



## **Program Completion Report on**

## One Week AICTE-ISTE sponsored Induction/Refresher Programme (Online)-Phase 3

"Accreditation: An Accelerator for Quality Improvement in Engineering Education"

(22<sup>nd</sup> to 28<sup>th</sup> April 2021)

(Excluding Sunday)



Conducted by

Department of Electronics and Communication Engineering S. D. M. College of Engineering and Technology

Dhavalagiri, Dharwad-580002

Karnataka

**April 2021** 

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### **Acknowledgements**

We would like to acknowledge the financial support by All India Council for Technical Education (AICTE), New Delhi and Indian Society Technical Education (ISTE), New Delhi.

Thanks to our Management under the leadership of our **President Padma Vibhushana Dr. D. Veerendra Heggade ji**, Dharmadhikari, Shrikshetra Dharmasthala. Our gratitude to all the Vice Presidents and Secretaries of the SDM Educational Society. The SDME Secretary beloved Shri Jeevandhar Kumar Sir has provided all the necessary arrangements for holding the Refresher Program.

Our sincere thanks to our dynamic Principal Dr. K. Gopinath Sir for being a pillar of strength and guiding in all possible ways. Our HOD Dr. Vijaya C madam has been monitoring and guiding this entire process of organizing in the best possible way. We sincerely thank her too.

On behalf of the organizing team, we take this opportunity to thank all the participants for making it happen. We sincerely wish that the discussions of the 1-week program have been the most fruitful ones, and the participants had a great time with us.

Thank you one and all.

#### Dr.S.S.Kerur

#### **Program Coordinator**

#### **Organizing/Technical Program Committee**

Dr. K. N. Hosur Dr. Sharada Sajjan Dr. Jayashree C. Nidagundi Dr. S. S. Navalgund

Prof. Sumangala B. Prof. Shrikanth Shirakol Prof. Raguram K.M. Prof. Preeti. B.

Prof. Channakka L. Prof. Megha G. S

## **Proposal to AICTE-ISTE**





## $\underset{\underline{PROFORMA}}{\underline{AICTE-ISTE}} \underbrace{REFRESHER}_{\underline{PROFORMA}}$



Title of the Program:- IMPORTANCE OF ACCREDITATION

Institute Details					
Institu	ite Permi	ment ID No.	1-3515087462		
Name of the Institute			S D M. COLLEGE OF ENGINEERING &		
Institute detailed address			DHARWAD-58000		GG AND TECHNOLOG
	Institut	te Discipline	ENGINEERING		
ISTE Institutional Member	rship Nur	nber of your institute			
	Institu	ate Email 1D	principal@sdmcet.a	c.in	
		pal Email ID	principal@sdmcet.a	c.in	
Teleph		STD Code)	0836-2447465		
Reference of Extension of Appr for current year	oval lette	r by AICTE	1-9879281		
Reference of Extension of Appr for curren	oval lette	er by AICTE 018-19) date			
Number of programmes c 2016-2017 & 2017-20	onducted 18 for Se	in the years If Financing	4		
Number of programmes c 2016-2017 & 201	onducted 7-2018 fo	in the years or Financing	2		
	15	STE Chapter	Yes   Chapter No.: 27		
Details of the Coordinator		Faculty ID	ecdt28		
Nac	ne of the	Coordinator	Yes DR.S S Kerur		
1101	ne or me		ECE		
Appointment Type(prefer	rence will regula		Regular		
		ntact Details	Cell No.: 82178811	46	Email: kerurss@gmail.com
ISTE Life Membership Num	ber& ye	ar of joining	LM27545		1999
Details of the Refresher Progra	immes				
Ti	le of the	Programme	IMPORTANCE OF ACCREDITATION		
Tentative dat			From: 08.10.2019 To: 13.10.2019		
Technical ar			ACCREDITATION AWARENESS		
Department under which Programme is to be conducted (AICTE approved course of the department is mandatory)			ECE		
Credentials of the Coordinator		-=3			
PG	Yes	T	PHD	Yes	
Teaching Experience in years	20	Industria	Experience in years	02	
reaching Experience in years	08		published in National als during last 5 years		

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	Lin	Mount	or of I	Ph D	Students	4	
Papers published in International Journals during last 5 years	10	Numb	Number of Ph.D. Students Guided				
Membership of the Professional/Learned Bodies/Societies	1				Para-He		
Awards	No			_	Details		
Number of Patents Registered	No			_	Details		
Relevant Experience of conducting/coordinating similar programmes funded by AICTE and other funding agencies in past three years	No	Details			Details		
Credential of the Organising I	nstitute						
			25.5.55	AL.	Mun	ber of years in existence	39
Type of Institute(Whe	ther selec	cted under TE	QIP)	03	Nun	Year of Accreditation	2011
Number of course	s Accred	ited in the this	Circuite	40.00	Autonom		
		Status of th	e insti	tute	Autonom	ous	
Credential of the Organising I	Departm	ent					
			_	_			
Whether the course under submitted	which th , accredit	ted by NBA?	No	_			-
Credentials of Programme							
				_		ademic Quality and Public	
				evanue ti	nent of Ac	aucinic Quanty	
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	Objectiv	es & Context	Aco	ounta	bility;	andards of quality	
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a) I, DR.S S Kerur, herewith undertake that I read all the Rules of Application for the year 2017-18 and after fully understanding all the rules, I have filled in this application form.

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b) The information given by me in my application form is true to the best of my knowledge and belief, c) If at later stage, it is found that I have furnished wrong information and/or submitted false certificate (a), I am aware that my Application stands cancelled and fees paid by me will be forfeited. Further, I will be subject to legal and/or penal action as per the provisions of the law.

I agree to provide all necessary assistance and facilities of the institute for the conduct of the above programme. I also agree that we will abide by the terms & conditions expected for conduct of the programme.

Date: 28-11-2018

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Name of the Coordinator: DR.S S Kerur Signature:

State: Karnataka	Seal And Sign of Head/Principal of the Institution
Print Date:28/11/2018 6:31 am	

3/3

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### **Sanction letter from AICTE-ISTE**



#### AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES – 2018-19



ISTE/AICTE-ISTE Orientation/Refresher Programme/2018-19 January 15, 2021

Dear Sir/Madam,

Sub: AICTE-ISTE Sponsored Induction/Refresher Programs - regarding

Ref.: 1. Our letter dated October 19, 2020.

2. Your consent letter by email to conduct the program.

- - -

Sanction is hereby accorded to the institute to conduct **two programmes in**Online Format on the subject titled Accreditation: An Accelerator for Quality

Improvement in Engineering Education during the following dates:

Phase II : 18/02/2021 to 24/02/2021 Phase III : 22/04/2021 to 28/04/2021

The headwise breakup of each online programme will be:

a.	Honorarium for Coordinator	Rs.5,000.00
b.	Honorarium to Experts	Rs.75,000.00
c.	Provision for payment to lab attendant engaged during lab practices	Rs.3,000.00
d.	Miscellaneous charge	Rs.10,000.00
	Total for each program	Rs.93,000.00

You are requested to take steps to conduct the program subject to the following guidelines (as laid down by the AICTE and ISTE):

#### The program duration will be six days.

- The total budget sanctioned for online program is Rs.93,000/- for one week. Expenses should not exceed the prescribed budget provisions.
- Coordinator may use any available software (Google Meet/WebEx/MS Team/ Go to Webinar etc.) for smooth conduction of online FDP and also he/she may explore any other available software.
- Minimum two sessions on inauguration day after inauguration and minimum two sessions before Valedictory function. Institutions/Coordinator will ensure minimum three sessions for remaining four days and one session from that may be utilized for feedback and assessment). Each Session should be of minimum one & half hours.

SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI – 110 016
Phone: 011-26513542, 26963431; email: istedhq@isteonline.org; website: www.isteonline.in

- Coordinator will be free to invite experts for 1½ hour compulsory session on the mental & emotional development, stress management, meditation, human values and ethics, health and happiness etc. which may be conducted by any spiritual social organizations / Individuals like Art of living or similar organization to promote FIT INDIA Movement across the country
- Maximum number of participants allowed is 100 per program and minimum should be 40
- Max permissible participants from host institute is 30%
- > An online test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to only those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test
- Eminent personalities in the field must be invited as the resource person and minimum one good resource person from industry should be invited during the program.
- Resource persons from outside India are also permitted but no participation from faculty from outside India is allowed.
- Ensure that AICTE officials and ISTE representatives will be invited for the Inauguration and for Valedictory Function of the program.
- In case the program is cancelled, the funds shall be called back from the institute by ISTE immediately along with interest accrued on the amount of grant released.
- Funds once released/sanctioned for organizing the particular topic/ area of FDP cannot be utilized for any other program.
- Maximum honorarium to any session will be Rs. 4000/-. Honorarium is also admissible to the guest called for Inauguration and Valedictory Function.
- The online sessions are to be recorded as the facility is available on the software which is being used for online delivery of FDP. Coordinators will also share recording of all sessions and participant's feedback about total online FDP with ISTE.
- Any unavoidable circumstantial change in the Program with respect to name of Coordinator, Venue and date for organizing AICTE-ISTE Program would mandatorily require prior approval from ISTE.
- Post conduct of the event, the institute will submit the outcomes achieved from the program.
- You have to follow all norms while conducting the program as laid down for conduction on online mode.

SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI – 110 016
Phone: 011-26513542, 26963431; email: istedhq@isteonline.org; website: www.isteonline.in

- After completing all the program the institute has to send the following to ISTE within 21 days of the completion of the program for each program separately:
  - Detailed schedule of each training program.
  - Program wise list of resource persons invited with full address, brief bio-data, contact details, topics etc.
  - Program wise list of the total participants registered and the participants who have successfully completed the program on the basis of the attendance and test conducted by program coordinator. (With attendance report, marks obtained and question paper)
  - External hard disc/Pen drive (of online recorded FDP and feedback of few participants) has to be sent for all programs separately.
  - The institute should submit statement of expenditure after completion of the program duly audited by certified Chartered Accountant Firm. The head of expenditure should be in conformity with the sanctioned account heads as mentioned in previous page.
  - Institute should keep supporting bills/documents in original with them. It should be made available in verification, if required in future.
  - Utilization Certificate (U.C.) is to be sent along with photocopy of bills for each program within 21 days after completion of all programs along with balance amount and interest accrued, if any to ISTE.
  - Institute should submit separate report for each program. Separate Statement of Expenditure must be sent for each programme. However combined U.C. can be sent for all program. Expenditure norms are to be followed strictly for each individual program.
  - A program completion report for each program along with photographs, videos, media report is to be send after the completion of program.
  - News/Media/Magazine cuttings/clippings if any.
  - o Two Copies of proceedings of each program.
  - Supporting bills/documents and paid vouchers on account of expenses incurred for the purpose along with Statement of Expenditure duly certified by Chartered Accountant with their Registered Membership Number.
  - Result of test conducted.
  - Report on the outcome achieved from each program for submission to AICTE.

Note: All documents should be countersigned by the Coordinator and Director/Principal of the institution.

SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI – 110 016
Phone: 011-26513542, 26963431; email: istedhq@isteonline.org; website: www.isteonline.in

#### The institutes will forward the following before the commencement of program

- Link of FDP program brochure or template.
- Link of registration for faculties.
- · Details of the program, day wise
- List of resource persons with topic

#### Before one of the session:-

Response sheet of participants received for considering total number of participant.

#### From Day 1 to till end (every day before and after session day)

- Link of invitation of every session with password for joining to be shared with AICTE and ISTE.
- Attendance in respective online tools of attendee in screen shot or other format.
- Output response/ any test conducted every day or end of the STTP/FDP.
- Result of test conducted
- · Response sheet of feedback of attendees on last day

I am confident that the program being organized at your institute under your able leadership would be a grand success. Assuring you the best cooperation from our end at all times.

With best regards,

Sd/-(Col. B. Venkat) Director, Faculty Development Cell, AICTE Sd/-(Prof. Vijay D. Vaidya) Executive Secretary, ISTE

To

Dr. S. S. Kerur Assistant Professor, SDM College of Engineering and Technology Dharwad - 580002, Karnataka

SHAHEED JEET SINGH MARG, NEAR KATWARIA SARAI, OPP. SANSKRIT VIDYAPEETH, NEW DELHI – 110 016
Phone: 011-26513542, 26963431; email: istedha@isteonline.org; website: www.isteonline.in

### **Acceptance Letter from the**

### **Institution**



## AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES



## PROFORMA FOR CONVEYING WILLINGNESS TO CONDUCT AICTE-ISTE INDUCTION/REFRESHER PROGRAMMES

 Name of the Institution with Complete address and email id

: SDM COLLEGE OF ENGINEERNG AND TECHNOLOGY, **DHARWAD-580 002** principal@sdmcet.ac.in

2. Title of the Programme

: ACCREDITATION : AN ACCELERATOR FOR QUALITY IMPROVEMENT IN ENGINEERING EDUCATION

3. Exact dates and duration of the Programmes: 18-02-2021 TO 24-02-2021 (PHASE\_2) (on line mode)

(06 days, excluding Sunday) 22-04-2021 TO 28-04-2021(PHASE\_3) (on line mode)

4. Name(s) and designation of the Coordinator(s) with mobile & email id

(06 days, excluding Sunday)

: Dr. S S Kerur, Asst. Professor
8217881146(M), 9448789455(M)
kerurss@gmail.com

5. ' Whom the grant is to be released? : Principal

6. Bank details: Name (in Bank A/c)

Bank details : Name (in Bank A/c)
Bank A/c No.

: THE PRINCIPAL, SDMCET, DHARWAD : 1952500100348701

Bank Name & Branch

: KARNATAKA BANK, SDM EXTN, DHARWAD : KAR0000195

I agree to organise the above programme as per the guidelines and budget norms prescribed by the AICTE and the ISTE. I also agree to settle the accounts of the programme within 21 days of completion of the Programme.

Signature of Coordinator

Name & Designation

: Dr. S S KERUR, ASST.PROFESSOR

(0)0836-2447465

E-mail:

8217881146(M), 9448789455(M)

kerurss@gmail.com, sdmcet\_fdp@gmail.com

In case of any delay in the release of funds by the AICTE/ISTE, our Institution would provide the needed funds as loan which would be reimbursed. The final documents will be submitted within 21 days of the completion of the programme.

Email & Mobile No.: <a href="mailto:principal@sdmcet.ac.in">principal@sdmcet.ac.in</a>, 0836-2447465, 9538677470(M)

Signature of the : Head of the Institution

Capitale PRINC

Please return to:

The Executive Secretary

Indian Society for Technical Education Shaheed Jeet Singh Marg New Delhi – 110 016 SHRI DHA WITH DETTICE SEAN
SHRI DHA WITH DETTICE SEAN
COLLEGE OF ENGINEERING AND TECHNOLO
DHARWAD-580002 KARNATAKA

Phone : 011-26963431, 011-26513542 (office)
E-mail : istedhq@isteonline.org,

exesecretary@isteonline.org

#### **Brochure, Banners**

One Week

AICTE - ISTE sponsored Induction /Refresher Programme (online) phase-3 on Accreditation: An Accelerator for Quality Improvement in Engineering Education (22<sup>nd</sup> to 28<sup>th</sup> April 2021)

The Indian Society for Technical Education (ISTE) is the Patrons: The Indian Society for Lechnical Education (LSLE) is use Patrons:

leading national professional non-profit making society

Dr. B. Yashovarma, Secretary, SDME Society, Ujire

for the technical education system in our country with the

Sri. Jeevandhar Kumar, Secretary, SDME Society, Dharwad

motto of career development of teachers and personality

Col. B. Venkat, Director, Faculty Development Cell, AICTE.

development of students and overall development of our

Prof. Vijay D. Vaidya, Executive Secretary, ISTE, New Delhi

technical education system. Being the only national

Organisation of educators in the field of engineering and organisation of educators in the field of engineering and Dr. B. S. Sureau, Chan and Dr. K. Gopinath, Principal, SDMCET, Dharwad technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is, it's strong base in technical education institutions in the country.

About the Institution:

Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad was established in the year 1979 under the flagship of SDME Society and has grown into one of the nationally acclaimed premier engineering institutions of the country. President of SDME Society Padma Vibhushana Dr. D. Veerendra Heggade, Dharmadhikari of Shri Kshetra Dharmasthala is the guiding spirit and driving force for all progress and achievement of all the institutions established under SDME Society. Under the able leadership and guidance of Management, Principal and sincere efforts of competent Faculty, SDM College of Engineering and Technology is making successful strides towards new horizons and aims to scale at greater heights. Due to its commendable achievements over a period of time, the college has been accredited thrice by the NBA and owing to its academic excellence over the years it has also been granted with Autonomous Status Visvesvaraya Technological University, Belagavi and University Grants Commission, New Delhi.

#### Registration form (Google form link):

https://tinyurl.com/FDPSDMPHASE3

https://forms.gle/3hMmTfG4tSE7nqB67

#### Chief Patrons:

Poojya Dr. D. Veerendra Heggade President, SDME Society, Ujire Dr.Anil D. Sahasrabudh Chairman, AICTE, NewDelhi Dr. Pratapsinh Kakaso Desai President, ISTE, New Delhi

#### Advisory Committee Prof. D. Shreenivas Bhat, Dean (SW), SDMCET, Dharwad,

Prof. G. L. Rajabanshi, Dean (Admin), SDMCET, Dharwad Dr. R. L. Chakrasali, Dean (Academic), SDMCET, Dharwad. Dr. Satish S.Bhairannavar, Dean (CIII), SDMCET, Dharwad. Dr. Vijaya C, HOD, Dept. of ECE, SDMCET, Dharwad. Dr. U. P. Kulkarni, HOD, Dept. of CSE, SDMCET, Dharwad. Dr. G. A. Bidkar, Professor, Dept. of ECE, SDMCET, Dharwad Dr. Shridhar A Joshi, MIS Officer, SDMCET, Dharwad Prof. Savitri Raju, COE, SDMCET, Dharwad Prof. Nijananda Reddy, Hony. Secretary, ISTE, Karnataka Section

Prof. S. S. Kerur, Dept. of ECE, SDMCET, Dharwad

#### Organizing / Technical Program Committee

Prof. C. M. Chelli, Dean (IPD), SDMCET, Dharwad

Dr. K. N. Hosur Dr. Jayashree C. Nidagundi Dr. Sharada Sajjan Dr. S. S. Navalgund Prof. Sumangala B Prof. Shrikanth K. Shirakol Prof. Raghuram K. M Prof. Preeti. B. Prof. Channakka L. Prof. Megha G. S

For Correspondence Contact: Prof. S. S. Kerur, Programme Co-ordinator, Department of Electronics and Communication Engineering, SDM College of Engineering and Technology, Dharwad-580002, Karnataka, Engineering and Technology, Dharwa India. Mobile:8217881146, 9448789455 Email ID: fdp.aicte.iste@gmail.com



SDM Educational Society, Ujire

Shri Dharmasthala Manjunatheshwara College of

**Engineering & Technology** Dharwad- 580002 (Karnataka State)

(An autonomous institution approved by AICTE, affiliated to VTU Belagavi, Accredited by NBA)



One Week AICTE-ISTE sponsored Induction/Refresher Programme (Online) on

Accreditation: An Accelerator for Quality Improvement in Engineering Education

(Phase-3: 22nd to 28th April 2021)

#### Sponsored by:



All India Council for Technical Education (AICTE), New Delhi



**Indian Society for Technical** Education, (ISTE), New Delhi

Organised by Dept. of Electronics and Communication Engineering SDM College of Engineering and Technology,

Dharwad Phone No: 0836-2447465 Fax: 0836-2464638 Website: www.sdmcet.ac.in Email: fdp.aicte.iste@gmail.com

About the Electronics and Communication Dept.
The Department of Electronics and Communication Engineering was established in the year 1980. Currently there are 28 faculty including 12 Doctorates with rich academic and research experience. The present intake of 120 students for the Undergraduate program i.e. B.E. in Electronics and Communication Engineering. Also there is a Postgraduate program i.e. M.Tech in Digital Electronics. The department is recognized by VTU as Research Centre. There are 27 research scholars working in different areas currently. The Department is actively involved in training the students at Bosch-Rexroth's Centre of Excellence. The department has several funded projects to its credit from various agencies like DST, AICTE, VGST, ISTE and Institution of Engineers. There are several publications in various National and International journals/conferences from faculty members and students of the department. The faculty in the department train the students across the college in the domain of their expertise, which help the students for placements, through Centre for Industry Institute Interface (CIII).

#### About ISTE:

The Indian Society for Technical Education (ISTE) is the leading national professional non-profit making society for Expected Outcome: the technical education system in our country with the motto of career development of teachers and personality development of students and overall development of our technical education system. Being the only national organisation of educators in the field of engineering and technology, ISTE effectively contributes in various missions of the Union Government. The strength of ISTE is, it's strong base in technical education institutions in the Course content: country. ISTE has an Executive Council at national level. It has active membership of more than 128500 technical teachers, 535000 student members, more than 2740 institutional members (including IITs, IISc., NITs and other > leading technical institutions), 1414 faculty chapters and 1505 students' chapters at national level and 19 Sections at state level.

ISTE is actively involved in many activities conducted by All India Council for Technical Education New Delhi (AICTE) and National Board of Accreditation New Delhi (NBA). ISTE has collaboration and MoUs with government organisations and various Universities for the quality > promotion of technical education in the country.

#### About the Faculty Development Programme (FDP): The objective of this FDP is to create awareness on

Accreditation and provide platform to explore the latest trends in quality of technical education. The FDP emphasizes on processes to address the current issues and provides and provides encouragement to faculty to contribute towards the Institution growth in a better way. In the Indian context, higher education (HE) is undergoing tremendous changes for betterment. Parameters for measurement of Quality and processes for quality verifications have become today's challenges. Its relevance has made mandatory for all the technical institutions to go for accreditation. In this light, this FDP will create an awareness and make an attempt to address the possible remedies to the problems faced by HE.

#### Objectives and Context

- Create awareness on Accreditation.
- > Provide a platform for understanding the finer aspects of accreditation
- ➤ Facilitating quality improvement in engineering education through accreditation.
- Suggest remedies to present and future challenges of technical education.

- Evolution of newer processes for maintaining the quality. Re-frame Institutional policies to meet the expected growth
- rate of colleges.
- More involvement of all the stakeholders.
- Encouraging all the institutions of Higher Education to go for accreditation.

- Need of Accreditation in Engineering education.
- Types of Accreditation and their role in quality improvement.
- Present and future challenges in Quality improvement and accreditation.
- OBE Theory and Principle
- Role of Engineering education in Post COVID period: Societal perspectives.
- R&D perspective on Accreditation process.
- Need of Curriculum gap identification and addressing from accreditation perspective.
- Examination reforms for Quality improvements.

#### Eligibility:

Faculty members, Research Scholars from AICTE recognised Institutions and delegates from industries.

#### Important Dates:

Last date of registration: 17th April, 2021 Selection of intimation: 19th April, 2021 Programme Dates: 22<sup>nd</sup> April, 2021 to 28<sup>th</sup> April, 2021

#### Registration:

No registration fees (Max. participants allowed: 100, on ome first serve basis). Preference will be given ISTE life members and those who are applying for ISTE membership soon. E-certificates will be given to the participants those who are satisfying the requirement of 80% or more attendance and 60% or more marks in quiz which will be conducted during/end of the FDP. However, the participants who obtained the participation certificate earlier in Phase-1, will not be getting again.

Resource Persons: Eminent Professors from organizations like IIT's, IISc., NIT's and from various Research Institutions and Industries

Online Platform: Google Meet (Meeting link will be shared through registered email id)

#### Institution Vision:

To develop competent professionals with human values.

#### Institution Mission:

- To have contextually relevant curricula.

  To promote effective Teaching Learning Practices supported by Modern Educational Tools and Techniques. To enhance Research Culture.
- To involve the Industrial Expertise for connecting Classroom contents to real-life situations
- To inculcate Ethics and soft-skills leading to overall personality development.

#### Institution Quality Policy:

In its quest to be a role model institution, committed to meet or exceed the utmost interest of all the stake holders.

Institution Core Values: Competency, Commitment, Equity, Team work and Trust

#### **Banner**



on

## Accreditation: An Accelerator for Quality Improvement in Engineering Education"

(22<sup>nd</sup> to 28<sup>th</sup> April 2021)

Organised by

Department of Electronics and Communication Engineering, SDM College of Engineering and Technology, Dharwad

#### **Sponsored by:**

All India Council for Technical Education (AICTE), New Delhi Indian Society for Technical Education, (ISTE), New Delhi





Dr. S. S. Kerur Programme Coordinator Dr. Vijaya C. HOD, ECE Dr. K. Gopinath Principal



#### One Week AICTE-ISTE sponsored Induction/Refresher Programme (Online) Phase-3 on

#### "Accreditation: An Accelerator for Quality Improvement in Engineering Education"







Organised by

Department of Electronics and Communication Engineering and Department of Electrical and Electronics Engineering,

SDM College of Engineering and Technology, Dharwad

Inauguration and Key note address by Dr. K. K. Aggarwal, Chairman, NBA, New Delhi (on 22nd April 2021 at 9:25AM)

To Create awareness on Accreditation and provide a platform for understanding the finer aspects of accreditation. Facilitating quality improvement in engineering education through accreditation and to Suggest remedies to present and future challenges of technical education.

- Need of Accreditation in Engineering education.
- · Types of Accreditation and their role in quality improve-
- Present and future challenges in Quality improvement and
- OBE Theory and Principle.
- Role of Engineering education in Post COVID period: Societal perspectives
- · R&D perspective on Accreditation process.
- Need of Curriculum gap identification and addressing from accreditation perspectiv
- Examination reforms for Quality improvements.

#### Invited Speakers:

Prof. Mahadey Prasanna Prof. Nidhi M.B

MBCET, Kerala Prof. U. P. Kulkarni Prof. Prasad Krishna

SDMCET, Dharwad NITK, Suratakal

Prof. V. K. Parvati Prof. Saroja.S KLE Tech, University, Hubli SDMCET, Dharwad

Prof. C. M. Javalagi Prof. S. S. Navalgund BEC, Bagalkot SDMCET, Dharwad

Prof. Nataraj.Vijapur Prof. Vadiraj Katti SDMCET, Dharwad RVITM, Bangalore Prof. A. K. Kulkarni Prof. P. S. Grover

K.H.K Polytechnic, Dwd ex-Director, Delhi University Prof. Venkata Ramu Prof. R. Sakhtivel

VIT, Vellore Presidency University, B'luru Prof. Amit Prakash Singh Prof. S. S. Kerur GGSIPU, New Delhi SDMCET. Dharwad

Organizing Committee:

Dr. K. N. Hosur Dr. Sharada Sajjan Dr. Jayashree C. Nidagundi Dr. S. S. Navalgund Prof. Sumangala B Prof. M. Vijaykumar Prof. Kotresh Marali Prof. Channakka L. Prof. Reshma Nadaf Prof. Preeti. B. Prof. Shrikanth K. Shirakol Dr. Vyas Murnal Prof. Raghuram K. M. Prof. Megha G. S

#### **Expected Outcome:**

- · Evolution of newer processes for maintaining the quality.
- · Re-frame Institutional policies to meet the expected growth rate of colleges.
- More involvement of all the stakeholders.
- · Encouraging all the institutions of Higher Education to go for accreditation.

Faculty members from AICTE recognised Institutions and delegates from industries

Online Platform: Google Meet (Meeting link will be shared through registered email id

#### Registration details:

Registration fees: Free

Registration mode: Online

Registration link: https://tinyurl.com/FDPSDMPHASE3

Preference will be given to ISTE members

Last date for registration: 17th April, 2021

#### Chief Patrons:

Poojya Dr. D. Veerendra Heggade President, SDME Society, Ujire Dr.Anil D. Sahasrabudhe Chairman, AICTE, NewDelhi Dr. Pratapsinh Kakaso Desai President, ISTE, New Delhi

#### Patrons:

Dr. Yashoverma.B

Secretary, SDME Society, Ujire

Sri. Jeevandhar Kumar

Secretary, SDME Society, Dharwad

Col. B. Venkat

Director, Faculty Development Cell, AICTE. Prof. Vijay D. Vaidya

Executive Secretary, ISTE, New Delhi

Dr. D. S. Suresh

Chairman, ISTE, Karnataka Section

Dr. K. Gopinath Principal, SDMCET, Dharwad

Programme Co-ordinator: Prof. S. S. Kerur, Dept. of ECE, SDMCET, Dharwad Mobile: 8217881146, 9880863708, 9886059174, 9448789455; email ID: fdp.aicte.iste@gmail.com

## SDM College of Engineering & Technology, Dharwad-02 Department of Electronics & Communication Engineering

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One Week AICTE-ISTE sponsored Induction/Refresher Programme (Online) on "Accreditation: An Accelerator for Quality Improvement in Engineering Education"

## 18th to 24th February 2021 Inaugural Program Schedule

Event Details	Timings
Welcome Speech by the Principal	9.30 AM – 9.35 AM
Dr. K. Gopinath, SDMCET, Dharwad	9.30 AW – 9.33 AW
Lighting the Lamp by Dignitaries	9.35AM to 9:40 AM
Significance of Refresher Program	
by Coordinator	9.40 AM to 9.45 AM
Dr.S.S.Kerur, SDMCET, Dharwad	
1) Introduction of Chief Guest	
2) Address by Dr.K.K.Aggarwal,	9.45 AM to 10:20 AM
Chairman, NBA, New Delhi.	
1) Introduction of Guest of honour	
2) Address by Dr.D.S.Suresh,	10:20AM to 10:30AM
Chairman,ISTE,Karnataka Section	
Address by Secretary,	
SDME Society, Dharwad	10:30 AM to 10.40 AM
Shri. Jeevandhar Kumar	
Vote of Thanks by Dr. Vijaya C., HOD, EC	10.40 AM to 10.45 AM

## **Detailed schedule of Refresher program**

SDM College of Engineering & Technology, Dharwad-02

**Department of Electronics & Communication Engineering** 

PHASE\_3 ONLINE One Week AICTE-ISTE Sponsored Induction/Refresher Programme on "Accreditation: An Accelerator for Quality Improvement in Engineering Education" (22<sup>nd</sup> to 28<sup>th</sup> April,2021) (excluding Sunday)

Program Schedule

	9.30AM-11AM Inauguration & Inaugural address by	11.15AM-12.45PM Session I		2.45PM-4.15PM Session II
Day1	Dr.K.K.Aggarwal,Chairman,NBA, ND &	Relevance of OBE for Accreditation		Bloom's taxonomy and its use in designing assessments  Prof. U.P.Kulkarni
22/4/2021	Dr.D.S.Suresh ,Chairman, ISTE, Karnataka Section	Dr.P.S.Venkat Ramu, Dean-Academics Presidency University,B'lore	L U	SDMCET, Dharwad
	9.30AM-11AM Session III	11.15AM-12.45PM Session IV	N C	2.45PM-4.15PM Session V
Day2	Outcome and other models of Engineering	Outcome Based Education : A means for enhancing employability	H B R E	Accreditation : A quality initative Dr.Nidhi M B Dept., of Mech., Engg.,MAR BASELIOS, College of
23/4/2021	Education Dr.Mahadev Prasanna, IIT,Dharwad	Prof.Prasad Krishna NITK, Suratkal	A K	Engg and Technology, Tiruvananthapuram, Kerala
	9.30AM-11AM Session VI	11.1 5AM-12.45PM Session VII		2.45PM-4.15PM Session VIII
Day3	Reforms in examination for quality improvement	Outcome mapping matrices assessment and rubrics Dr.P.S.Grover.,		NEP -2020 and issues in Accreditation Dr. S S Kerur
24/4/2021	Dr.C M.Javalagi, BEC,Bagalkot	Ex-Director, GGSIPU,Newdelhi		SDMCET, Dharwad

	9.30AM-11AM Session IX	11.15AM-12.45PM Session X	2.45PM-4.15PM Session XI
Day4 26/4/2021	PEO/PO-CO mapping : A means to attain outcome Prof.Amit prakash Singh GGSIPU, New Delhi	Discussion on NBA and SAR Filling(c1-c4)  Dr.Nataraj Vijapur RVITM, Bangalore	Significance of value addition programs in Accreditation process Prof. S.S.Navalgund SDMCET, Dharwad
Day5	9.30AM-11AM Session XII How to contribute various stake holders in Accreditation process Prof.V.K.Parvati	11.15AM-12.45PM Session XIII  Discussion on NBA and SAR Filling(c5-c10) Dr.R.Sakhtivel, VIT, Vellore	2.45PM-4.15PM Session XIV  Professional ethics and skill development as drivers of future engineering education Prof.A.K.Kulkarni, Former Principal,KHK Polytechnic, Dharwad
Day6 28/4/2021	9.30AM-11AM Session XV  Role of research in Accreditation process Dr.Vadiraj Katti Emeritus Professor SDMCET,Dharwad	11.15AM-12.45PM Session XVI  Project based Learning to enhance employability and Enterpreneurship  Dr. Saroja V Siddamal Professor School of Electronics and Communications KLE Technological University Hubballi	2.45PM-4.15PM Valedictory and Feedback

Dr. S S Kerur

Program Co-ordinator

## **Contact Details of Resource Persons**

SI. No	Name	Organization	Topic
1	Prof. Venkata Ramu	Dean(Academics), Presidency University, Bangalore deanacademics@presidencyuniversity.in 78996 49398(M)	Relevance of OBE for Accreditation process
2	Prof. U. P. Kulkarni	SDMCET, Dharwad <u>upkulkarni@yahoo.com</u> , 0836-2328360, 9448915301 (M)	Bloom's Taxonomy and its use in Designing assessments
3	Dr. S. R. Mahadeva Prasanna	Professor, Dept. of Electrical Engineering, Indian Institute of Technology, WALMI Campus, PB Road, near High Court, Dharwad. +91-0836-2212840 9954008138 (M)	Outcome and other Models of Engineering Education
4	Prof. Prasad Krishna	NITK, Surtakal <u>krishnprasad@nitk.edu.in</u> , 9182473666 or 3911 9481263296(M), 7892837858(M)	Outcome based Education : A means for enhancing employability
5	Prof. Nidhi M. B.	Professor, Dept. of Mechanical Engineering, MAR BASELIOS College of Engineering and Technology, Tiruvananthapuram, Kerala 9447205900	Accreditation: A Quality Initiative
6	Prof. C. M. Javalagi	Professor in IP Dept., BEC, Bagalkot cmjavalagi@gmail.com, 9448751788(M)	Reforms in examination for quality improvement
7	Prof. P. S. Grover	ex-Director, Delhi University, Director General, GGSIP University, New Delhi drpsgrover@gmail.com Mob Tel: 09910045520(M)	Outcome mapping matrices assessment and Rubrics
8	Prof. S. S. Kerur	Department of E&CE, SDM College of Engineering and Technology, Dhavalagiri, Dharwad-580002 8217881146 (M)	NEP-2020 and Issues in Accreditation
9	Prof. Amit Prakash Singh	GGSIPU, New Delhi 9899166168(M) amit@ipu.ac.in	PEO/PO-CO mapping: A means to attain outcome

10	Duef Natausi Viisuus	R.V. Institute of Technology and	Discussion on NBA and SAR
10	Prof. Nataraj Vijapur	R.V. Institute of Technology and Management Bengaluru 9845734228(M) nvijapur@gmail.com	Filing (c1-c4)
11	Prof. S. S. Navalgund	Department of E&CE, SDM College of Engineering and Technology, Dhavalagiri, Dharwad-580002 siddunavalgund@yahoo.com 9880863708 (M)	Significance of Value addition programs in Accreditation Process
12	Prof. V. K. Parvati	Department of ISE, SDM College of Engineering and Technology, Dhavalagiri, Dharwad-580002 9845253751 (M)	How to contribute various stake holders in Accreditation Process
13	Prof. R. Sakhtivel	School of Electronics VIT, Vellore rsakthivel@vit.ac.in 9994627570(M)	Discussion on NBA and SAR Filling (c5-c10)
14	Prof. A. K. Kulkarni	Former Principal, KHK Polytechnic, Dharwad. 8073479394 (M)	Professional Ethics and Skill Development as Drivers of Future Engineering Education
15	Prof. Saroja Siddamal	Professor School of Electronics and Communication, KLE Technological University, Hubballi 9480369502 (M)	Project base Learning to enhance employability and Entrepreneurship

### **Bio-data of Resource Persons**

#### Biodata of Prof. P.S. Venkataramu:

#### KEY DELIVERABLES:

- 1. Developing outcome-based education system and implementation.
- 2. Developing and Deploying the Quality Assurance System.
- 3. Preparing institution for National, international &Industry Accreditations &Rankings.
- 4. Mentoring Faculty Members for proper delivery of lectures and Practical Sessions based on pedagogical norms and as required by the outcome based education
- 5. Assessment and Accreditation of an Educational Institution for its Quality Deliverables.
- 6. Training Faculty Members for an Internal Academic Auditing.
- 7. Students' Mentoring.
- 8. Motivating Faculty, Members and students for research based learning.
- 9. Efficient Academic Administration
- 10. A dedicated professor in the area of electrical engineering.

#### **CURRENT POSITION:**

DEAN-Academics, Presidency University, Bangalore

N.A.A.C. Assessor [As a Peer Team Member for assessing University and colleges]

Conducted about 120 workshops on different aspects of O.B.E.in various institutes country and trained over 1000 faculty members on Concepts and Implementation of O.B.E.

#### **CAREER SUMMARY:**

1980 to 1983: Electrical Instructor (Academic (Training) at C.S.I.V.C. Tumkur

1983 to 1997: Electrical engineer (Industry) at Electricity Department, Goa

[As an Electrical Engineer Worked on various Projects from Conceptual Stage to Commissioning Stage]

1997 to 2000: Assistant Professor (Academic (Teaching) at Vellore Engineering College, Vellore

2000 to 2002: Associate Professor (Academic (Teaching) at V.I.T. University, Vellore

2002 to 2007: Professor and Head (Academic (Teaching & Administration)

Professor and Dean (Academic (Teaching & Administration) at V.I.T. University,

[Worked as a key Member of the University for Various Committees and actively contributed towardsI.S.O., N.B.A., NAAC, I.E.(I),IET(U.K.) & ABET Accreditations.]

2007 to 2015: Professor and Principal (Academic & Administration) at GyanGnaga Institute of Technology & Management, Bhopal.

As a Founder Principal, Developed the Institute as one of the best Institute in the State and worked towards N.B.A. Accreditations of all the Group Institutes]

2015 to 2018: Dean-Internal Quality &Staff Development, REVA University, Bangalore [Established the Quality System for course Planning &Delivery based on Out Come Based Education System and trained about 380 Faculty Members on OBE]

2001 to 2020: Conducted over 100 workshops on Outcome Based Education and trained about 2000 faculty members on effective implementation of O.B.E concepts.

EDUCATIONAL QUALIFICATION.

M.Tech. &Ph.D. FROM N.I.E. MYSORE.

TRAINING: ONE YEAR OF PEDAGOGICAL TRAINING AT ADVANCED TRAINING INSTITUTE, CHENNAI.

#### RESEARCH PROFILE

Area of Research: Power System Planning and operation- Modelling and Analysis, Application of soft computing techinques to power system planning and operation studies, Big data application to power system Planningh and operation studies.

Guided Two Research Scholars for Ph.D.

#### Biodata of Dr. U. P. Kulkarni:

Dr. Umakant P Kulkarni is a Professor and Head in the department of Computer Science & Engineering at SDM College of Engineering and Technology, Dharwad, Karnataka, INDIA.

He has obtained his Bachelor of Engineering (BE- CSE) in 1989 from Karnataka University, Master of Engineering (CSE) in 1991 from P.S.G College of Technology, Coimbatore and PhD from Shivaji University, Kolhapur. He has guided several U.G, P.G and PhD students. He has conducted several Workshops/training programs in the CSE domain and specifically in Outcome Based Education (OBE).

He has published several papers and obtained copyrights in the specific area of stream processing and OBE framework related work. He has completed one AICTE Funded project (9.5 Lacs). His area of interest includes Distributed Systems and Applications, Pervasive and Ubiquitous Computing, Software Agents and NBA/NAAC accreditation based on OBE framework.

Presently he is coordinator for NBA at College level.

#### **Biodata of Dr. Mahadeva Prasanna:**

- Professor, Dept of Electrical Engineering, IIT Dharwad
- WALMI Campus, Near High Court, PB Road, Dharwad 580011, Karnataka India
- prasanna@iitdh.ac.in
- Google Scholar: <a href="https://scholar.google.co.in/citations?hl=en&user=r27uBmcAAAAJ">https://scholar.google.co.in/citations?hl=en&user=r27uBmcAAAAJ</a>
- Detailed CV:

#### Academic Experience:

Professor, Dept of Electrical Engineering, IIT Dharwad, July 2017 - till date

- Professor, Dept of EEE, IIT Guwahati, April 2012 July 2017
- Associate Professor, Dept of EEE, IIT Guwahati, August 2007 April 2012
- Assistant Professor, Dept of EEE, IIT Guwahati, August 2004 August 2007

#### Qualifications:

- PhD, IIT Madras, 2004
- MTech, NITK Surathkal (then KREC Surathkal), 1997
- BE, SSIT Tumakuru (then with Bangalore University), 1994

#### Administrative Experience:

- Dean (Faculty Welfare, Research & Development), IIT Dharwad, July 2017 till date
- Dean (Research & Development), IIT Guwahati, July 2015 July 2017
- Associate Dean (Research & Development), IIT Guwahati, Oct. 2014 July 2015
- Chairman, GATE 2011, IIT Guwahati, June 2010 May 2011
- Organizing Vice Chairman, GATE 2010, IIT Guwahati, June 2009 May 2010
- Chairman, Students' Welfare Board, IIT Guwahati, Aug. 2007 May 2009
- Faculty-in-Charge, Counselling Cell, IIT Guwahati, Aug. 2005 July 2007

#### **Industry Interaction Experience:**

- Consultant for many PSUs and PVT Ltd companies
- CoFounder, DFM Infoanalytics, July 2016 till date
- CoFounder, Speechwarent Pvt. Ltd., July 2011 till date

#### **Research Interests:**

- Speech and Handwriting Processing
- Applications of Signal Processing and Pattern Recognition
- Applications of Artificial Intelligence, Machine Learning and Deep Learning

#### **Teaching Interests:**

#### Signals and Systems, Signal Processing

- Probability and Random Processes, Data Analytics
- Pattern Recognition and Machine Learning (PRML)
- Neural Networks and Deep Learning (NNDL)
- Speech Processing

#### **Student Guidance:**

- PhD: 18 completed, 12 ongoing
- MTech: 26 completed
- BTech: 36 completed, 02 ongoing

#### **Biodata of Prof. Prasad Krishna:**

#### **Qualifications:**

Ph.D. (University of Michigan, Ann Arbor, USA), Manufacturing

M. Tech (IIT Madras), Machine Tools

B. Tech (NITK/KREC Surathkal), Mechanical Engineering

#### **Subjects taught:**

Machine Tools and Metrology, CAD/CAM Elements of Mechanical Engineering, Design and Manufacturing Measurements, Instrumentation and Control Fluid Mechanics and Heat Transfer, Hydraulics and Pneumatic Control, Computer Graphics, Oil Hydraulics, Machine Tool Design and Analysis, Manufacturing Technology, Thermodynamics of Materials, NC & Automation Mechanics of Composites, Control Systems Engineering, Ceramics Science and Technology, Instrumentation and Control Systems, Fluid Power Control, Materials Science and Metallurgy, Materials Selection in Mechanical Design, Tool Engineering and Design, Mechanical Behaviour of Materials.

#### **Research Interests:**

CNC Machine Tools and Robot Calibration, Error compensation strategies for CNC Machine Tools, High Speed spindles and High Speed Indexing Turret for CNC Turning Centers, Fluid Power Control Systems, Processing of Advanced Materials and light alloys, Modeling and Simulation of Solidification Processes, Characterization of Interfacial Heat Transfer in Permanent Mold Casting Processes.

He has many research publications to his credit.

#### Biodata of Dr. Nidhi M. B.:

Education: Chinmaya Vidyalaya, Vazhuthacaud 1992, seventh, 1985-1992

Marthoma High School, 8th to 10th std – 1992 - 1995

ST Thomas Central School ,plus 2 science stream, 1995-97

BTECH in Productional and Industrial Engineering 1998-2001

MTECH in Industrial engineering – 2006 – 08

#### Experience:

- 1) I E, in Leelalace Company Name in the year 2001 2003 in Maintaining System for Productivity.
- 2) Lecturer in SaintGits College of Engineering, kottayam in the year 2004 2007.
- 3) Sr. Lecturer in mechanical dept. in Mar Baselios engg. College from June 2009 feb 2010.
- 4) Assistant Professor in Mechanical Dept. in MBCET from June 2009 till today as Industry interaction cell Projects in house and funded/consulting training and mentoring. Area of interest:
- Sustainability
- Energy management
- M learning
- Supply chain Management

- Bio-informatics
- Operation research and Industrial engineering applications
- Logistics Management
- Nature Inspired Algorithm and Optimization
- Disassembly and Eco design
- Pedagogy and New learning methods.
- Education research etc

#### **Publications:**

#### **Books Published**

1. Supply chain modeling under carbon trading. Nidhi MB and V. Madhusudanan Pillai. IGI Global 2018.DOI: 10.4018/978-1-5225-5424-0.ch016 and many technical and non-technical publications.

#### Awards/Achievements:

- Received the Best Faculty Advisor award of ISTE Kerala section from Hon.Governor of Kerala on the occasion of 31st ISTE Annual Faculty Convention of ISTE dated 23 Jan 2021.
- Received the best paper award from 35th Indian Engineering congress by IEI (india) on the paper Self Reliance: A context of Sustaining Indian Automobile Industry, dated 18 Dec 2020. The student co authors are Mr Rohit Radha krishnan and Mr Vaisakh, students of seventh semester Mechanical Engineering.
- She has won the ISTE Calcutta convention National award for the Best paper presented in the national convention during 2018 for her paper on "Enablers to concoct graduates Industry 4.0 ready", at 48thAnnual National Convention of ISTE at VTU Belagavi, Karnataka, 19-20 March 2018.
- Conferred Fellowship from IIIE at SVNIT, Surat, dated 6thDEC 2019 on the occasion of IIIE Annual National Convention.
- Conferred the National award for Substantial contributions in Industrial Engineering instituted by IIIE, received at Nagpur, on 22nd Oct

#### Professional Memberships:

- ISTE Life member, (National Executive council member, News letter in charge Kerala Section)
- IIIE Executive member 2009, (Jt secretary Trivandrum chapter during 2015-2017)

#### Biodata of Prof. C. M. Javalagi:

**Designation** : **Professor** (CAS)

Department : Industrial and Production Engineering

Employee ID : TIP002

E mail ID : cmjavalagi@gmail.com (College official ID), cmjip@becbgk.edu

(Personal mail ID)

Contact details : #26, P. No.- 38, 12<sup>th</sup> Main

Vidyagiri

**Bagalkot - 587102** 

Qualification : PhD in Mechanical Engineering

:

**Professional Experience** 

Teaching experience : 28 years Industry experience : 00 years

Administrative Responsibilities

- *Director*, Basaveshwar Institute of Management Studies (BIMS), Bagalkot
- *In Charge Head*, Department of Industrial and Production Engineering, BEC Bagalkot
- *Nodal officer-Academic* TEQIP-II and TEQIP-III, BEC-Bagalkot
- Coordinator, IQAC, Basaveshwar Engineering College(A), Bagalkot
- *Committee member* which prepared proposal for TEQIP-II
- **Member BEC-CED** (Basaveshwar Engineering College-Centre for Entrepreneurship Development)
- *BOE Chairman*, Paper setting and Moderator for I&P Engineering Department, BEC, Bagalkot
- *Coordinator* and *Student Advisor* for Production and Industrial Students Association (PIESA)
- Team member *becCampusLAN*, which was instrumental in setting up campus wide networking
- Deputy warden in BEC Hostels
- Warden BEC Hostels

Teaching

No. of Projects Guided

UG : 25 PG : 01

#### Biodata of Dr. P. S. Grover:

Prof. Grover is among the pioneers of computer education, research and training in the country in the field of computer Science and Engineering. He has been actively contributing to the growth of the discipline and ITC applications in various ways as member/chairman of several national committees of UGC, NBA, DOEACC, DEC-IGNOU, DRDO, etc. He is widely travelled and has lectured at several universities in India and Abroad. He has published over 150 research papers in national and international journals and 9 books. Dr. Grover has guided 25 Ph.D- students and organized 10 national conferences. He is Advisor/Consultant to three universities. Presently, he is Campus Director, KIIT Group of College, Gurgaon.

He has been associated closely with CSI since its beginning and has contributed in various ways as an active Member, Delhi Chapter Chairman, Divisional Chairman, Member Nominations Committee, Vice President and Associate Editor, CSI Communications. He has been closely interacting with the chapters and members all over India. Prof. Grover has also been twice Vice President of CSI.

#### **Professional Recognition:**

- o Senior Life Member, CSI
- o Member, IEEE Computer Society, USA
- o Fellow, Institute of Electronics and Telecommunication Engineers
- o Life Member, Indian Science Congress
- o Nehru Memorial Fellow, UK

#### **Other Relevant Information:**

- Campus Director, KIIT Group of Colleges, Gurgaon
- Director General, GuruTegh Bahadur Institute of Technology, Indraprastha University, New Delhi
- Consultant, Tata Consultancy Services, Trivandrum
- Dean and Head, Computer Science Department; DIRECTOR, Computer Centre, Delhi University, Delhi
- Advisor, Hamdard University (New Delhi); Eternal University, B. Sahib (HP)
- Senior Consultant, IGNOU
- President, Computer Science, Indian Science Congress

#### Biodata of Dr. S. S. Kerur:

Prof. S S Kerur has been working as faculty in the department of ECE, SDM College of Engineering and Technology, Dharwad (Autonomous college)(Karnataka) for the last 22 years. He is having total teaching and industrial experience around 25 years. His interested research areas include VLSI Architecture, real time embedded systems, Digital design etc., He has actively involved in the accreditation work of Dept.,/college. He is guiding 4 candidates for research program under VTU, Belagavi. Recently one research scholar has completed PhD under his guidance. He is reviewer and session chair of many national and international conferences. Dr. Kerur has published technical papers in reputed national and international journals and proceedings. He has worked as member secretary of DUGC and BOS for 6 years. He has guided good number of UG and PG projects.

He is the life member of professional societies like IETE,IE(I) and ISTE. Also served as Executive Council Member of ISTE for one term(2015-2019). Dr.Kerur is resource person/guest speaker in and aound colleges and universities. He is also the Deputy Co-ordinator of central govt., flagship program Unnat Bharat Abhiyan (UBA).

#### **Biodata of Dr. Amit Prakash Singh:**

#### **Education:**

Ph.D. [IT], M.Tech. [CSE], M.Sc. [Electronics]

#### **Teaching Experience:**

Dr. Amit Prakash Singh is working as Professor in University School of Information, Communication & Technology. He has joined GGS Indraprastha University as a Lecturer in July 2001 and promoted as Senior Lecturer in July 2006. He has been promoted as Associate Professor in 2012 and Professor in 2015. He obtained Ph.D. degree in Information Technology from Guru Gobind Singh Indraprastha University, Delhi in 2011. His research work in the area of Artificial Neural Networks. He obtained M.Tech (Computer Science and Engineering) from Guru Jambheswar University, Hissar and M.Sc.(Electronics) from Sardar Patel University, Vallabh Vidyanager, Gujrat. He has earlier worked as Lecturer in University of Hyderabad and Banasthali Vidyapeeth. His area of interest are Artificial Neural Network, Machine Learning and Data Science. He had developed laboratory and course curriculum of Embedded System Design and Digital System Design for B.Tech and M.Tech. Students. He is a member of IEEE, IETE, CSI, VLSI Society of India and Indian Microelectronics Society. He has published more than 50 Research papers in International/National Journals and attended various National/ International Workshops and Conferences. Dr. Singh visited UK, Portugal, Singapore & Thailand to present his research work in international conferences.

#### Biodata of Dr. Nataraj Vijapur

#### **Academic Qualifications:**

- 1. Completed Ph.D., in Electrical & Electronics from Visvesvaraya Technological University, Karnataka, India on "Efficient Glaucoma Detection based on Image Processing Techniques" on 28th June 2017.
- 2. Completed Master of Technology in VLSI Design & Embedded systems from Visvesvaraya Technological University, Karnataka, India with CGPA of 8.68 Points in the year 2009.
- 3. Completed Bachelor of Engineering in Electronics & Communication with Distinction (71.00%) from Karnataka University, Karnataka, India in the year 2001.
- 4. Completed Pre-University graduation with 81.00% (PCM) from G.S.Science College, Belagavi, Karnataka, India in the year 1997.
- 5. Completed S.S.L.C. (10th) with 81.92% from B.K.Model High School, Belagavi, Karnataka, India in the year 1995.
- 6. Coursera Certification
  - Neural Networks and Deep Learning
  - Structuring Machine Learning Projects
  - Improving Deep Neural Networks: Hyper-parameter tuning,
  - Regularization and Optimization
  - C Programming
  - Algorithms, Data Collection, and Starting to Code
- 7. Editorial Board Member/Reviewer of Journals/Resource Person/Guest Lectures/Session Chairs:
  - Editorial Board Member of Machine Learning Research Science Publishing Group, Rockefeller Plaza, New York, NY 10020, U.S.A.
  - Invited to deliver Short Term Training Program (STTP) on "Modelling Biomedical systems using Neural Networks" held on 1<sup>st</sup> Jan 2019, in KLE Dr. M. S. Sheshgiri College of Engg.,& Tech., Karnataka
  - Invited to review papers in Elseveir Journal of Information Processing in Agriculture, Elsevier B.V., Radarweg 29, 1043 NX Amsterdam, The Netherlands
  - Invited to deliver LIVE lectures throughout Karnataka on Analog Electronics Circuits in Visvesvaraya Technological University- EDUSAT Program.
  - Invited to review papers in The International Journal of Innovative Research in Engineering & Multidisciplinary Physical Sciences (IJIRMPS), Vejalpur, Ahmedabad, Gujarat, India.
  - Invited as a Chair Person in "National Conference on Skill Development and Entrepreneurship held on 27th and 28th of April 2018
  - Invited as a Jury member in "HSIT Quest 2018" for a technical paper presentation contest held at HIT, Nidasoshi
  - Visited C.B.Kore Polytechnic., Chikodi, Karnataka as a Guest lecturer on Analog & Digital communication

#### Biodata of Dr. S. S. Navalgund:

#### **CONTACT INFORMATION**

Assistant Professor

Department of E&C Engineering

S.D.M.College of Engineering and Technology,

Dhavalagiri, Dharwad-580002

Karnataka, India.

## RESEARCH INTERESTS EDUCATION

Fuzzy logic, Embedded Systems, Digital Signal Processing, VLSI.

Phone: +91-9880863708

Visvesvaraya Technological University, Belagavi, India

2020

PhD, Electrical Engg. Faculty S.D.M.C.E.T., Dharwad

Visvesvaraya Technological University, Belagavi, India

2004

M.Tech., Microelectronics and Control Systems

Karnatak University, Dharwad, India

2000

B.E., E&CE

#### **EXPERIENCE**

S.D.M. College of Engineering and Technology, Dharwad

Designation: Assistant Professor, Dept. of E&CE

2011 - Till date

S.D.M. College of Engineering and Technology, Dharwad

Designation: Senior Lecturer, Dept. of E&CE

2008 - 2011

S.D.M. College of Engineering and Technology, Dharwad

Designation: Lecturer, Dept. of E&CE

2005-2008

N.M.A.M.Institute of Technology, Designation: Lecturer, Dept. of E&E

2004-2005

# E-CONTENT DEVELOPMENT/TRANSLATION WORK ONLINE COURSES/ CERTIFICATIONS OBTAINED

- 1. Obtained the <u>Certificate of Appreciation from NPTEL</u> for translating the course on "Electrical Distribution System Analysis" into Kannada language, on 11th November 2020.
- 1. "Certificate of Energy Literacy" from Energy Swaraj Foundation on 21<sup>st</sup> August 2020.
- 2. NPTEL ELITE certification on "Teaching and Learning Engineering(TALE)" with 67% score earned during Feb-March 2019.
- 3. NPTEL SILVER certification on "Research Methodology" during 2019.

#### JOURNAL ARTICLES CONFERENCE PROCCEDINGS

total of 14 research publications. total of 20 conference papers.

## CONSULTANCY AND FUNDED PROJECTS JOINT INVETIGATOR

 Design, Synthesis and Implementation of Optimized Discrete Cosine Transform based Signal Processing System for Multimedia Applications Funding Agency: AICTE, New Delhi Principal Investigator: Dr. (Ms) Vijaya C.

Duration: 2 years (2012-2013) Amount: Rs. 6,75,000/-

**COORDINATOR** 

 Coordinated a Webinar on "National Education Policy: An Innovation Perspective", Speaker: Dr. B. G. Sheeparamatti, BEC, Bagalkot, organized by the Institute's Innovation Cell (IIC), SDMCET, Dharwad (online) on 30th December 2020.

 TEQIP 1.2 sponsored National Conference on "Recent Advancements in Electronics and Communication Engineering NCRAECE-2016" held on 24<sup>th</sup> September 2016 at SDMCET,

Dharwad.

#### **Biodata of Dr. V. K. Parvati:**

**Prof Vasudev K. Parvati** is an Associate Professor in the department of Information Science and Engineering, at S.D.M. College of Engineering and Technology, Dharwad, Karnataka, INDIA. He obtained his Bachelor of Engineering from SDM College of Engineering and Technology, Dharwad, Karnataka University, Dharwad, Karnataka, INDIA. He received his Master's degree in Technology from VTU, Belagavi, Karnataka, INDIA. He is pursing Ph.D. from Karnataka University, Dharwad, Karnataka, INDIA. He guided (02 each year) U.G. and 05 PG. students' projects. He has published 05 papers at National and 06 international journals. He is a member of BOE in CS, KUD., Ex-member of BOS in CS/IS in NIE MYSORE, &BOE in ISE, SDMCET, Dharwad.

#### Biodata of Dr. R. Sakhtivel:

#### **Biodata of Prof. Sakthivel R.:**

#### **ACADEMIC QUALIFICATIONS**

• DOCTOR OF PHILOSOPHY (PhD) (2009-2014)

University: School of Electronics Engineering, VIT University.

• MASTER OF ENGINEERING (2002-2004)

Institution : GCT, Coimbatore, Anna University

• BACHELOR OF ENGINEERING (1996-2000)

Discipline: Electrical and Electronics Engineering (EEE)

#### **BOOKS PUBLISHED**

- 1) R.Sakthivel, M.Sathyanarayanan and Sivagamy "Basic Electrical Engineering" Published by Sonaversity in the year 2001.
- 2) R.Sakthivel, "VLSI DESIGN", Published by S.Chand and Co., Delhi in 2000
- 3) R.Sakthivel, J.Jayagowri "Digital IC Design with Timing Issues", PHI publications in press

#### **HONOURS AND AWARDS**

- Co-Author for developing the "Technology Vision-2035" from TIFAC, DST India
- Won second prize for Medical Hackthon conducted in VIT in association with Harward University for the topic "Development of Nano Electronic Wireless Belt (NEWB).
- Interviewed as "The Featured person" by Texas Instruments in the UniTi Newsletter Nov 2011. <a href="http://www.uniti.in/component/content/article/82">http://www.uniti.in/component/content/article/82</a>
- Runner up for the Cadence Design Contest 2011 on the Topic "An efficient VLSI architecture for variable threshold simple edge preserved de-noising technique algorithm with improved signal to noise ratio"
- "A Novel Low-Power Area Efficient Reconfigurable Pipelined Two's Complement Multiplier with Reduced Error" Received third prize in WIPRO Paper presentation AAROHAN-2009
- Fellowship Award for VLSI DESIGN-2008 Conference held in Hyderabad.
- Received the Research award from VIT University for the last 7 years.

#### INDUSTRY COLLABORATION

- 1. Lab Created: "Texas Instruments Analog System Design Lab", Supported by: Texas Instruments, Bangalore. MoU Signed Dt: 15/4/2011
- 2. Lab Created: "Cadence Analog System Design Lab", Supported by: Cadence, Bangalore. MoU Signed Dt: 29/06/2010.
- 3. Lab Created: "FPGA/ SOPC Lab", Supported by: Altera, Banglore, MoU Signed Dt: 13/3/2010

#### **PUBLICATIONS**

Published nearly 60 research papers in peered reviewed journals and international conference <a href="http://orcid.org/0000-0002-1879-2080">http://orcid.org/0000-0002-1879-2080</a>

https://www.scopus.com/authid/detail.uri?authorId=55247470400

#### **MY ONLINE VIDEOS**

https://www.youtube.com/watch?v=2F5SkYbJVw0 https://www.youtube.com/watch?v=3IL--LULJEg

#### Biodata of Prof. A. K. Kulkarni:

1<sup>st</sup> class distinction from Madras University in March 2002. Studied as a regular student in NITTTR, Chennai.

B.E. (civil)

1<sup>st</sup> class from Karnataka university Dharwad in July 1976.

#### **WORK EXPERIENCE**

Director (Planning and Relationships, KLE Technological University Hubballi from August 24<sup>th</sup> 2015 to 31<sup>st</sup> October, 2019)

**Project Officer (Academic) ( on deputation)** 

#### Government of Karnataka, Department of Technical Education, Bangalore.

TEQIP world bank project from 11<sup>th</sup> July 2007 to July 2010.

#### Principal, KHK Institute of Engineering, Dharwad-580004

From 1<sup>st</sup> August 2010 to 31<sup>st</sup> January 2015. After two years in 2012 August was called on deputation to DTE Bangalore and further worked upto 2014 October then sent back to the post of Principal for official retirement.

Head of the Civil Department, Principal, KHK Institute of Engineering, Dharwad-580004 From 2003 January to July 2010.

#### Lecturer in Civil Engineering, KHK Institute of Engineering, Dharwad-580004

From 4<sup>th</sup> August 1976.

In period of service in KHKIE, he also parallel ly held following posts:

Director, Women Entrepreneurship Park

Canada India Institutional, Cooperation Model Project

Core competencies

- Excellent communicator/Motivational speaker and Trainer
- Creativity and innovation application
- Team Building and Organizational Capability
- Eloquent speaker in English and Kannada
- Promotes learning environment
- Strong inter personal skill
- Training material development in print & electronic media

#### Biodata of Dr. Saroja V. Siddamal:

Professional Experience:

- Co-founder and CFO of Magveh Energy Recovery Systems Pvt. Limited. (2016- till date)
- Professor, KLE Technological University, Hubballi (2002- till date)

#### Education:

- PhD from JNTU, Hyderabad.(2013)
- B.E(E&CE) from BVBCET, Hubli (1997)

She is the coordinator of product design and development group, coordinator of India chip. Dr. Saroja has many research paper publications in national and international journals of high reputation.

She holds 2 patents on "A suspension energy recovery system" and "temperature independent bias circuit for ultra-low power single ended oscillator". She is guiding many research scholars towards their PhD studies.

#### Opening remarks and significance of Refresher Program by the Coordinator

Respected Chief guest of today's inaugural function Dr. K. K. Aggarwal Sir, Chairman, National Board of Accreditation, New-Delhi, Guest of honour Dr. D. S. Suresh Sir, Chairman, ISTE Karnataka section, Secretary of SDME Society Shri Jeevandhar Kumar Sir, beloved Principal Dr. K. Gopinath Sir, Deans, our beloved HOD of ECE Dept Dr. Vijaya C Madam, other Heads of the departments, faculty colleagues, participants, members of media and online invitees,

A very good morning to one and all.

As the program coordinator, it is my proud privilege to present the opening remarks and significance of phase-3 of one-week AICTE-ISTE sponsored Induction/refresher program on "Accreditation: An Accelerator for Quality Improvement in Engineering Education", organized by the dept. of ECE of S. D. M. College of Engineering and Technology, Dharwad, from 22<sup>nd</sup> to 24<sup>th</sup> April, 2021.

Since the inception of human race, a term called "QUALITY" has been much used to indicate the level of commitment in completing a task of interest. Many parameters contribute to skillfully complete any job. The term QUALITY is an indication of dedication and willingness of individuals to attain highest levels of satisfaction in the process of contributing to society.

Well, it is a very evident fact that the engineering education in the country is changing at a very rapid pace. Needless to say that quality is mandated in the process. In this regard, accreditation is a very crucial tool for monitoring and guiding this mandate. Above this, the introduction of the new National Education Policy (NEP) has made it necessary to take up the issue of quality in engineering education and other allied fields with great importance. Hence, discussions/deliberations of high quality and impact are required to introspect, assess, plan and execute different dimensions which govern the quality parameters.

In this regard, the department of ECE is proud to host such an event of importance for the benefit of faculty from different corners of the country especially in and around of our institute.

We are highly thankful to the AICTE and ISTE for sponsoring this event. Earlier, the event was planned to be offline, but due to the COVID-19 pandemic, it is now in online mode. In this connection, we have successfully completed phase-1 during 7<sup>th</sup> to

12<sup>th</sup>, December 2020, and phase-2 was completed during 18<sup>th</sup> to 24<sup>th</sup> March 2021. During phase-1, a total of 103 participants have enriched their knowledge in accreditation and obtained participation certificates. And during phase-2, a total of 90 participants have been benefitted. Now we have organized Phase-3.

The present event features 6-days of serious deliberations on various aspects of accelerating the quality improvements in engineering education. An impressive array of resource persons is drawn from various channels of academia, including eminent persons like Dr. Mahadeva Prasanna from IIT-Dharwad, Dr. P.S. Grover, ex-director of Guru Govind Singh Indraprastha University, New Delhi and others, to name a few. Speakers are diligently selected from IITs, NITs, Government Universities, Private Universities, autonomous colleges and affiliated institutions. Eminent women resource persons are also on the list. On behalf of our college and AICTE-ISTE, I sincerely express my thanks and gratitude to them.

Few of the topics that will be covered include:

- Relevance of OBE for Accreditation process
- Accreditation : A quality initiative
- Reforms in examination for quality improvement
- NEP -2020 and issues in Accreditation
- Professional ethics and skill development as drivers of future engineering education
- Project based Learning to enhance employability and Entrepreneurship
- Blooms Taxonomy and setting of learning outcomes
- Significance of value addition programs in Accreditation process etc.,

The response from the participants has been overwhelming. There were a total of more than 205 responses for the event. The participants are from 9 different states of our country. With First-come-First-served notion and priority being given to ISTE members, a total of 100 participants have been finally shortlisted to join the event.

There are a total of 16 sessions, spread across 6 days, excluding inaugural and valedictory sessions. According to the guidelines, a minimum of 80% attendance is a must for the participants. An online quiz will follow, in which one needs to score a minimum of 60% to be eligible to get certified.

I want to acknowledge the support by AICTE and ISTE once again. Thank you Sirs. Also, thanks to our esteemed Management under the leadership of our beloved Shri Jeevandhar Kumar, for providing all the necessary arrangements. My sincere

thanks to our dynamic Principal Dr. K. Gopinath for being a guiding force in all possible ways. Our HOD Dr. Vijaya C madam has been monitoring and guiding this entire process of organizing. I sincerely thank her too. On behalf of the organizing team, I take this opportunity to thank all the participants for making it happen.

I sincerely wish that the discussions for the next 6-days will be the most fruitful ones, and the participants will have a great time with us.

Thank you one-and-all.

Dr. S. S. Kerur Program Coordinator

### **Brief Reports on each session**

In the beginning, a formal Inauguration was held. Galaxy of dignitaries were witnessed this event along with good number participants through virtual mode. Dr. K. K. Aggarwal, Chairman, NBA, New Delhi spoke on this occasion and asked participants to take maximum benefits by attending these kinds of programs. Also, he appreciated the efforts made by our institute to conduct such events. On this occasion another guest of honour Prof. D. S. Suresh, Chairman, ISTE, Karnataka Section congratulated all and presented the efforts made by the ISTE to conduct such types of events throughout the country. Our SDME Society Secretary Shri. Jeevandhar Kumar and Principal Dr. K. Gopinath spoke on this juncture and enlightened the institutes efforts in organizing such of events at regular intervals of time to update the faculty members across the nation.

The first session of day 1 was on "Relevance of OBE for Accreditation process" by Prof P. S. Venkatramu from Presidency University, Bengaluru. He set the context for the following discussion on the theme. He discussed on the need for accreditation in the modern world.

The second session of day 1 was held by Prof. U. P. Kulkarni on the topic "Bloom's Taxonomy and its use in Designing assessments", where he deliberated on different methods available for the successful design of assessment of students.

The first session of day 2 was on "Outcome and other Models of Engineering Education". The session was given by Dr. S. R. Mahadeva Prasanna, IIT, Dharwad. He described the various models used in engineering for understanding the efficacy of teaching-learning process.

The second session of day 2 was on "Outcome based Education: A means for enhancing employability". Prof. Prasad Krishna from NITK-Suratkal spoke on the occasion and discussed about the significance of OBE in view point of improving employability and image of the institutes.

The third session of day 2 was held by Dr. Nidhi M. B. Her topic was "Accreditation: A Quality Initiative". She narrated the pressing reasons to go for quality initiatives in today's world, and what are the measure that could effectively strengthen the quality parameters.

The first session of day 3 was on "Reforms in examination for quality Improvements" by Prof. C. M. Javalagi, BEC, Bagalkot. Sir indicated the best practices that can be used for making the assessment system stronger.

The second session of day 3 was on the topic "Outcome mapping matrices assessment and Rubrics" by Prof. P. S. Grover, GGSIPU, New Delhi. He has beautifully explained by taking various example as to how outcomes can be mapped easily, and how the rubrics play a vital role in ensuring quality teaching/learning process.

The third session of day 3 was on the topic "NEP-2020 and Issues in Accreditation". Dr. S. S. Kerur, SDMCET, Dharwad briefed on the various aspects National Education Policy, and the roles of educational institutions to make it a grand success.

Next, on day 4, the first session was on the topic "PEO/PO-CO mapping: A means to attain outcome" by Prof. Amit Prakash Singh, GGSIPU, New Delhi. Sir discussed the finer aspects of the topic, giving insights from a different perspective.

The second session of day 4 was on the topic "Discussion on NBA and SAR Filing (c1-c4)" from Dr. Nataraj Vijapur from RVITM, Bengaluru. Sir presented the finer aspects of SAR filling with examples.

The third session of day 4 was on the topic "Significance of Value addition programs in Accreditation Process" by Dr. S. S. Navalgund, SDMCET, Dharwad. He discussed many aspects of value added programs, and their relevance in placement and accreditation.

The day ended with useful questions and answers.

The first session of day 5 was on the topic "Discussion on NBA and SAR Filling (c5-c10)" by Prof. Sakhtivel, VIT, Vellore. Many details on effectively filling the SAR were discussed.

The second session of day 5 was on the topic "Role of Research in Accreditation" by Dr. Prasad Krishna, NITK, Suratkal. Sir narrated how research can complement the accreditation efforts of an institution. And also, discussions were held to indicate measures to promote research culture in institutions.

The third session of day 5 was the topic "Professional Ethics and Skill Development as Drivers of Future Engineering Education" by Dr. A. K. Kulkarni, KHK Polytechnic, Dharwad. The deliberation brought out some of the burning topics related to ethics. Discussion on how skills can supplement the role of engineers in building a better tomorrow were discussed.

On day 6, the first session was held by Dr. Saroja Siddamal, KLE Technological University, Hubballi on the topic "Project based Learning to enhance employability and entrepreneurship". Madam told

about her experiences of co-founding and mentoring a start-up in VLSI field. She also indicated the measure to be taken to boost the entrepreneurial activities on the campus.

The 2<sup>nd</sup> session of day 6 was on "How to contribute various stake holders in Accreditation Process", by Prof. V. K. Parvati, SDMCET, Dharwad. In his signature style, Sir narrated the different stakeholders, their contributions and what such contributions mean in the greater context of education.

The response from the participants has been overwhelming. There was a total around 200 responses for the event. With First-come-First-served notion and priority being given to ISTE members, a total of 100 participants were finally shortlisted to join the event.

There was a total of 16 sessions, spread across 6 days. According to the guidelines, a minimum of 80% attendance is a must for the participants. An online quiz will follow, in which one needs to score a minimum of 60% to be eligible to get certified. All the guidelines have been complied with.

## **List of Eligible Participants for Certification**

Sl. no.	Name	Designation	Institute Name	Mobile no.	Email Id	Quiz score
1	NITIKA ARORA	Assistant Professor	MMICT&BM (MCA),MULLANA,AMB ALA	7973220426	aroranitika26@g mail.com	15/25
2	LAXMI SHETTY	Assistant professor	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT BANTAKAL	9538714224	laxmishetty.ec@ sode-edu.in	16/25
3	YASHASWI	Assistant professor	SJM INSTITUTE OF TECHNOLOGY,GUNTU R,ANDHRA PRADESH	9858545567	ryashaswi436@g mail.com	15 / 25
4	KAVITA D.HANABARATT I	Asst Prof	GOGTE INSTITUTE OF TECHNOLOGY,BELAG AVI	9481558297	kdhanabaratti@g it.edu	19 / 25
5	GIRISH V BELGAUMKAR	Selection grade lecturer	K H KABBUR INSTITUTE OF ENGINEERING, DHARWAD	94487 57032	girishkhk@gmail .com	15 / 25
6	DR. AMRUT ANILRAO PUROHIT	Assistant Professor and ABET Officer	REVA UNIVERSITY,BANGAL ORE	9986166360	amrutpurohit@g mail.com	17 / 25
7	MANJUNATH.	Assistant professor	SJM INSTITUTE OF TECHNOLOGY,CHITR ADURGA	9945089906	manjucivil1985 @gmail.com	16 / 25
8	SURAJ J PATIL	Assistant professor	KLS GOGTE INSTITUTE OF TECHNOLOGY BELAGAVI	9980432774	sjpatil@git.edu	20 / 25
9	SANTOSH M PAPLE	Lecturer	GOVERNMENT TOOL ROOM AND TRAINING CENTRE,BELAGAVI	9886029098	santosh.paple@g mail.com	15 / 25
10	KAPIL MEHTA	AP	CHANDIGARH GROUP OF COLLEGES ,AJIT SINGH NAGAR,PUNJAB	9814210270	kapilmehta5353 @gmail.com	16 / 25
11	DR ANANDA BABU J	Associate professor	MALNAD COLLEGE OF ENGINEERING,HASSA N	9844081383	abj@mcehassan. ac.in	15 / 25 40
12	SACHIN	Assistant	SGBIT BELAGAVI	9620920055	sachin1573@gm	15 / 25

	DODABHANGI	Professor			ail.com	
13	MANJULA	Assistant professor	BGSIT, B.G.Nagar, Karnataka	8646623116	nannakanasu123 45@gmail.com	15 / 25
14	DR. NOORULLAH SHARIFF C	Vice Principal- Academic	SECAB INSTITUTE OF ENGINEERING AND TECHNOLOGY, VIJAYA PURA	9449791078	cnshariff1@gmai l.com	16 / 25
15	GANAPATI B JAGAD	Selection Grade Lecturer	JSS K H KABBURE INSTITUTE OF ENGINEERING, DHARWAD	9481280460	ganapatibj@gma il.com	15 / 25
16	AAYUSHI	Assistant Professor	MMICT&BM(MCA),AM BALA	9416784237	aayushichadha.2 37@gmail.com	17 / 25
17	LATHA S PATIL	Selection Grade Lecturer	ANJUMAN-E- ISLAM POLYTECHNIC GADAG	9741977717	lspatil1968@gm ail.com	22 / 25
18	PREETI BELLERIMATH	Assistant professor	SDMCET,DHARWAD	9902273217	prtbellerimath69 @gmail.com	23 / 25
19	DR BHAGYASHREE S R	Professor and Dean Research	ATMECE, MYSURU	99001 10944	bhagyashreeragh avan@gmail.co m	15 / 25
20	SUMANA L	Assistant Professor	SRI SIDDHARTHA INSTITUTE OF TECHNOLOGY,TUMKU R	0988699204 8	sumana.1nov@g mail.com	17 / 25
21	SHASHANK N	Assistant Professor	VIDYAVARDHAKA COLLEGE OF ENGINEERING, MYSURU	9900149566	shashankshashu2 7@gmail.com	23 / 25
22	MAHANTESH K MARIKATTI	Assistant professor	SDM CET, DHARWAD	9886497351	mkmarikatti@g mail.com	16 / 25
23	BHAGYA SHANTHAKUMA R	Assistant professor	BIET, DAVANAGERE	9844124330	bhagyashantaku mar@gmail.com	22 / 25
24	JAGADISH R ASUNDI	SL GR Lecturer	TSIT POLY HUBLI	9448922448	jap_281066@ya hoo.com	15 / 25
25	ANEEL NARAYANAPUR	Assistant Professor	SKSVMACET, LAXMESHWAR	8217658281	deeksha1506201 5@gmail.com	25 / 25
26	CHETHAN C	ASSISTAN T PROFESSO R	SRI VENKATESHWARA COLLEGE OF ENGINEERING,	9900403715	chethanc123@g mail.com	24 / 25

			BENGALURU			
27	MARIA NAVIN J R	Assistant Professor	SRI VENKATESHWARA COLLEGE OF ENGINEERING, BANGALORE	9738525948	marianavin.jr_ise @svcengg.edu.in	22 / 25
28	RAGHU K	RESEARCH SCHOLAR	THE NATIONAL INSTITUTE OF ENGINEERING, MYSURU	9880348521	raghu1240@gma il.com	21 / 25
29	JANI DILIP BATUKRAY	Associate professor	GOVERNMENT ENGINEERING COLLEGE DAHOD	9428044640	dbjani@rediffma il.com	17 / 25
30	SOMANATH PIDASHETTI	Lecturer	GOVT. POLYTECHNIC BAGALKOT	9916206699	gsoms.ece@gma il.com	18 / 25
31	VEERESH	Lecturer	GPT LINGASUGUR	0973150196 5	vvveeresh20@g mail.com	17 / 25
32	SHRUTI	Assistant Professor	GECW, SHARNA BASAVA UNIVERSITY, KALABURAGI	8123800794	Shruti1526@gm ail.com	21 / 25
33	DR. BALAJI GANESAN	ASSISTAN T PROFESSO R	HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE, Chennai	8610559691	gbalajihits@gma il.com	22 / 25
34	DR ANIL KUMAR	State Project Administrato r	SPIU-UP/MoE, GoI, Uttar Pradesh	9007560314	kr_anil3@rediff mail.com	21 / 25
35	SONIA MOUDGIL	Assistant Professor	Maharshi Markandeshwar Deemed to be University, Ambala, Harayan	7494870828	soniasharma7@g mail.com	15 / 25
36	PANKAJA R	Assistant Professor	SVCE, Bangalore	9880251249	pankaja.ssu@gm ail.com	16 / 25
37	ARPITHA SWAMY	LECTURER	GOVERNMENT POLYTECHNIC, ARAKERE, SRIRANGAPATNA	8970463291	ps.arpitha@gmai l.com	16 / 25
38	POOJA M	Assistant Professor	RMD Engineering College, Kavaraipettai, Tamil Nadu	8056541112	poojamurali04@ gmail.com	25 / 25
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1	1	1	1	1	1	42

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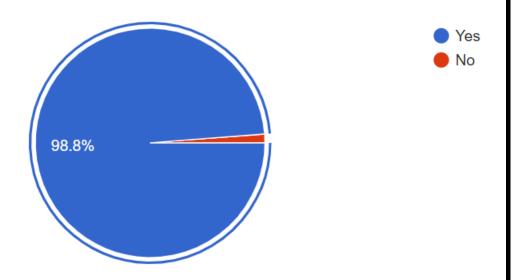
### **Feedback Report**

Feedback form of One Week AICTE- ISTE-Sponsored Induction /Refresher Programme (online) on "Accreditation: An Accelerator for Quality Improvement in Engineering Education" 22<sup>nd</sup> to 28<sup>th</sup> April 2021, organized by Department of ECE and EEE, SDMCET, Dharwad.

94 responses

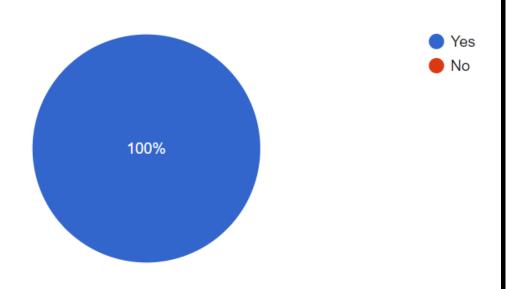
### The FDP was relevant to the current scenario

81 responses



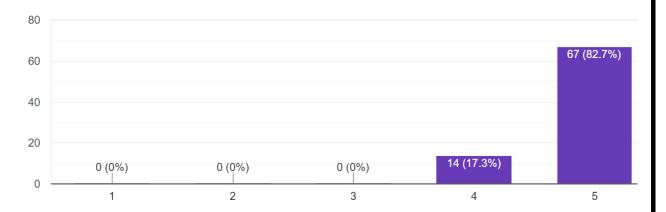
### Did the FDP achieve the program objectives?

81 responses



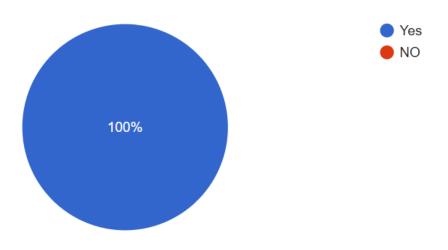
The content delivered by the resource persons was

81 responses



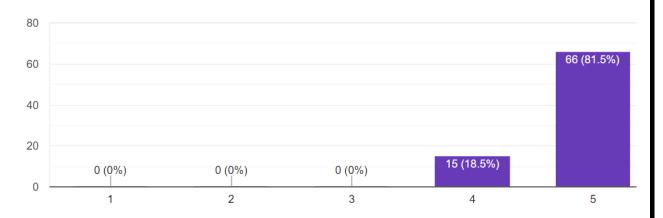
Whether this program helps you in accreditation process?

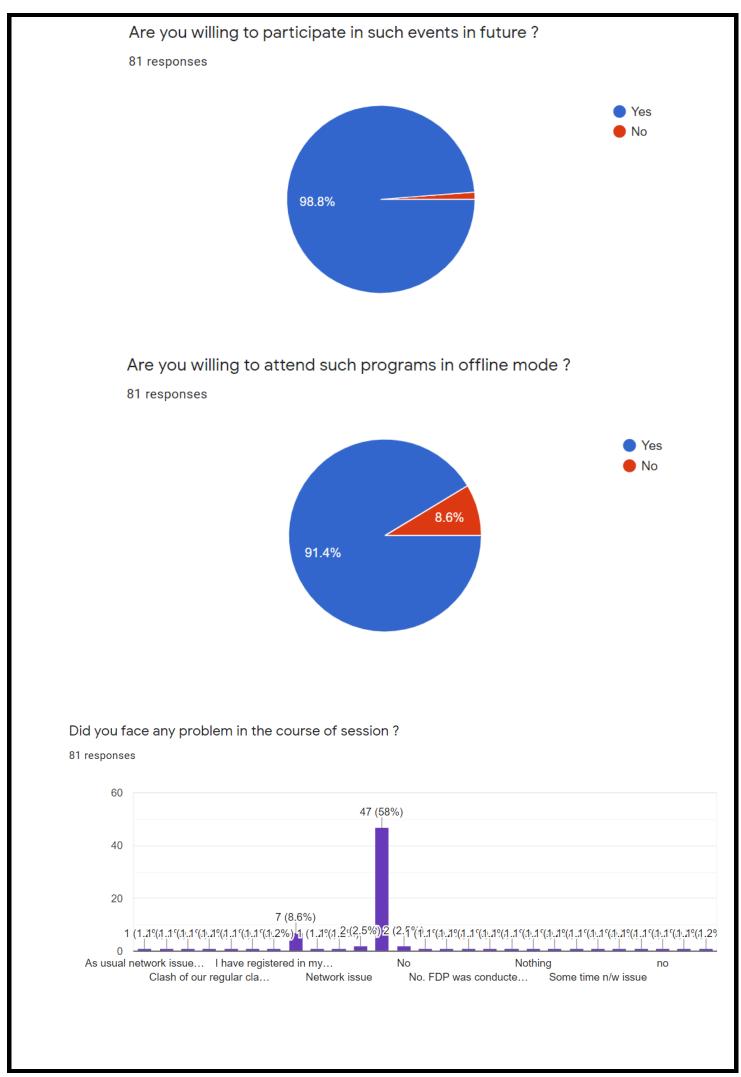
81 responses



What is overall assessment of the program?

81 responses





### **Question Paper of the Quiz**

- 1. Which of the following activities best characterizes a Good engineer \*
  - a) Solves ill-defined problems
  - b) Recruits engineering staff
  - c) Supervises the production line
  - d) Develops marketing strategies for products
  - 2. The role of All India Council for Technical Education (AICTE) is \*
    - a) To plan and Coordinate Development of Technical Educational system
    - b) To promote quality in technical Education
    - c) To regulate and Maintain Norms and Standards
    - d) All the above
  - 3. Accreditation by NBA is a process \*
    - a) To recognize a program that fulfils certain standards
    - b) To make sure that all regulatory conditions are fulfilled
    - c) To make sure that the institute submits all the internal quality assurance reports
    - d) To make sure that a good percentage of graduates are placed after graduation
- 4. In case of Professional programs an Accreditation agency defines the goals of programs because \*
  - a) All programs should have the same goals
  - b) Colleges may not have the abilities to identify the goals
  - c) Faculty are reluctant to identify as they consider it is restrictive to identify goals in advance
  - d) Faculty are likely to focus mainly on their internal needs and difficulties in identifying the goals

- 5. Preparation for preparing self Assessment Report (SAR) for NBA accreditation requires \*
  - a) The Institute to hire a Consultant
  - b) The Institute creates a good website
  - c) The Institute to establish an Internal Quality assurance ell (IQAC)
  - d) All faculty members actively participate
- 6. Learning is \*
  - a) Acquiring new information
  - b) Acquiring the ability to recall information
  - c) Doing something that one was not able to do prior to learning
  - d) Performing well in all tests
- 7. It is necessary to consider education philosophically because \*
  - a) Education is of concern to the society
  - b) Government invests heavily in education
  - c) It is necessary to know what to educate
  - d) Students wish to know what are they getting trained for
- 8. Outcome Based Education became important because \*
  - a) Outcome is a different measure of education
  - b) Policy makers wanted a measure of what students have actually learnt
  - c) Measuring attainment of Outcome is more difficult than measuring Output
  - d) Measuring attainment of Outcome is easier than measuring Output
- 9. Bloom's taxonomy is \*
  - a) A way of tagging learning outcomes
  - b) A way of straight jacketing learning
  - c) A framework for designing curricula
  - d) A classification of teaching, learning and assignment
- 10. The accreditation process by National Assessment and Accreditation Council (NAAC) differs from that of National Board of Accreditation (NBA) in terms of \*
  - a) One has Institutional grading approach and the other has program grading approach
  - b) Once get accredited by NBA or NAAC, the institution is from renewal of grading which is not progressive decision
  - c) Disciplines covered by both being the same, there is duplication of efforts
  - d) This accreditation amounts to approval of minimum standards in the quality of education in the institution concerned
- 11. Importance and Benefits of NBA Accreditation are \*

- a) NBA accreditation demonstrates accountability to the public or people.
- b) The accreditation of NBA clearly indicates the commitment to excellence.
- c) NBA accreditation promotes intra and inter-institutional interactions.
- d) All the above
- 12. Accreditation of engineering programs was introduced to ensure \*
  - a) Graduates of all engineering programs can have good placements
  - b) Graduates of engineering programs have all the requisite characteristics of a good engineer
  - c) Graduates of engineering programs have the required minimum knowledge of the branch they are graduating from
  - d) The programs have a framework for an engineering teacher to plan and conduct his/her courses
- 13. India is a signatory to this on technical education \*
  - a) Dublin Accord
  - b) Washington Accord
  - c) Perth agreement
  - d) SAARC Accord
- 14. Identify PEOs from the following \*
  - a) Specify, select and formulate environmental engineering systems
  - b) Solve problems of social relevance applying the knowledge of electrical and electronics engineering, and/or pursue higher education and research
  - c) Engage in lifelong learning, career enhancement and adopt to changing professional and societal needs
  - d) Create, select, and apply modern engineering and IT tools to complex engineering activities with an understanding of their limitations
- 15. A well-written course outcome \*
  - a) Can be measured by an assignment, test, project, or examination
  - b) Never begins with vague verbs such as 'know' 'appreciate' 'understand' and 'demonstrate'
  - c) Is free of ambiguous words and phrases, acronyms and industry specific jargon
  - d) Will have all the three features
- 16. Course outcomes help students by: \*
  - a) Creating a connection between teaching and learning, between teachers and students
  - b) Taking much of the guessing out of the student's attempt to learn
  - c) Enabling them to truly master the content of the course

- d) All the three ('a'; 'b'; and 'c')
- e) None of the above
- 17. What are the tags that need to be associated with a Course Outcome? \*
  - a) POs, PSOs, Knowledge Categories, Number of Class Hours and Number of Lab/Field Hours
  - b) PSOs, Cognitive Level, Knowledge Categories, Number of Class Hours and Number of Lab/Field Hours
  - c) POs, PSOs, Cognitive Level, Knowledge Categories, Number of Class Hours and Number of Lab/Field Hours
  - d) POs, Cognitive Level, and Number of Class Hours
- 18. Why is closing the quality loop important? \*
  - a) It is required by NBA accreditation process
  - b) It is required by NAAC accreditation process
  - c) It ensures good teaching by the faculty
  - d) It leads to continuous improvement in the quality of learning
- 19. TIER-I NBA accreditation process is for \*
  - a) Autonomous Government Colleges
  - b) Autonomous Government Aided Colleges
  - c) Autonomous Private/Self Financing Colleges
  - d) All the above
- 20. Which programs come under accreditation by NBA?
  - a) Engineering & Technology
  - b) Computer Applications
  - c) Pharmacy
  - d) All the above
- 21. Who can apply for accreditation by NBA?
  - a) If your Institution and the programs run by it are approved by the AICTE
  - b) If at least two batches of students have passed out of the programme proposed for accreditation except for the management programmes. In case of a Management programme, at least three batches should have graduated.
  - c) Option 1 and 2
  - d) Option 1 or 2

- 22. What is the revised duration of Award of Accreditation?
  - a) 3 years of Accreditation and 6 years for Full Accreditation
  - b) 5 years of Accreditation and 10 years for Full Accreditation
  - c) 1 years of Accreditation and 3 years for Full Accreditation
  - d) 3 years of Accreditation and 5 years for Full Accreditation
- 23. I have graduated in a particular course from an Institution. Is my degree covered under Washington Accord?
  - a) In India, it is applicable only to the UG engineering programs of Tier I Engineering institutions.
  - b) Applicable only to the PG engineering programs of Tier I Engineering institutions.
  - c) Applicable to UG and PG engineering programs of Tier I Engineering institutions.
  - d) Not Applicable to either UG or PG engineering programs
- 24. What are the pre-qualifiers?
  - a) The pre-qualifiers are a set of parameters, which an Institution is required to comply with before applying for accreditation.
  - b) The pre-qualifiers are a set of parameters, which NBA Board provides to Institutions
  - c) Rules set by Institutions
  - d) None of the above
- 25. Washington Accord is an International Agreement which was
  - a) Originally Signed among 2 countries in the year 2000
  - b) Originally Signed among 6 countries in the year 1989
  - c) Signed by all the countries in the year 1996
  - d) None of the above

### Links of Brochure, Faculty Registration, Google meet,

### Quiz, Feedback and attendance

1.	Links of Brochure:
	https://sdmcet.ac.in/wp-content/uploads/2021/02/ECE-FDP_phase_2_Dharwad.pdf
	http://www.isteonline.in/Datafiles/cms//FDP_phase_3_Dharwad.pdf
2.	Link for Faculty registration: https://forms.gle/7TFATLszr8vzG9QB9
3.	Link for Google meet: <a href="https://meet.google.com/tuw-mmpp-hjf">https://meet.google.com/tuw-mmpp-hjf</a>
4.	Link for Quiz: <a href="https://forms.gle/mVjipq1jvjrb3z5f6">https://forms.gle/mVjipq1jvjrb3z5f6</a>
5.	Link for feedback: https://forms.gle/3XKxbFxtuEn7d54Q9
6.	Attendance Links: Day1_Session1 attendance: <a href="https://forms.gle/9fzt1pgknVKoW6LR9">https://forms.gle/9fzt1pgknVKoW6LR9</a>
	Day1_Session2 attendance: https://forms.gle/Zt6wbn9sYkAhsQx27
	Day2_Session1 attendance: https://forms.gle/e4R9ePAca3c3yJu38
	Day2_Session2 attendance: https://forms.gle/efJ4Fvr1qUiUsoBv8
	Day2_Session3 attendance: <a href="https://forms.gle/KMKNGeQrrjotyCPh9">https://forms.gle/KMKNGeQrrjotyCPh9</a>
	Day3_Session1 attendance: <a href="https://forms.gle/5YTcQLiFeQ9hTUeSA">https://forms.gle/5YTcQLiFeQ9hTUeSA</a>
	Day3_Session2 attendance: <a href="https://forms.gle/gdtVXVb8hYJ6rKj98">https://forms.gle/gdtVXVb8hYJ6rKj98</a>
	Day3_Session3 attendance: <a href="https://forms.gle/n2N8Ek1kBHyd7E2m9">https://forms.gle/n2N8Ek1kBHyd7E2m9</a>
	Day4_Session1 attendance: <a href="https://forms.gle/ms1bt166uEuArSHz9">https://forms.gle/ms1bt166uEuArSHz9</a>
	Day4_Session2 attendance: <a href="https://forms.gle/VKGPJncx3mF124HK6">https://forms.gle/VKGPJncx3mF124HK6</a>
	Day4_Session3 attendance: <a href="https://forms.gle/szrneMB7T5ZVixAG7">https://forms.gle/szrneMB7T5ZVixAG7</a>
	Day5_Session1 attendance: <a href="https://forms.gle/95app3YWTwRTnhEn6">https://forms.gle/95app3YWTwRTnhEn6</a>
	Day5_Session2 attendance: <a href="https://forms.gle/ujksofFK6drX7erY6">https://forms.gle/ujksofFK6drX7erY6</a>
	Day5_Session3 attendance: <a href="https://forms.gle/iebqEfXPRDXyD5ov9">https://forms.gle/iebqEfXPRDXyD5ov9</a>
	Day6_Session1 attendance: <a href="https://forms.gle/dUKSLbqqekWuphZc8">https://forms.gle/dUKSLbqqekWuphZc8</a>
	Day6_Session2 attendance: <a href="https://forms.gle/st93Gn1BQVDAJSuy8">https://forms.gle/st93Gn1BQVDAJSuy8</a>
7.	Video Links: Day1 Inauguration Function:
	https://drive.google.com/file/d/1JKss-gBV0TnEiI1QhHAcSC17mRUtZu-B/view?usp=sharing
	https://drive.google.com/file/d/1TnfCHvyEWxDRUpv9j-E9YMPl5cBatt2r/view?usp=sharing
	Daga <b>FO</b>

Day1 Session1:

https://drive.google.com/file/d/1UDZCk1axjYmllD0NjE-L75ua8n\_dBMLa/view?usp=sharing

Day1 Session2:

https://drive.google.com/file/d/194M8LQkfTVYIRaD91b8xE9fyBgWJ4bS/view?sp=sharing

Day2 Session1:

https://drive.google.com/file/d/1UsvfIJ7Bn3CADewn4xKrj386qsvW1lIF/view?usp=sharing

Day2 Session2:

https://drive.google.com/file/d/1OySBVCQSFU7rWkac0wOUguwTnxgp JQv/view?usp=sharing

Day2 Session3:

https://drive.google.com/file/d/1dgIfR6KUJFF cAu5FBHJG5Ola6jdMGKR/view?usp=sharing

Day3 session1:

https://drive.google.com/file/d/1ebEWeFheRBmPGdOSATKptPsSgKV-ZMaq/view?usp=sharing

Day3 session2:

https://drive.google.com/file/d/1GEdPfgIhVOChn6-LSnDI-SuMjPyZ6jwn/view?usp=sharing

Day3 session3:

https://drive.google.com/file/d/1TEbC08JNs2tFNFuAKgRaJuiLu1HYBVQY/view?usp=sharing

Day4 Session1:

https://drive.google.com/file/d/13cuaYbLK7acII2TpxN-nUXWsu3TbYgP-/view?usp=sharing

Day4 Session2:

https://drive.google.com/file/d/1nfqIstf9lOx8H ax 9YfZlPzdIPHSlz/view?usp=sharing

Day4 Session3:

https://drive.google.com/file/d/1myjBgI7Z8F2OUl6KwO3ctMTnWMxSTjk/view?usp=sharing

Day5 Session1:

https://drive.google.com/file/d/185lMU2EVVaRz\_ADeQWF25CkGiGbDGpHB/view?usp=sharing

Day5 Session2:

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Day5 Session3:

https://drive.google.com/file/d/1mPkTpgUDj7 YDz1C9IYHEz8Le8KtyChI/view?usp=sharing

Day6 Session1:

https://drive.google.com/file/d/1gnU9Z5-VRj1s7sM733L8bWXsxHI2xFh9/view?usp=sharing

Day6 Session2: <a href="https://drive.google.com/file/d/1TQoDpgcuHUIRSoGHo2PI4jIJMXgitVin/view?usp=sharing">https://drive.google.com/file/d/1TQoDpgcuHUIRSoGHo2PI4jIJMXgitVin/view?usp=sharing</a>
Day6 Valedictory Session: <a href="https://drive.google.com/file/d/103nGYiBEtvA3gRje3mh6c1wrOGdkvbb/view?usp=sharing">https://drive.google.com/file/d/103nGYiBEtvA3gRje3mh6c1wrOGdkvbb/view?usp=sharing</a>

# **Statement of Expenditure**

22 30# 2021

SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DITARWAD.

DATE: 21.06.2021

Manager, arnataka Bank Ltd, SDMCET Extn Counter Dharwad

: A	adam, A/C Transfer , DD & Neft E 3-Honorarium to Resource Pers	ons towards Induction/Freshers	Programul Alcalazza		Bank Name	Amour be	itto	TDS	Payment	
٠.	Name of resource person	SB A/C No.		-	ank of India	3850		770	3080 ,	1
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1	Dr.P.S.Venkat Ramu	30025608756	SBIN0014262	1	Bank of India	7700		1540	6160	1
	Dr.Mahadev Prasanna	10401170961	SBIN0002273	-	Bank of India	3850		770	3080	1
3	Dr.Prasad Krishna	01581000053719	HDFC0000158	HDF		385	-	770	3080	1
4	Dr.Amit prakash singh	30626537156	SBIN0041003		TE BANK OF INDIA	+-	-	770	3080	
5	Dr.Nataraj Vijapur	D. J. L. 27	BARBOBAGALK	1	K OF BARODA	385		770	3080	1
6	Dr.C.M.Javalagi	37550100000200	SBIN0011547	STA	TE BANK OF INDIA	38	50	770	3080	1
_	Dr. P.S.Grover	10851321250	SBIN0013074	ST	ATE BANK OF INDIA	38	50	-	308	
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8	Dr.R.Sakthivel .R	12442200006626	CNRB0011244		XIS BANK	3	850	770	_	_
9	Dr.Saroja Siddamal	909010041551270	UT1B0000603			IA	8850	771	30	30
10	Prof.A.K.Kulkarni	00000067000867511	SBIN0070671		TATE BANK OF IND		4000	80	0 32	.00
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1	3 Col.B. Venkat	016601524117	IC1C000639		STATE BANK OF I	NDIA	3100		120	710
1	14 Dr.Pratapsinh K.Desai	64009083211	SBIN001648		Karnataka Bank		3850	1	133	26
H	15 Prof.D.S.Suresh	1952500101021201	KARB00001	95			3850		1155	26
1	v a Kalkarni		WADDOODO	195	Karnataka Bank	Ltu.				
L	16 Dr.U.P.Kurkaria 17 ProfV.K.Parvati	1952500101013801								

	-1			Bank Name	Amount to	TDS	Payme -
No.	Name of resource person	SB A/C No.	IFSC Code		3850	770	3080 €
18	Dr.S S Navalgund	1952500101605101	KARB0000195	Karnataka Bank Ltd.	-	1155	2695
_	Dr. S S Kerur	1952500101026701	KARB0000195	Karnataka Bank Ltd.	3850	1500	3500
_		1952500101026701	KARB0000195	Karnataka Bank Ltd.	5000	1	10000
	Dr.S S Kerur	1952500101026701	KARB0000195	Karnataka Bank Ltd.	10000	0	3000
21	Dr.S S Kerur		KARB0000195	Karnataka Bank Ltd.	3000	0	
22	Shankar M	1952500101597601				0	11920
23	SBI INCOME TAX A/C	DD Payable @ Dharwad	0040,07	2545 22-06-2021	01 0	0	5735
24	SBI INCOME TAX A/C	DD Payable @ Dharwad	0020.21	4546 22-06-20	Total	1	7655 93

Rs. Ninety Three Thousand Only

Ch No 953463 Dated: 21.06.2021

93,000/-

Repiretta PRINCIPAL & B. M. Gellege of i. vgg. & Fechnologic Bhevelouirt DHARWAB-580 BOR

To.

Date: 24/5/21

The Principal,

SDMCET.Dharwad

Respected Sir,

Sub: Request for online payment to resource persons/guests

With reference to above cited subject, the college has organized Phase\_3 online AICTE-ISTE sponsored one week refresher/induction program during 22nd to 28th April,2021. Thanks to your kind self and esteemed management for giving us an opportunity and support. Now, we have to do online payment to resource persons/guests. The total expenditure incurred for the same is Rs.93,000. The list is enclosed with this along with approved letter. Kindly instruct the concerned to perform the same.

Thanking you sir,

Dr.S S Kerur

Program Co-ordinator

Accounds for payment Degravelle

21-06-2021

# Ecternal 20.1.

SI No.	Name of resource	monorarium to Reso	ource persons/guest as a				i Li			1
1	person	Session date and time	SB A/C No.	art of INDUCTION/	REFRESHER PROGR	AM,(22/4/2021 to 28/4/	2021)			-
_		22/4/21 11:15 TO 12:45PM		IFSC Code	Bank Name	Branch Name	I amount of the same of the sa	-		
2	Dr.Mahadev Prasanna	23/4/21 9:30 TO 11AM	20018398490	SBIN0018237	State Bank of India	YELAHANYA	PAN NO.	TOS	Amount to be remitted	
		23/4/21 11:15 TO	30025608756	SBIN0014262	State Bank of India	Guesturi	ACGPV3634F		3850 /	
3	Dr.Prasad Krishna	12:45PM AND 27/4/21 11:15 TO 12:45PM	10401170961	SBIN0002273	State Bank of India		AMTPP1103G	+	3850 /	
4	Dr.Amit prakash	Amit prakash				NITK, Screttikal	AK3PK4521B	1 1	7700 *	20
•	singh	26/4/21 9:30 TO 11AM	01581000053719	HDFC0000158	HOFC	PITAMPURA	APOPSS364J	-		-
5	Dr.Nataraj Vijapur	26/4/21 11:15 TO 12:45PM	30626537156	SBIN0041003	STATE BANK OF	BX CIRCLE, KOTHANUR,	ADZPV2364A	+	3850 /	
6	Dr.C.M.Javalagi	24/4/21 9:36 TO 11 AM	37550100000200		BANK OF	BANGALORE	AUCT VZ3D4A		3850	
7	Dr. P.S.Grover	24/4/21 11:15 TO		BARBOBAGALK	BARODA	BAGALKOT	AAYP38336Q		3850 /	1
	Dr.R.Sakthivel .R	12:45PM	10851321250	SBIN0011547	STATE BANK OF BIOM	KOHAT ENCLAVE	AADPG8273G		3850	1
-		27/4/21 9:30 TO 11AM	20201634815	\$8IN0013074	STATE BANK OF INDIA	KATPADI, VELLORE	BUIP51848E		3850 /	1
9	Or Saroja Siddamal	28/4/21 9:30 TO 11AM	12442200006626	CNRB0011244	Canara Bank	BVB College campus	ALIZPS8040F		3850	+
10	Prof.A.K.Kulkarni	27/4/21 2:45 TO 4:15PM	909010041551270	UTI80000603	AXIS BANK	DHARWAD (KT)	AECPK7323L	+	3850	4
11	Dr.Nidhi M B	23/4/21 2::45 to 4:15pm	00000067000867511	SBIN0070671	STATE BANK OF INDIA	Kesavadasapuram, Trivandrum	ACBPN3024E	$\vdash$	3850 /	1
12	Dr.K.K.Aggarwal	22/4/21 9:30 TO 11AM	09221930005516	HDFC0000922	HDFC BANK	I P Extension branch, New Delhi	AAUPA5250A	П	4000	
13	Col.B. Venkat	28/4/21 2:45 TO 4:15PM	017201517836	ICIC0000172	ICCI BANK	Hisar Branch	AERPVS787L	+	3100	+
14	Dr.Pratapsinh K.Desai	28/4/21 2:45 TO 4:15PM	016601524117	10100006390	ICICI BANK	KOUHAPUR	AAVPD1772H	+ +	3200	1
15	Prof.D.S.Suresh <	22/4/21 9:36 TO 11AM	64009083211	S8IN0016486	STATE BANK OF INDIA	TUMKUR	AUXPS2346E	+	3100	1
16	Dr.U.P.Kulkarni /	22/4/21 2:45 TO 4:15PM	1952500101021201	KARB0000195	Karnataka Bank Ltd.	SOMCET Extension Counter	ADKPK6480F	1855	3850	3
17	ProfV.K.Parvati	28/4/21 11:15 TO 12:45 PM	1952500101013801	KARB0000195	Kametaka Bank Ltd.	SOMEET Extension Countar	ADZPP5708H	1155	3850 /	30
18	Dr.S S Navalgund	26/4/21 2:45 TO 4:15PM	1952500101605101	KARB0000195	Kamataka Bank Utd.	SDMCET Extension Counter	AETPN6946D	770	3850 /	20
19	Dr. S S Kerur	24/4/21 2:45 TO 4:15PM	1952500101026701	KARB0000195	Kernataka Bank Utd.	SOMCET Extension Counter	ALBPK8914D	1155	3850	20
20	Dr.S S Kerur /	PROGRAM CO- ORDINATOR	1952500101026701	KAR8000195	Karnataka Bank (106.	SOMCET Extension Counter	ALBPK8914D	1500	5000 /	30
21	Dr.S S Kerur	MISC CHARGES HANDLED & PAID	1952500101026701	KARB0000195	Kamataka Bank Ltd.	SDMCET Extension Counter	ALBPK8914D	-	10000 to Lmil	30
22	Shankar M	LAB ATTENDANT	1952500101597600	KARB0000195	Karnataka Bank Utd	SCMCET Extension Counter	AWJPM80708	_	3000	-
						GRAND TOTAL	19		93000	

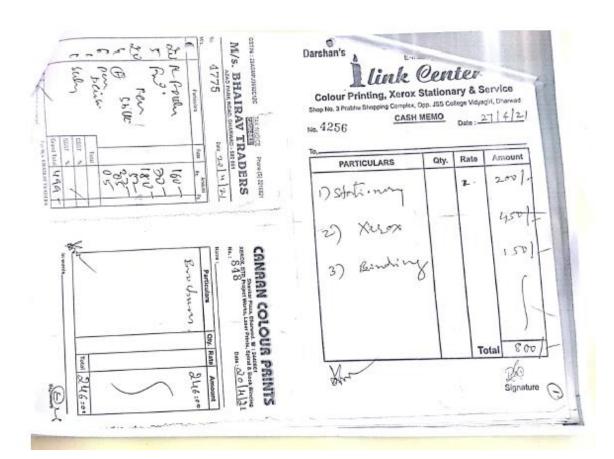
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#### Miscellaneous Expences

V S	Particulars	Amount in Rs.	
11	Stationery ,Xerox ,binding,Brochures	1545/ 🗸	
1	Canteen bill	5055/	
1	Photo charges	250/	1 2 3
1	Audit charges	2000 - (10)	
5	Miscellaneous charges (Sweets,Flower,Local conveyance,etc)	1150_	
	Total	10,000 4	

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S. D. M. CANTEEN DHARWAD 426 RECEIPT No.: Date: 8/8/3/	S. D. M. CANTEEN  428 DHARWAD  RECEIPT  No.:  Date 10   10   10   10   10   10   10   10
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SHRI BANASHANKARI ARTS

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Photo charges \$50 = 00

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For, Shn Bartesharkari Arts

Cell: 9901705997, 8884419586

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## **Outcomes Achieved**

The theme of the refresher program was "Accreditation: An Accelerator for Quality Improvement in Engineering Education". The participants expressed the opinion that the accreditation is really an accelerator in the context of today's higher education to improve the quality, especially in technical education system. And it also gives the platform to quantify the quality of education.

The following outcomes achieved may be listed as under.

- 1. A total of 86 participants were benefitted from the refresher program.
- 2. The count of eminent speakers participated was 15.
- 3. More than 23 hours of deliberations on various aspects of quality. A quiz with 25 questions was conducted.

The Refresher program was successful in the following aspects.

- It provided the platform for discussions on the Evolution of newer processes for maintaining the quality.
- It gave some insights into re-framing the Institutional policies to meet the expected growth rate of colleges.
- The program provided scope for more involvement of all the stakeholders.
- It encouraged the institutions of Higher Education to go for accreditation.
- It also helps in effective implementation of NEP in technical education.

# Press Reports of Inaugural function and Valedictory function



# Summary of one-week AICTE-ISTE sponsored refresher Program on "Accreditation: An accelerator for quality improvement in Engineering Education

Respected chief guest of today's function Prof. Pratapsinh Desai Sir (President, ISTE, New Delhi), guest of honour Col. B. Venkat Sir (Director of Faculty Development Cell, AICTE, New Delhi), our beloved Principal Dr. K. Gopinath Sir, HOD of Dept of E&C engineering Dr. Vijaya C. madam, Deans, Heads of the departments, faculty colleagues, participants members of media and online invitees,

A very good afternoon to one and all.

As the program coordinator, it is my proud privilege to present the summary of phase-3 of one-week AICTE-ISTE sponsored Induction/refresher program on "Accreditation: An Accelerator for Quality Improvement in Engineering Education", organised by the dept. of E&C Engineering of S. D. M. College of Engineering and Technology, Dharwad, from 22nd to 28th April 2021.

In the beginning, I would like to place on record, our thankfulness to the AICTE and ISTE for sponsoring this event.

This has been Phase-3 of the Refresher Program. The Phase-1 and phase-2 have been very successful programs, held between 7th to 12th December 2020 and 18th to 24th March 2021. This present Phase-3 event has been much bigger. An impressive array of speakers was drawn from various channels of academia, who have rich experience in the subject matter.

The inauguration function had Prof. K. K. Aggarwal as the chief guest who addressed the gathering on various aspects of technical education. The guest of honour Prof. D.S. Suresh (Chairman of ISTE, Karnataka Section) also was present.

The first session of day 1 was on "Relevance of OBE for Accreditation Process" dealt by Dr.P.S.Venkat Ramu, Dean-Academics, Presidency University, B'lore. He narrated the contextual relevance of the new paradigm called OBE in a befitting manner.

The second session of day1 was held by Dr. U. P. Kulkarni, HOD of CSE dept and NBA coordinator at SDMCET. His topic was "Bloom's taxonomy and its use in designing assessments". In his meticulous talk, Sir discussed the process involved in carefully preparing the assessment methods and their relevance in the present context.

Day 2 started with talk by Dr. Mahadeva Prasanna, IIT Dharwad. He described "Outcome and other models of Engineering Education", highlighting on the everchanging needs of models for improving the quality of technical education.

Session 2 of Day 2 was handled by Prof. Prasad Krishna, NITK, Suratkal on the topic "Outcome Based Education: A means for enhancing employability". Very beautifully he deliberated and established the connection between the employability issues and OBE.

Day 3's session 3 was engaged by Dr. Nidhi M B from Tiruvananthapuram, Kerala on the topic "Accreditation: A Quality Initiative". Madam explained the finer aspects of accreditation, which propel an Institution's quality to new heights.

Dr. C. M. Javalagi from BEC, Bagalkot spoke on "Reforms in examination for quality Improvement" on Day 3. Sir could bring out the newer aspects of examination system which are aligned with OBE philosophy, for making the evaluation and assessment systems more robust.

Day 3's session 2 was on "Outcome mapping matrices assessment and rubrics" by Dr. P. S. Grover, Ex-Director, GGSIPU, New Delhi. Sir has provided insights into mapping processes and the formulation of rubrics to serve in effective assessment.

Session 3 of Day 3 was engaged by myself on "NEP-2020 and issues in Accreditation". It was my proud privilege to talk on this topic. A series of queries from the audience indicated its greater relevance in the changing times.

The opening session of Day 4 was conducted by Prof. Amit Prakash Singh, GGSIPU, New Delhi on the topic "PEO/PO-CO mapping: A means to attain outcomes". Professor neatly narrated the finer aspects of the topic, and showed us some real-time examples of doing the same.

The 2nd session of Day 4 was on "Discussion on NBA and SAR Filling(c1-c4)" by Dr. Nataraj Vijapur from RVITM, Bangalore. Sir discussed the methods to be followed and interpretations to be made while completing the criteria 1 to 4 of NBA's self-assessment report.

The 3rd session of Day 4 was engaged by Prof. S. S. Navalgund, SDMCET, Dharwad. The topic was "Significance of value addition programs in Accreditation process". He could discuss his experiences of training the students for better careers and its impact on accreditation.

Dr. R. Sakhtivel from VIT, Vellore started the deliberations of Day 5 with the topic "Discussion on NBA and SAR Filling(c5-c10)". Sir could deliver useful inputs on completing criteria 5 to 10 of NBA SAR.

The 2nd session of Day 5 was conducted by Prof. Prasad Krishna, NITK, Suratkal. The topic was "Role of Research in Accreditation". Sir has beautifully narrated the impact of research on accreditation.

The 3rd session of Day 5 was engaged by Prof. A. K. Kulkarni, Former Principal, KHK Polytechnic, Dharwad on the topic "Professional ethics and skill development as drivers of future engineering education". In his characteristic signature style, Sir brought out the interplay among different aspects of like skills and ethics.

The first session of Day 6 saw discussions on "Project based Learning to enhance employability and Entrepreneurship" by Dr. Saroja V Siddamal, KLE Technological University Hubballi. She has very neatly explained her experiences of mentoring various project batches, handling the industry projects.

Prof. V. K. Parvati, SDMCET, Dharwad engaged a session on "Contribute of various stake holders in Accreditation process". Sir could connect all the missing dots, and could provide a comprehensive view of various stakeholders and their significance in the entire accreditation process.

The response from the participants has been overwhelming. There was a total of more than 205 responses for the event. With First-come-First-served notion and priority being given to ISTE members, a total of 100 participants were finally shortlisted to join the event.

There was a total of 16 sessions, spread across 6 days. The AICTE-ISTE guidelines are being followed for certifying the participants, upon fulfilling the minimum criteria. An online quiz will follow, and all the participants are required to participate in the same. All the guidelines have been complied with.

I want to acknowledge the support by AICTE and ISTE once again. Also, thanks to our Management under the leadership of our beloved Shri Jeevandhar Kumar Sir, for providing all the necessary arrangements. My sincere thanks to Principal Dr. K. Gopinath Sir for being a pillar of strength and guiding in all possible ways. Our HOD Dr. Vijaya C madam has been monitoring and guiding this entire process of organizing in the best possible way. I sincerely thank her too. On behalf of the organizing team, I take this opportunity to thank all the participants for making it happen.

I sincerely wish that the discussions for the last 6-days have been the most fruitful ones, and the participants had a great time with us.

We look forward to your presence in our future academic activities too.

Thank you one-and-all.

Dr.S.S.Kerur

**Program Coordinator** 

# **Utilization Certificate and Statement of Expenditure**

### ANNEXURE - 5

# FINANCIAL STATUS PROFORMA (FSP)

Name of Educational Institution	SDM College of Engineering and Technology, Dharwad - 580002
Name of the Department	Electronics & Communication Engineering
Name of the Programme Co-ordinator (PC)	Dr. S. S. Kerur
Project Title (Refresher program)	Accreditation: An Accelerator for Quality Improvement in Engineering Education
AICTE-ISTE Grant Allocation Year	2018-19
Date of Completion of Project Work (Refresher program)	31.05.2021
Allocation (Rs. in lakh)	Rs 1.50 Lakhs (Advance received from AICTE-ISTE) (i) Rs, 93,000-00 on 17.10.2020 (ii) Rs, 57,000-00 on 16.02.2021

BANK DETAILS

NAME OF THE BANK& ADDRESS	Kamataka Bank, SDM Extr., Dharwad
NAME OF THE A/C HOLDER	Principal , SDMCET, Dharwod ( Dr. K. Gepmith )
000000000000000000000000000000000000000	SDM EXTN, DHARWAD
BRANCH & PLACE	IFSC Code : KAR0000195 Dharwad-580002, Karnotoka
ACCOUNT NUMBER	1952590100348701

EXPENDITURE DETAILS

NON RECURRING	Rs. 0.00
RECURRING	Rs.2,79,000.00
TOTAL SPENT	Rs.2,79,000.00
	Rs. 0.00
UNSPENT INTEREST EARNED	Rs. 0.00
A STATE OF THE PARTY OF THE PAR	Rs. 2,79,800.00
BALANCE	The state of the s

DHARWAD-585002

Signature

Programme Co-ordinator

(with seal)

Gapmater

Signature Principal/ HOD/ Registrar/ Dean (with senf)

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# S. B. SHETTY & CO. CHARTERED ACCOUNTANTS



PARTNERS:
CA. S. B. SHETTY B.Com., FCA.
CA. C. V. KITTUR B.Com., FCA.
CA. KARTIK B SHETTY B.Com., FCA. DISA BCA)

### ANNEXURE -7

# UTILIZATION CERTIFICATE

SCHEME: ISTE/AICTE-ISTE Refresher Program @SDMCET

PROJECT TITLE (Refresher program): Accreditation: An Accelerator for Quality Improvement in Engineering Education

St. No.	Details	Amount
1	Previous year Balance (Opening Balance (OB).If any )	Rs. 0.00
2	Grants Received ( By NEFT/RTGS No 1D1BH20291400671 Rs. 93,000-00 and NEFT/RTGS No 1D1BH21047200139 Rs. 57,000-00 )	Rs. 1,50,000.00
3	Book Interest (If any)	Rs 0.00
4	Total Available Grants(1+2+3)	Rs 1.50,000.00
5	Actual Grants Utilized (Statement of Expenditure Enclosed)	Rs 2,79,000.00
6	Balance to be reimbursed by AICTE-ISTE (5-4)	Rs 1.29,000.00

Certified that Rs. 1,50,000-00 of gram-in-aid under (Program Name) was released by AICTE-ISTE program (All India Council for Technical Education - Indian Society for Technical Education) in favour of Principal vide letter: No/ISTE/AICTE-ISTE FDP / 1-3515087462/2018-19 dated 11th march ,2020 and vide letter dated 15th January 2021 with reference letter dated 19th October, 2020 , The I" part of first instalment of grant (Rs. 93,000-00) was received through NEFT Vide UTR Number IDIBII20291400671 dated 17-10-2020 as per account details provided for conducting the programme and the remaining part of first instalment of grant (Rs. 57,000-00) was received through NEFT Vide UTR Number IDIBH21047200139 / NEFT / KARB dated 16-02-2021 as stated above during the year 2020-21. The above grant was sanctioned towards Project Title "Accreditation: An Accelerator for Quality Improvement in Engineering Education". Out of sanctioned grants, a sum of Rs 1, 50,000-00 has been utilized for the purpose of which it was sanctioned and also there are no funds which are remained unutilized at end of the financial year 2020-21, to be earried forward (if the program is continued) or to be refunded (if the program is completed) whichever the case is applicable. In addition to this, the remaining amount of Rs. 1, 29,000-00 has been paid by SDMCET College and the same is to be reimbursed by AICTE-ISTE

Office: No. 1, 2nd Floor, Time Square Building, Opp. Kadasiddeshwar Arts College, Vidyanagar, HUBLI-S80 031.

Tel.: 0836 237 3228, 237 2279 Cell: 98452 54872, 98805 38495

Email: s\_b\_shetty@iotrnoil.com • karthikbahetty@gmail.com • www.ababetty.in

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# S. B. SHETTY & CO.



PARTNERS:
CA. S. B. SHETTY B. Com., PCA.
CA. C. V. KITTUR B. Com., PCA.
CA. KARTIK B SHETTY B. Com., PCA. DISA (ICA)

All Expenditure incurred for the purpose for which the grant was sanctioned is verified with the vouchers produced before me.

Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Shu

Signature and Address of the Programme Coordinator

Bagnatu

Signature of the Head of Institution and Scal

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Signature with Seal Chartered Accountant (FRN: 0038248 & M.No 219456)

For S. B. SHETTY & CO. CHARTERED ACCOUNTANTS

CA. KANTIS-H: SHETTY M.-HO: 219456

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Office: No. 1, 2nd Floor, Time Square Building, Opp. Kodesiddeshwar Arts College, Vidysmagar, HUBLI-S80 031. Tel.: 0636 237 322s, 237 2279 Cell: 98452 54872, 98865 38495 Exadi: s.b., shetty@hotmail.com ◆ karthifbshetty@gmail.com ◆ www.sbehetty.in Statement of Expenditure for the Project Title "." Accreditation: An Accelerator for Quality Improvement in Engineering Education" for PHASE 1 of ONLINE AICTE-ISTE refresher program held during 7th to 12th December 2020.

SL No.	Particulars	Total Expenses (Rs.)
1	Total Grants Received (Including Opening Balance & Bank Interest)	Rs.1,50,000.00
> Expe Reco	nditure Break Up (Each Item wise as approved and rring and Recurring Equipment)	sanctioned of Non-
200	Non-Recurring (NRE)	Amount
NILL	Non recurring expenses incurred	Rs. 0.00
A	Total of Non-Recurring Expenditure	Rs 0.00
	Recurring (RE)	Amount
REI	Honocarium to Coordinator	Rs.5,000.00
RE2	Honorarium to Experts	Rs. 75,000.00
RES	Provision for payment to lab attendant engaged during lab practices	Rs.3,000.00
RE4	Miscellaneous charges	Rs.10,000.00
В	Total of Recurring Expenditure	Rs. 93,000.00
2	Total Expenditure (A +B)	Rs 93,000.00
3	- Unspent Balance	Rs 0.00

#### Kind of checks exercised:

- 1. Vouching
- 2. Bank Reconciliation
- 3. Supporting Bills

#### CERTIFICATE

Certified that we have verified the disbursement of Rs. 93, 606-60/-(Ninety three thousand rupees only) towards expenditure as mentioned above.

We have exercised the verification of vouchers and supporting documents to see that the money was actually utilized for the purpose for which it was sanctioned.

Signature with Sent Chartered Accountant

CHARTERED ACCOUNTANT

Rogn. No: (F.R.N.)0038245

Place: Hubballi Date: 01.07.2021

Signature and Address of the Programme Coordinator

Gapsrab.
Signature of the Head of Institution and Scal

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COLLEGE OF ENGINEERING AND TECHNOLOL

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Page **76** of **79** 

Statement of Expenditure for the Project Title \*\*\* Accreditation: An Accelerator for Quality Improvement in Engineering Education\* for PHASE 2 of ONLINE AICTE-ISTE refresher program held during 18th to 24th February 2021.

Sl. No.	Particulars	Total Expenses (Rs.)
1	Total Grants Received (Including Opming Balance & Bank Interest)	Rs.1,50,000.00
Expe Recu	nditure Break Up (Ench Item wise as approved and rring and Recurring Equipment)	sanctioned of Non-
	Non-Recurring (NRE)	Amount
NRI	Non recurring expenses incurred	Rs. 0.00
A	. Total of Non-Recurring Expenditure	Rs 0.00
Fantier	Recurring (RE)	Amount
TEN.	Honorarium to Coordinator	Rs.5,000.00
RE2	Honocarium to Experts	Rs. 75,000.00
REL	Provision for payment to lab attendent engaged during lab practices	Rs.3,000.00
3064	Miscellaneous charges	Rs.10,000.00
В	Total of Recurring Expenditure	Rs. 93,000.00
2	Total Expenditure (A +B)	Rs 93,000.00
3	Unspent Balance	Rs 0.00

#### Kind of cheeks exercised:

- 1. Vouching
- 2. Bank Reconciliation
- 3. Supporting Bills

#### CERTIFICATE

Certified that we have verified the disbursement of Rs. 93, 680-68/-(Ninety three thousand rupees only) towards expenditure as mentioned above.

We have exercised the verification of vouchers and supporting documents to see that the money was actually utilized for the purpose for which it was sanctioned.

Pince: Habballi Date: 01.07.2021

Signature and Address of the Programme Coordinator

Reporter

Signature of the Head of Institution and Seal

PRINCIPAL

SHRI BHARUASTIVILA NAVARNATHISBHWARA

COLLEGE OF ENGREERING AND TECHNOL'

OHVENING-1100R2, KARNATAKA

Signature with Scal Chartered Accountant (FRN: 003824S & M.No 219456)

For S. B. SHETTY & CO CHARTERED ACCOUNTANTS

CA. KARPIK B. SHETTY V 50. NO: 219456 Regn. No: [F.E.M.]C038245

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Statement of Expenditure for the Project Title \*\*\* Accreditation: An Accelerator for Quality Improvement in Engineering Education\* for PHASE 3 of ONLINE AICTE-ISTE refresher program held during 22<sup>th</sup> to 28<sup>th</sup> April 2021.

Sl. No.		
	Total Company	Total Expenses (Rs.)
	Total Grants Received (Including Opening Balance & Bank Interest)	Px 1 50 000 00
Rocu	inditure Break Up (Each Item wise as approved and	sanctioned of Non-
	IVOR-RECEIPTING INDIES	Amount
NIKI	Non recurring expenses incurred	Rs. 0.00
A	Total of Non-Recurring Expenditure	Rs 0.00
	Recurring (RE)	Amount
1003	Honorarium to Coordinator	Rs.5,000.00
WE2	Honorarium to Experts	Rs. 75,000.00
RE3	Provision for payment to lab attendant engaged during lab practices	Rs.3,000.00
REA	Miscellaneous charges	Rs.10,000.00
В	Total of Recurring Expenditure	Rs. 93,000.00
2	Total Expenditure (A +B)	Rs 93,000.00
3	Unspent Balance	Rs 0.00

#### Kind of cheeks exercised:

- 4. Vouching
- 5. Bank Reconciliation
- 6. Supporting Bills

#### CERTIFICATE

Certified that we have verified the disbursement of Rs. 93, 000-00/-(Ninety three thousand rupees only) towards expenditure as mentioned above.

We have exercised the verification of vouchers and supporting documents to see that the money was actually utilized for the purpose for which it was sanctioned.

Place: Hubballi Date: 01.07.2021

Signature and Address of the Programme Coordinator

Signature of the Head of Institution and Seal

PRINCIPAL

BURN EN BURNASTHALA MANUSTRATHERHWARA

COLLEGE OF ENGINEERING AND TECHNOLOGY

CHARMING-180012, PARINATINA

UDIN: 21219456 AHAM

CA, KARTIK-B. SHET M-NO: 219456

Signature with Seal Chartered Accountant (FRN: 003824S & M.No 219456)

For S. B. SHETTY & CO CHARTERED ACCOUNTANTS

