ಕಾಣುತ್ತಿದ್ದೇವೆ. ಎಲ್ಲ ಕ್ಷೇತ್ರಗಳಲ್ಲಿಯೂ ತಂತ್ರಜ್ಞಾನದ ಅವಶ್ಯಕತೆ ಕಾಣಬಹುದಾಗಿದೆ ಎಂದು ತಿಳಿಸಿದರು.

ಮಲ್ಟಿಮೀಡಿಯಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹೊಸ ರೀತಿ ಸಂಶೋಧನೆಯಲ್ಲಿ ಅಲ್ಲಾರಿದಮ್ ಗಳ ರಚನೆ ಮಹತ್ತರ ಪಾತ್ರ ವಹಿಸುತ್ತದೆ. ಗಣಿತಶಾಸ್ತ್ರ ಹಾಗೂ ಕಂಪ್ಯೂಟರ್ ಸೈನ್ಸ್ ಬಳಕೆಯಿಂದ ಹೆಚ್ಚಿನ ಆವಿಷ್ಕಾರಗಳು ನಡೆಯಲಿವೆ ಎಂದರು. ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಉಪಾಧ್ಯಕ್ಷ ಟಿ.ಆರ್.ಅಶ್ವತ್ಥನಾರಾಯಣಶೆಟ್ಟಿ ಮಾತನಾಡಿ, ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಪರಿಣಿತ ಹಾಗೂ ಅಂಕ ಗಳಿಕೆ ದೃಷ್ಟಿಯಿಂದ ಮಾತ್ರವೇ ಶಿಕ್ಷಣ ನೀಡದೆ ಸಮಾಜದ ಪ್ರಗತಿ ಹಾಗೂ ಕೊಯಗೆ ಬಗ್ಗೆಯೂ ಆಲೋಚಿಸುವಂತೆ ಪ್ರಾಧ್ಯಾಪಕರು ಮಾರ್ಗದರ್ಶನ ನೀಡಬೇಕು ಎಂದು ಸಲಹೆ ನೀಡಿದರು. ಉತ್ತಮ ವೇತನ ಹಾಗೂ ಉದ್ಯೋಗ ಪಡೆಯುವುದೇ ಮುಖ್ಯವೆಂಬಂತೆ ಬಿಂಬಿಸಬಾರದು ಎಂದು ಹೇಳಿದರು. ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿ ಅಧ್ಯಕ್ಷ ಎ.ಎಸ್.ವಿಕ್ರಮ್‌ನಾಥ್ ಅಧ್ಯಕ್ಷತೆ ವಹಿಸಿದ್ದರು. ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್.ನಾಗರಾಜ್, ಜೆಎನ್‌ಎನ್‌ಸಿಇ ಉಪಪ್ರಾಚಾರ್ಯ ಡಾ. ಎಲ್.ಕೆ.ಶ್ರೀಪತಿ, ಎಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ. ಪಿ.ಮಂಜುನಾಥ್, ಸಹ ಪ್ರಾಧ್ಯಾಪಕರಾದ ಬಿ.ಎಸ್.ಉಜ್ವಲಾ, ಎಸ್.ಬಿ.ನಳಿನಾ, ಟಿ.ಎಸ್.ಹರೀಶ್ ಇದ್ದರು.



ಶಿವಮೊಗ್ಗದ ಜೆಎನ್‌ಎನ್‌ಸಿಇಯಲ್ಲಿ ಆಯೋಜಿಸಿದ್ದ ಕಾರ್ಯಾಗಾರವನ್ನು ಡಾ. ಜಯಕುಮಾರ್ ಸಿಂಗರಾವ್ ಉದ್ಘಾಟಿಸಿದರು. ಡಾ. ಎಚ್.ಆರ್. ಮಹಾದೇವಸ್ವಾಮಿ, ಎ.ಎಸ್.ವಿಕ್ರಮ್‌ನಾಥ್, ಅಶ್ವತ್ಥನಾರಾಯಣಶೆಟ್ಟಿ ಇತರರಿದ್ದರು.

ಉದ್ದಮ ಮತ್ತು ಸಂಶೋಧನಾ ಕ್ಷೇತ್ರದಲ್ಲಿ ಆಗುತ್ತಿರುವ ಬದಲಾವಣೆಗಳ ಬಗ್ಗೆ ಆಲೋಚಿಸಲು ಸಾಧ್ಯವಾಗುತ್ತಿಲ್ಲ. ಶಿಕ್ಷಣ ಕ್ಷೇತ್ರದಲ್ಲಿ ಹೊಸ ಕಾಲಕ್ಕೆ ತಕ್ಕಂತೆ ಪಠ್ಯಕ್ರಮ ನಿರ್ದೇಶಿಸಿಲ್ಲ. ಮುಂದಿನ ವರ್ಷಗಳಲ್ಲಿ ತಂತ್ರಜ್ಞಾನ ಕ್ಷೇತ್ರದಲ್ಲಿನ ಬದಲಾವಣೆಗೆ ತಕ್ಕಂತೆ ಪಠ್ಯಕ್ರಮ ರಚಿಸಬೇಕಿದೆ.
|ಡಾ. ಎಚ್.ಆರ್.ಮಹಾದೇವಸ್ವಾಮಿ ಜೆಎನ್‌ಎನ್‌ಸಿಇ ಪ್ರಾಚಾರ್ಯ

ಜೆಎನ್‌ಎನ್ ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನಲ್ಲಿ ತಾಂತ್ರಿಕ ಕಾರ್ಯಾಗಾರ



ಶಿವಮೊಗ್ಗ: ನಗರದ ಪ್ರತಿಷ್ಠಿತ ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿಯ ಜವಾಹರಲಾಲ್ ನೆಹರು ತಾಂತ್ರಿಕ ಮಹಾವಿದ್ಯಾಲಯದಲ್ಲಿ 'ಬಹುವ 'ಾಧ್ಯಮ ಸಂಸ್ಕರಣೆ ಮತ್ತು ನಿಸ್ಸಂತು ಸಂವೇದಕ ಜಾಲಗಳಲ್ಲಿ ಇತ್ತೀಚಿನ ಪ್ರವೃತ್ತಿಗಳು' ಕುರಿತ ಎರಡು ವಾರಗಳ ರಾಷ್ಟ್ರೀಯ ಕಾರ್ಯಾಗಾರ ಆಯೋಜಿಸಲಾಗಿತ್ತು.

ಕಾಲೇಜಿನ ಇಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗ ಮತ್ತು

ಐಕ್ಯಾವಿಸಿ ವಿಭಾಗಗಳು ಐಇಟಿಇ, ನವದೆಹಲಿ ಮತ್ತು ಐಎಸ್‌ಟಿಇ, ನವದೆಹಲಿ ಇವರ ಸಹಯೋಗ ದೊಂದಿಗೆ ಹಮ್ಮಿಕೊಂಡಿದ್ದ ಈ ಕಾರ್ಯಾಗಾರವನ್ನು ಬೆಂಗಳೂರಿನ ಎಲ್‌ಎಲ್‌ಪಿಯ ರಿನಾನು ಸೆಮಿಕಂಡಕ್ಟರ್ಸ್‌ಸಂಸ್ಥಾಪಕರು ಮತ್ತು ತಾಂತ್ರಿಕ ಮುಖ್ಯಸ್ಥ ಜಯಕುಮಾರ್ ಸಿಂಗರಾವ್ ಅವರು ಉದ್ಘಾಟಿಸಿ ದರು.

ರಾಷ್ಟ್ರೀಯ ಶಿಕ್ಷಣ ಸಮಿತಿಯ

ಕಾರ್ಯಕಾರಿ ಸಮಿತಿ ಅಧ್ಯಕ್ಷ ಎ.ಎಸ್. ವಿಶ್ವನಾಥ, ಉಪಾಧ್ಯಕ್ಷ ಟಿ.ಆರ್. ಅಶ್ವಥನಾರಾಯಣ ಶೆಟ್ಟಿ, ಕಾರ್ಯದರ್ಶಿ ಎಸ್.ಎನ್. ನಾಗ ರಾಜ, ಸಹ-ಕಾರ್ಯದರ್ಶಿ ಡಿ. ಆರ್. ಅಮರೇಂದ್ರ, ಕಿರೀತಿ, ಖಜಾಂಚಿ ಸಿ.ಆರ್. ನಾಗರಾಜ್ ಉಪಸ್ಥಿತರಿದ್ದರು. ಅಧ್ಯಕ್ಷತೆಯನ್ನು ಕಾಲೇಜಿನ ಪ್ರಾಂಶುಪಾಲ ಡಾ. ಹೆಚ್.ಆರ್. ಮಹಾದೇವಸ್ವಾಮಿ ವಹಿಸಿದ್ದರು. ಉಪಪ್ರಾಂಶುಪಾಲ ಡಾ|| ಎಲ್.ಕೆ. ಶ್ರೀಪತಿ ಇದ್ದರು.

ಇಲೆಕ್ಟ್ರಾನಿಕ್ಸ್ ಮತ್ತು ಕಮ್ಯುನಿಕೇಷನ್ ವಿಭಾಗದ ಮುಖ್ಯಸ್ಥ ಡಾ|| ಪಿ. ಮಂಜುನಾಥ, ಬೋದಕ ಉಜ್ವಲಾ ಬಿ.ಎಸ್., ಸಹಪ್ರಾಧ್ಯಾಪಕರಾದ ನಳಿನಾ ಎಸ್.ಬಿ., ಹರೀಶ್ ಟಿ.ಎಸ್. ಕಾರ್ಯಕ್ರಮದ ಸಂಚಾಲಕರಾಗಿದ್ದಾರೆ.

Annexure – 6

List of participants

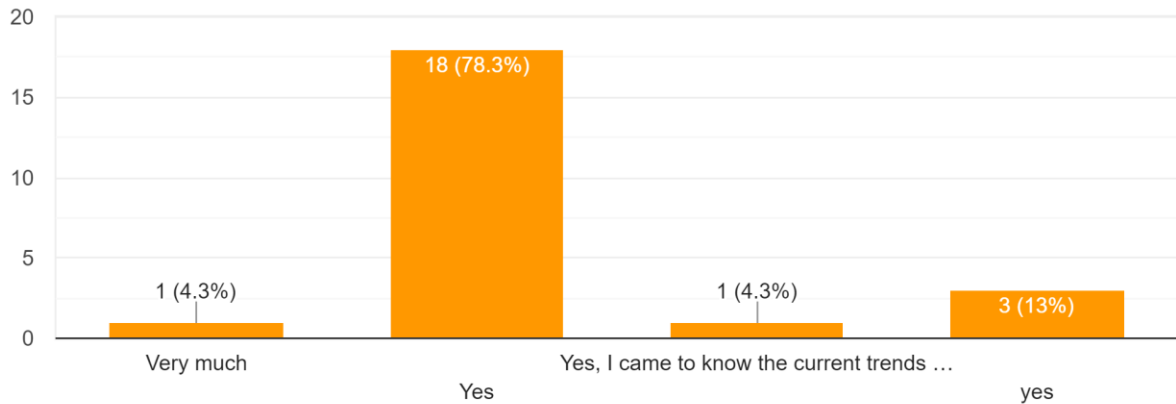
SL No.	Name	Department
1.	Madhusudhan G	TCE
2.	Rashmi M. Hullamani	TCE
3.	Pavan M	ISE
4.	Chethan G S	ISE
5.	Akshay M J	ISE
6.	Sayed Aftab Ahmed	ISE
7.	Pavankumar M.P	ISE
8.	Harish T.S	ECE
9.	Manjula M.G	EEE
10.	Veerasha K.B	EEE
11.	Prathima L	ISE
12.	Ujwala B.S	ECE
13.	Nalina S.B	ECE
14.	Darshan K.V	ECE
15.	Sharath S.M	ECE
16.	Abhijith N	ECE
17.	Pradeep S.C	ECE
18.	Roopa B.S	ECE
19.	Anil Kumar J	ECE
20.	Smitha S.M	ECE
21.	Prema K.N	ECE

22.	Shwetha H.R	ECE
23.	Shwetha B	ECE
24.	Aparna	TCE
25.	Arun Kumar K.L	MCA
26.	Prashanth G.S	ECE
27.	Sumathi K	ECE
28.	Benak Patel M.P	TCE
29.	Ananad Raj S.N	TCE

Overall Feedback for the Two weeks Workshop

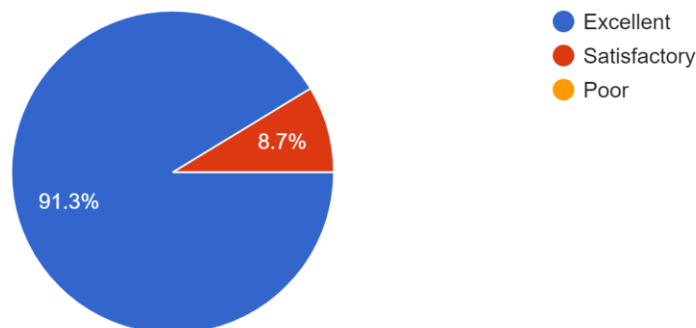
1. Do you think this Workshop is beneficial for you?

23 responses



2. How do you rate the overall Arrangement, food, organisation of the Workshop?

23 responses



3. What aspects of the Workshop are useful or valuable? 23 responses

Digital Technology, WSN

Research in speech processing

Overall organisation

Sessions on WSN

Research areas

Code Blocks, sensor networks working, Video Compression methods and Speech Recognition

Hands on sessions

all

All

Gud

Wireless Sensor Networks

All sessions and resource persons gave a useful information in the research field

4. Any Suggestions for improvement or any opinion?²³ responses

No

Nil

no

Please don't invite rajath next time

OK

nil

Schedule was tight as we were busy in NBA work. Overall good workshop. Thanks are due to all.

Conduct more workshops

None

NA

Please arrange one more workshop in the coming semester

nope

Good

good