



STTP- Sanction Letter

Ref. No. 34-65/123/RIFD/STTP/Policy-1/2018-19

Date _____

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 300000 /- (Rupees Three Lakh Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SRI VENKATESWARA COLLEGE OF ENGINEERING , POST BAG NO 3, PENNALUR, SRIPERUMBUDUR, TAMIL NADU PIN - 602 105 KANCHIPURAM-602105 Tamil Nadu
2.	Permanent ID of Institute	1-2492131
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. JOTHILAKSHMI PARAMASIVAM
5.	Amount sanctioned	Rs. 300000/-
6.	Amount to be released	Rs.300000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATS2327 L	INDIA N BANK	Sriperumbudu r	Gandhi road Sriperumbudu r	PRINCIPAL, SRI VENKATESWAR A COLLEGE OF ENGG	Saving Account	46730233 1	IDIB000S08 0

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

II Maintenance of Accounts

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

(i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

(ii) Feedback form in the prescribed proforma.

(iii) Copy of the proceedings and completion report.

(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).

(v) Report submitted by Program Evaluation Committee (PEC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**

b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**

c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**

d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.

e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of

the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.

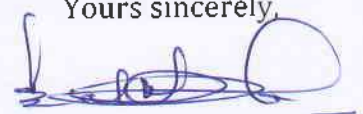
- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/123/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
 - (ii) Coordinator of the program (Member Secretary).
 - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,



(Dileep N Malkhede)
Advisor-I (RIFD)

12 DEC 2019

Copy forwarded for information and necessary action to: -

1. Name and Address of the Coordinator

Dr. JOTHILAKSHMI PARAMASIVAM
SRI VENKATESWARA COLLEGE OF ENGINEERING
POST BAG NO 3, PENNALUR, SRIPERUMBUDUR, TAMIL NADU PIN - 602 105
CHENNAI 602105 Tamil Nadu

2. The Registrar / Director / Principal

SRI VENKATESWARA COLLEGE OF ENGINEERING
POST BAG NO 3, PENNALUR, SRIPERUMBUDUR, TAMIL NADU PIN - 602 105
CHENNAI 602105 Tamil Nadu

3. Guard File

Programme Brochure-Phase III

Six Days Online Short Term Training Programme
(STTP) Phase - III
On

**“Recent Advancements of
Computational Electromagnetics in
Modern Microwave Antennas”**

REGISTRATION FORM

Name : _____

Designation : _____

Department : _____

Institute/Organization : _____

Qualification : _____

Experience in years : _____

Teaching : _____ Research : _____

Industry : _____

Aadhaar No: _____

Address : _____

Whatsapp Number : _____

E-Mail Address : _____

Signature of the participant

*Participants need to fill this registration form
and upload the scanned copy in PDF format in
the below registration link.*

Registration Link

<https://forms.gle/DGTBzaPKttj8wPpy5>



Last date for Registration: **21 November 2020**

Address for Communication:

Dr.P.Jothilakshmi

Professor-Department of ECE,
Sri Venkateswara College of Engineering,
Sriperumbudur Tk. - 602117, Tamil Nadu.
E-Mail id: aictesttpece@svce.ac.in

Chief Patron

Dr. M Sivanandham
Secretary, Sri Venkateswara Educational and
Health Trust (SVEHT)

Patron

Dr. S Ganesh Vaidyanathan
Principal, SVCE

Convenor

Dr. S Muthukumar
Professor & Head of ECE, SVCE

Organizing Committee

Ms.K.Srividhya, AP/ECE.
Mr.S.Senthil Rajan, AP/ECE.
Mr.P.Muthukumar, AP/ECE.
Ms.B.Hemalatha, AP/ECE.
Ms.C.Gomatheeswari Preethika, AP/ECE.
Mr.N.Sathish, AP/ECE.

Eligibility

This STTP is open to faculty members of
AICTE approved Institutions, Research
scholars and persons from industry and
R&D organizations from all over country.

Registration Fee

NIL

Online meeting link will be sent through
Whatsapp/E-Mail.

The number of participants will be limited to
100.

***Note:** E-Certificates will be provided to those
participants who attend all the sessions of the
programme and clear the online exam as per
the norms of AICTE.

AICTE Sponsored

SIX DAYS ONLINE SHORT TERM
TRAINING PROGRAMME (STTP)
Phase - III

on

**“Recent Advancements of
Computational Electromagnetics
in Modern Microwave Antennas”**
23rd-28th November 2020



Organized by

Department of Electronics & Communication
Engineering



**Sri Venkateswara
College of Engineering**

(Autonomous- Affiliated to Anna University)
Pennalur Village, Sriperumbudur Tk. - 602117.
Tamil Nadu, India.

COORDINATOR

Dr. P. Jothilakshmi, Professor

Programme Brochure-Phase III

About the college

Sri Venkateswara College of Engineering (SVCE) is one of the pioneer institutions in offering engineering education, excelling since 1985. The college received an Autonomous status during 2016. All B.E./B.Tech and M.E./M.Tech programmes are affiliated to Anna University, Chennai. A major objective of this institution is to plan and implement a programme of education in Engineering and Allied Sciences to promote research, to disseminate knowledge, and to foster cooperation and exchange of ideas between the academic community and industrial organizations and to develop entrepreneurship skills among students. The college always strives to achieve academic excellence along with the harmonious development of the personality of students.



About the ECE Dept

Established in the year 1985, the department of ECE offers Under Graduate programme in Electronics and Communication Engineering with the strength of around 750 students guided by a team of devoted and diligent faculty members. Our UG programme is NBA accredited since April 2002. The department also offers a PG programme in Communication Systems with students intake of 25 from the academic year 2002-03. The department provides excellent academic and research environment to the UG, PG and research scholars. The department is recognized by Anna University, Chennai as an approved research center and around 60 research scholars pursue doctoral studies through our research center. The department is well equipped with state of the art laboratory facilities with softwares like Tanner Tools, Lab View, CST, ADS, IE3D, MATLAB and Math CAD, etc.,

The faculty members are involved in research in the areas of as RF & Microwave, Antenna Engineering, Digital Signal Processing, Wireless Communications, VLSI and Embedded systems etc. The department bagged high valued funded projects from prestigious organizations such as ISRO, AICTE, DRDO, and TNSCST, etc.,

About the STTP

Computational Electromagnetics (CEM) is young and growing domain, expanding because of steadily increasing demand for the design and analysis of electromagnetic systems. Accurately predicting the behavior of these systems is a key element in developing novel applications. Computational Electromagnetics (CEM) is necessary to the design, modeling of antenna, radar and other communication systems including the suitable antennas for mobile phones.

Note: The conduct of the STTP with the same theme is planned in three different phases viz., the basic concepts and fundamentals were covered in the first phase. The current technologies and applications were covered in the second phase and futuristic trends and challenges will be covered during the third phase.

Objective of the STTP

The prime objective of this STTP is to provide wide exposure to emerging topics in Computational Electromagnetics, its fundamentals and the design of modern microwave antennas to teaching community. This programme enables the faculty members in the field of technical education to introspect and learn techniques that can help for preparing students to ensure their active and successful participation in knowledge society.

Resource Persons

- Dr. R. Srinivasan**
(Inaugural and Keynote Address)
Member Secretary,
Tamilnadu State Council for Science and Technology.
Dr. D P Kothari, IIT Professor (Retd), Former VC - VIT Vellore
Honorary Adjunct Professor,
VNIT, Nagpur.
- Dr. D Sriram Kumar**
Professor, ECE Department,
NIT, Tiruchirapalli.
- Dr. Pramod P. Bhavarthe**
HoD and Associate Professor,
ECE Department,
Padmabhushan Vasantdada Patil Pratishthan's
College of Engineering, Mumbai.
- Dr. K Kavitha**
Professor, ECE Department,
Velammal College of Engineering and Technology,
Madurai.
- Dr. P. Jothilakshmi**
Professor, ECE Department,
Sri Venkateswara College of Engineering, Chennai.
- Dr. Harish Adhithya. M**
Senior Research fellow, ECE department,
NIT, Tiruchirapalli.
- Dr. G. Bharath reddy**
Senior Research fellow, ECE department,
NIT, Tiruchirapalli.
- Ms. B. Hemalatha**
Assistant Professor, ECE Department,
Sri Venkateswara College of Engineering, Chennai.
- Dr. V. Janardhana**
Director, Step Electronics, Bengaluru.
- Mr. Kartik Goyal**
Application Engineer, Jyoti Electronics, Ahmedabad.
- Ms. Soundarya Venkatesan**
Sr. Application Engineer,
EM Solutions, Altair, Bengaluru.
- Mr. Shashikumar R**
Application Engineer,
Entuple Technologies, Bengaluru.

Programme Flyer-Phase III



Sri Venkateswara College of Engineering

An Autonomous Institution - Affiliated to Anna University

Sriperumbudur Tk - 602 117

AICTE Sponsored

SIX DAYS ONLINE SHORT TERM TRAINING PROGRAMME (STTP)

Phase-III

on

"Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas"

23rd-28th November 2020



KEYNOTE SPEAKERS

Inaugural and Keynote Address



Dr. R. Srinivasan
Member Secretary,
Tamilnadu State Council for
Science and Technology.

Time: 10.00 a.m - 12.00 Noon

Time: 01.30 p.m - 03.30 p.m

Day 1	<p>Mathematical Modelling and Plotting of Reflection Phase Diagram of an EBG Structures Dr. Pramod P. Bhavarthe HoD and Associate Professor, ECE Department, Padmabhushan Vasantdada Patil Pratishthan's College of Engineering, Mumbai.</p>	<p>High-Index Metamaterial Inspired Antenna Designs for Miniaturisation and High Gain Applications Dr. Bharath Reddy Senior Research Fellow, ECE department, NTI, Tiruchirappalli.</p>	
Day 2	<p>Antenna Fundamentals and Design Challenges Dr. P. Jothilakshmi Professor, ECE Department, SVCE, Chennai</p>	<p>Optimization and Opportunities in Antennas Dr. D P Kothari, IIT Professor (Retd), Former VC - VIT Vellore, Honorary Adjunct Professor, VNTI, Nagpur.</p>	<p>5G Simulation Vision with Demo Example Mr. Shashikumar R Application Engineer, Entuple Technologies, Bengaluru.</p>
Day 3	<p>Multi-Band Zeroth Order Epsilon Negative Antenna Dr. Harish Adhithya Senior Research Fellow, ECE department, NTI, Tiruchirappalli.</p>	<p>Antenna Array Applications using FEMO Simulations Ms. Soundarya Venkatesan Sr. Application Engineer, EM Solutions, Altair, Bengaluru</p>	
Day 4	<p>Simulation of Modern Microwave Antenna using CST Studio Suite Mrs. B. Hemalatha Assistant Professor, ECE Department, Sri Venkateswara College of Engineering, Chennai</p>	<p>Demonstrations of CST Studio Suite on MetaMaterials for Advanced Applications Mr. Kartik Gayal Application Engineer, Jyoti Electronics, Ahmedabad</p>	
Day 5	<p>Role of Computational Intelligence Methods in Design and Optimization of Modern Microwave Antennas Dr. K Kavitha Professor, ECE Department, Velammal College of Engineering and Technology, Madurai</p>	<p>Modeling of RF Non-linearities Dr. V Janardhana Director, Step Electronics, Bangalore</p>	
Day 6	<p>Trends in Antennas Research- A Technical Perceptive Dr. D Sriram Kumar Professor, ECE Department, NTI, Tiruchirappalli.</p>	<p>Test, Feedback and Valedictory Function</p>	

Organized by

Department of Electronics & Communication Engineering

ORGANIZING COMMITTEE

COORDINATOR

Dr. P. Jothilakshmi, Professor, ECE

Ms. K. Srividhya, AP/ECE

Mr. S. Senthil Rajan, AP/ECE

Mr. P. Muthukumar, AP/ECE

Ms. B. Hemalatha, AP/ECE

Ms. C. Gomatheeswari Preethika, AP/ECE

Mr. N. Sathish, AP/ECE

Programme Invitation-Phase III

SRI VENKATESWARA COLLEGE OF ENGINEERING



(Autonomous-Affiliated to Anna University)
Pennalur, Sriperumbudur Tk – 602117



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Solicits your esteemed presence for the

INAUGURAL FUNCTION

Of

**AICTE Sponsored
Online Short Term Training Program
Phase III
On**

***RECENT ADVANCEMENTS OF COMPUTATIONAL
ELECTROMAGNETICS IN MODERN MICROWAVE ANTENNAS***

By

**Dr. R SRINIVASAN
Member Secretary
Tamilnadu State Council for Science and
Technology**

**Date: 23/11/2020
Time: 10.00 AM**

ALL ARE CORDIALLY INVITED

Programme Schedule-Phase III



AICTE Sponsored
Online Short Term Training Program (Phase III)
On

**RECENT ADVANCEMENTS OF COMPUTATIONAL ELECTROMAGNETICS IN MODERN
MICROWAVE ANTENNAS**

23th - 28th November 2020

Organized by

SRI VENKATESWARA COLLEGE OF ENGINEERING
Department of Electronics and Communication Engineering

PROGRAMME SCHEDULE

Date/Time	10.00 AM – 10.30 AM	10.30 AM -12.30 PM	1.30 PM – 3.30 PM
23.11.2020	Inaugural and Keynote Address Dr. R Srinivasan MEMBER SECRETARY Tamilnadu State Council for Science and Technology	Mathematical Modelling and Plotting of Reflection Phase Diagram of an EBG Structures Dr. Pramod P Bhavarthe HoD and Associate Professor, ECE Department, Padmabhushan Vasantdada Patil Pratishthan's College of Engineering, Mumbai.	High-Index Metamaterial Inspired Antenna Designs for Miniaturisation and High Gain Applications Dr. Bharath Reddy Senior Research Fellow, ECE department, NIT, Tiruchirapalli.
24.11.2020	10.00AM -11.00AM Antenna Fundamentals and Design Challenges Dr.P Jothilakshmi Professor, ECE Department, Sri Venkateswara College of Engineering, Chennai	11.00 AM – 12 Noon Optimization and Opportunities in Antennas Dr. D P Kothari IIT Professor (Retd), Former VC - VIT Vellore, Honorary Adjunct Professor, VNIT, Nagpur.	5G Simulation Vision with Demo Example Mr. Shashikumar R Application Engineer, Entuple Technologies, Bengaluru.
25.11.2020	10.00 AM - 12.00 Noon Multi-Band Zeroth Order Epsilon Negative Antenna Dr. Harish Adhithya Senior Research Fellow, ECE department, NIT, Tiruchirapalli.		Antenna Array Applications using FEKO Simulations Ms. Soundarya Venkatesan Sr. Application Engineer, EM Solutions, Altair, Bengaluru
26.11.2020	Simulation of Modern Microwave Antenna using CST Studio Suite Mrs. B Hemalatha , Assistant Professor Mr. E Dilli Ganesh , Instructor ECE Department, Sri Venkateswara College of Engineering, Chennai		Demonstrations of CST Studio Suite on Meta-Materials for Advanced Applications Mr. Kartik Goyal Application Engineer, Jyoti Electronics, Ahmedabad
27.11.2020	Role of Computational Intelligence Methods in Design and Optimization of Modern Microwave Antennas Dr. K Kavitha Professor, ECE Department, Velammal College of Engineering and Technology, Madurai		Modeling of RF Non-linearities Dr. V Janardhana Director, Step Electronics, Bangalore
28.11.2020	10.00 AM - 11.30AM Trends in Antennas Research- A Technical Perceptive Dr. D Sriram Kumar Professor, ECE Department, NIT, Tiruchirapalli.		Test, Feedback and Valedictory Function

Coordinator

HOD-ECE

Short Profile of Dr.P.Jothilakshmi

Dr.P.Jothilakshmi completed her BE(ECE) degree from Thanthai Periyar Government Institute of Technology in the Year 1996. She completed her ME (Communication Systems) Degree from Mepco Schenk Engineering College in the Year 2000. She completed her Ph.D degree in Microwave Antenna Design from Thiagarajar College of Engineering under Anna University Chennai in the year 2015. Her research areas are Microwave antenna design, Electromagnetic Interference and Compatibility and Wireless Communication. She is having more than 21 years of teaching and research experience in reputed organizations. She led several numbers of B.E and M.E and Ph.D level projects. Currently ten research scholars are pursuing Ph.D under her guidance. She has submitted several proposals for funding in various government organizations. She published 120 papers research papers in International Journals and Conferences. She has published several SCI indexed and Scopus Journal papers with high impact factor. She reviewed several papers in the journals IET Communications, IEEE Journal of Biomedical and Health Informatics, IET Microwave Antennas and Propagation, Applied Computational Electromagnetic Society Journal, WSEAS Transactions on Communications, IEEE sensors Journal and International Journal of RF and Microwave Computer-Aided Engineering. She is one of the Global Goodwill Ambassador of India for LinkedIn professional network. She is a Doctoral member in various Universities. She received grants from government for organizing workshops and short-term training programme. She attended several workshops and conferences. She received national level Best Women Teacher Award 2018 at N.L.Dalmia Institute of Management Studies and Research in association with Combined Society for Educational Research and Development. She is recognized as top 20 Influential Women Educators in Tamil Nadu for the year 2019 by ULektz wall of fame. She is recognized as top 50 Research Guides across India for the year 2019 by the Academic Council of ULektz. She is the Volunteer of International Human Rights Commission from 11.06.2020. She is an active fellow in professional societies ISTE, IETE and IAENG.

STTP on Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas Registration Form-Phase III

AICTE Sponsored

SIX DAYS ONLINE SHORT TERM TRAINING PROGRAMME (STTP) on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas", 23rd-28th November 2020

COORDINATOR

Dr. P. Jothilakshmi

Organized by

Department of Electronics & Communication Engineering

Sri Venkateswara College of Engineering

(Autonomous- Affiliated to Anna University)

Post Bag No.1, Pennalur Village, Chennai - Bengaluru Highways,

Sriperumbudur Tk. - 602117, Tamil Nadu, India

www.svce.ac.in

Email *

vladimirajuarezo@hotmail.com

Salutation: *

Dr.

Mr.

Ms.

Mrs.

Full Name: *

Vladimir Adolfo Juarez Ortiz

Designation: *

- Professor
- Associate Professor
- Assistant Professor
- Research Scholar
- Other: Industry

Mobile Number(Whatsapp): *

51945764237

E-Mail Id: *

vladimirjuarezo@hotmail.com

College/University Name: *

CONIDA

City: *

Lima

State: *

Lima

Upload the scanned copy of Filled in STTP brochure in PDF format: *

 Vladimir Adolfo ...

This form was created inside of Sri Venkateswara College of Engineering.

Google Forms

Report-Phase III

The six days long online Short Term Training Programme (STTP) on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas" Conducted by Department of Electronics and Communication Engineering of Sri Venkateswara College of Engineering from 23rd to 28th November 2020. This STTP aimed to give exposure to recent advances in the area of Computational Electromagnetics (CEM). It plays a pivotal role in the design, modelling of antenna, radar, and other communication systems including the suitable antennas for mobile phones to the participants.

The inaugural and keynote address was given by Dr.R.Srinivasan, Member Secretary, Tamilnadu State Council for Science and Technology on 23rd November 2020. Welcome address was given by Dr.S.Muthukumar, Professor & Head-Department of ECE. On behalf of the organizing committee, the coordinator of STTP Dr.P.Jothilakshmi, Professor/Department of ECE gave the introductory note about the purpose, objectives and the guidelines that are issued by AICTE for ensuring the successful completion of the event.

The below-mentioned topics were discussed for the knowledge enhancement of our participants with the detailed Live Demo by highlighting the features of various EM simulators such as MATLAB, CST Studio Suite, HFSS, XFDTD, and MATLAB, etc., that are available for carrying out 3D EM Simulation with specific reference to Antenna design.

A presentation with the following outline was discussed:

- ✓ Mathematical Modelling and Plotting of Reflection Phase Diagram of an EBG Structures
- ✓ High-Index Metamaterial Inspired Antenna Designs for Miniaturisation and High Gain
- ✓ Applications
- ✓ Antenna Fundamentals and Design Challenges
- ✓ Optimization and Opportunities in Antennas
- ✓ 5G Simulation Vision with Demo Example
- ✓ Multi-Band Zeroth Order Epsilon Negative Antenna
- ✓ Antenna Array Applications using FEKO Simulations

- ✓ Simulation of Modern Microwave Antenna using CST Studio Suite
- ✓ Demonstrations of CST Studio Suite on Meta-Materials for Advanced Applications
- ✓ Role of Computational Intelligence Methods in Design and Optimization of Modern Microwave Antennas
- ✓ Modeling of RF Non-linearities
- ✓ Trends in Antennas Research- A Technical Perceptive

We have received unconditional support from our resource persons during the event and particularly the efforts taken by them in explaining various Design concepts with required simulations in line with our requirements were remarkable. Our participants got benefited by attending this informative and much useful STTP. Faculty Members and Research Scholars from other institutions across the country participated with lots of interest. Around 50 participants benefited from these six days long STTP. The participants obtained the required clarifications by having an interactive session and enjoyed thoroughly all the discussions. Participants also enriched their understanding of the EM simulation software and learned with the real-time implementation of various design and modelling principles.

Concluding Remark:

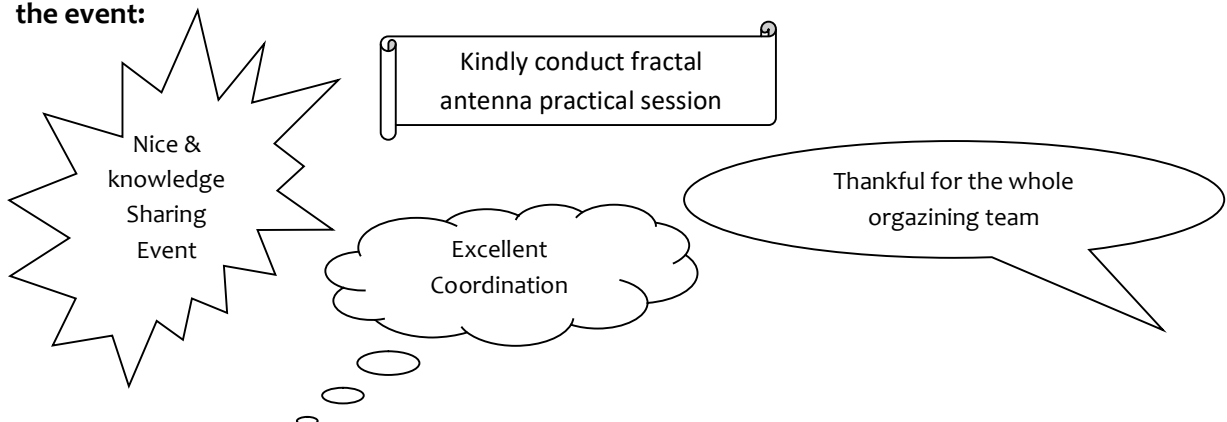
The participants shared their feedback positively about the STTP. All our participants have actively participated in all the session and E-certificates provided to those participants who have cleared the online exam as per the norms of AICTE.

Highlights of the event:

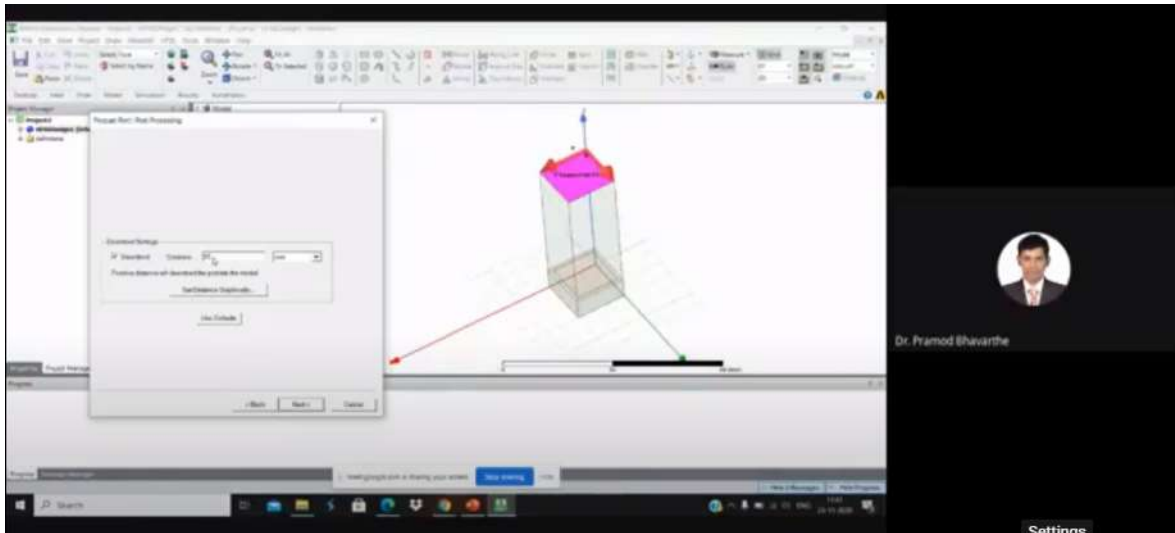
Total Number of Participants Attended: 51

Number of participants received the participation certificates after sucessfully fulfilling the AICTE test guidelines: 43

Some of the Specific comments received from our participants after the completion of the event:



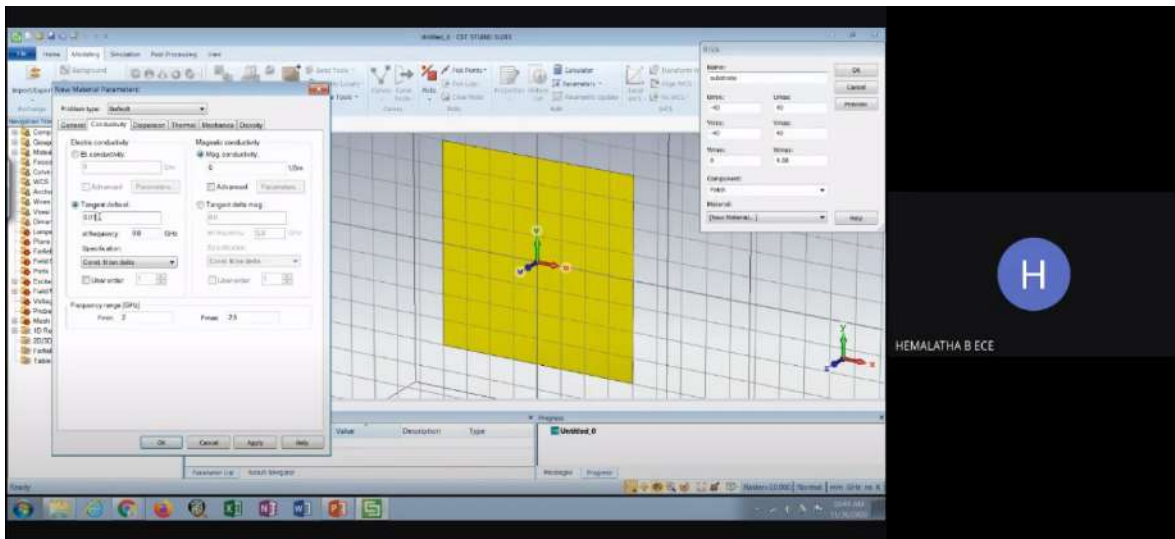
Event Photos-Phase III



Mathematical Modelling and Plotting of Reflection Phase Diagram of an EBG Structures Session by

Dr. Pramod P. Bhavarthe

HoD and Associate Professor, ECE Department, Padmabhushan Vasantdada Patil
Pratishthan's College of Engineering, Mumbai.



Simulation of Modern Microwave Antenna using CST Studio Suite Session by

Mrs.B.Hemalatha

Assistant Professor, ECE Department, Sri Venkateswara College of Engineering, Chennai

Event Photos-Phase III



Karthik Goyal

Demonstrations of CST Studio Suite on Meta-Materials for Advanced Applications

Session by

Mr. Karthik Goyal

Application Engineer, Jyoti Electronics, Ahmedabad.

Gain enhancement of patch antenna using High refractive index metamaterial superstrate

22

11/28/2020

sriram kumar Dhamodharan

Trends in Antennas Research- A Technical Perceptive

Session by

Dr. D Sriram Kumar

Professor, ECE Department,
NIT, Tiruchirapalli.


Coordinator


HOD-ECE


The following faculty members cleared the test and eligible to get the participation certificate for phase III.

SL. NO	PARTICIPANT'S NAME	SL. NO	PARTICIPANT'S NAME	SL. NO	PARTICIPANT'S NAME
1.	MR NARASAI AH	16	MS MONISHA S	31	MS V.CHINNAMMAL
2.	MR.DHUPAM ARUN KUMAR	17	MS T SAMPATH	32	MR MOHAN R
3.	MR P. ARUL	18	MR V.RAMKUMAR	33	MR N.SURIYA
4.	MR VENKATRAMAN S	19	MS K.JAYANTHI	34	MS ANNIE GRACE VIMALA G S
5.	MR SRINIVASU GARIKIPATI	20	MR SIVAKUMAR A	35	MS USHA KIRAN KOMMURI
6.	MS SOWJANYA KESANA	21	DR. P. SURENDRA KUMAR	36	MS R.PANDIMEENA
7.	MR CHARLES VINOTH J	22	MS N.ARCHANA	37	MS KRITHIGA J
8.	MR SEJAL AMEYA KADAM	23	MR SRINIVASARAO ALLURI	38	MR M.M.ARUN PRASATH
9.	MR SHRAWAN KUMAR PATEL	24	MR NAGESWARA RAO REGULAGADDA	39	MR MAHESWARAN G
10.	MR MOHANA SUNDARAM R	25	MS R MENAKA	40	MS S.BHUVANESWARI
11.	MS T GAYATRI	26	MS GOWRI MANOHARI R	41	MS MONICA J
12.	MANIMEGALAI L	27	MS M.ANITHA	42	MS JHANANI SHREE U
13.	MR VIJAYA VARDAN REDDY SP	28	MS N VARNIKHA	43	MR BALAJI VIGNESH L K
14.	MS D.K.VISHALATCHI	29	MS ASWATHI.K.P		
15.	MS.T.D.SUBHA	30	MS R.TAMILSELVI		

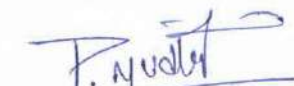
Organizing Committee Members:



Ms.K.Srividhya, AP/ECE, SVCE



Ms.B.Hemalatha, AP/ECE, SVCE


Mr.S.SenthilRajan, AP/ECE, SVCE


Ms.C.Gomatheeswari Preethika, AP/ECE, SVCE

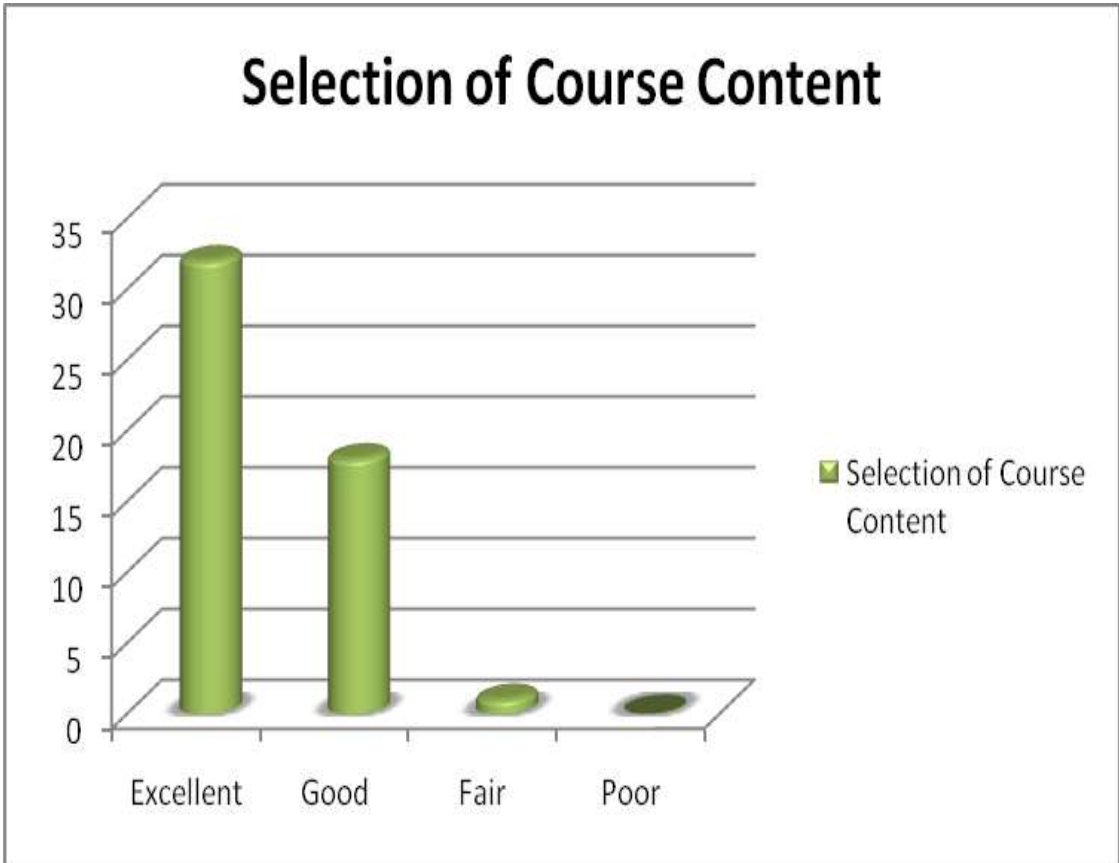
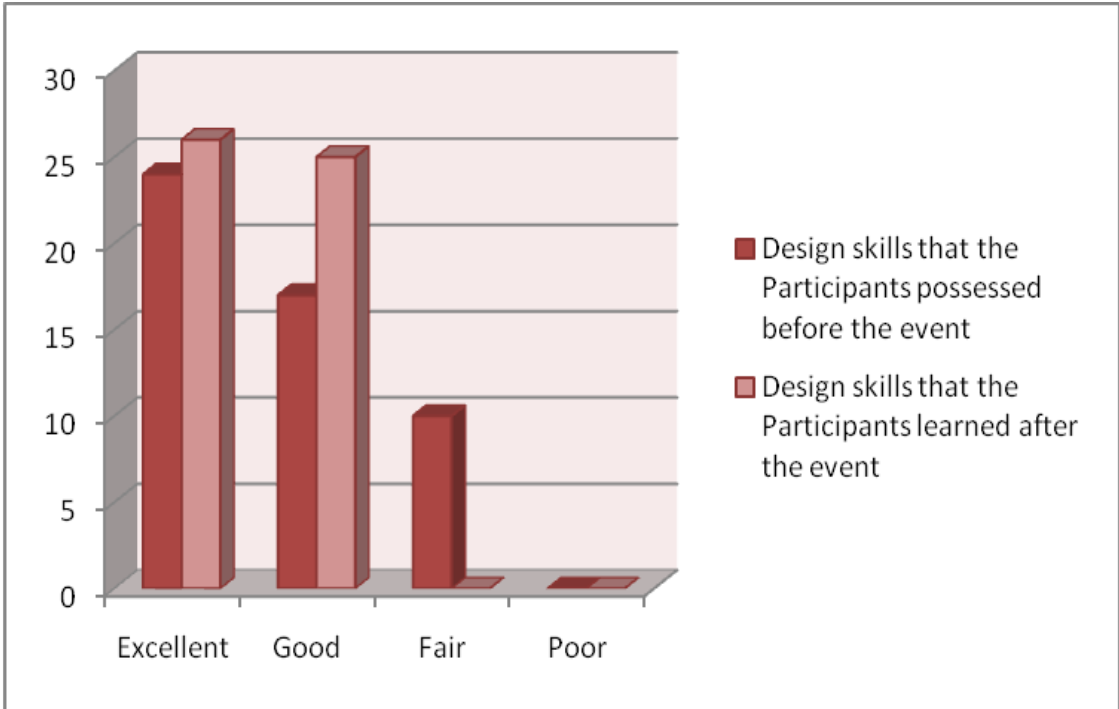

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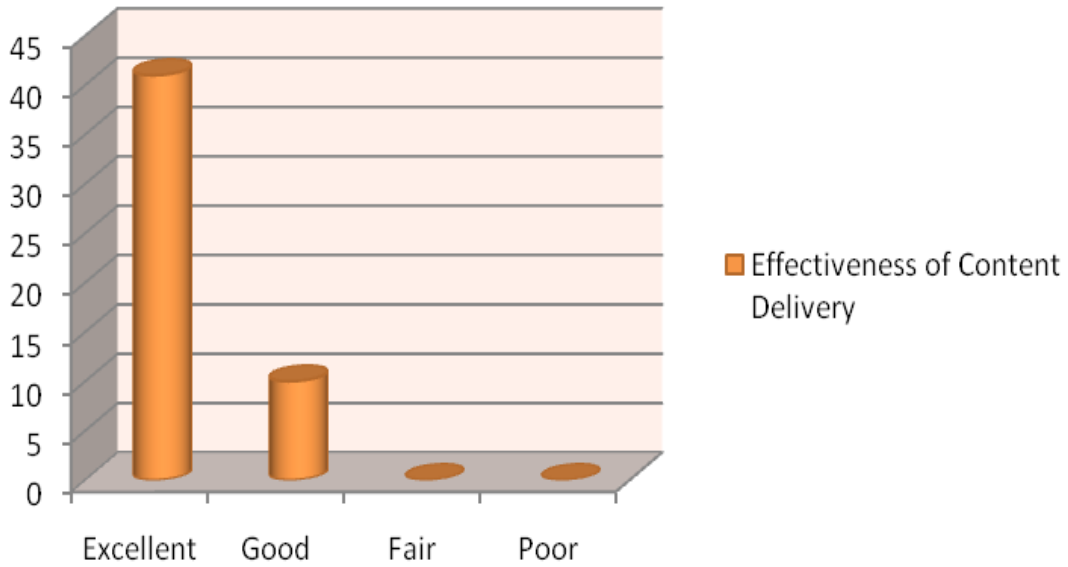

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Feedback Analysis-Phase III



Feedback Analysis-Phase III

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AICTE Sponsored Six Days Online Short Term Training Programme (STTP)

Phase III

Certificate of Participation

This is to certify that

*Mr. Balaji Vignesh L K, Assistant Professor
Ramco Institute of Technology*



has attended six days online Short Term Training Programme (STTP) Phase-III on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas" organized by Department of ECE, Sri Venkateswara College of Engineering from 23.11.2020 to 28.11.2020.

Coordinator

Dr. P. Jothilakshmi, Professor

HOD/ECE

Dr. S. Muthukumar

Principal

S. Ganesh Vaidyanathan