

Bharath Institute of Higher Education and Research

[Declared Under Section 3 of UGC Act, 1956]

Chennai – 600 073

INTERNAL QUALITY ASSURANCE CELL (IQAC)
DOCUMENTS SUBMISSION FORM

Date of Submission	12.07.2019
Type of Documents	Workshop
Description	Workshop on Digital and Custom IC design using CADENCE
Enclosures	a) Requisition Letter b) Approval Letter c) Program Schedule d) Circular e) Invitation f) Participation List g) Photos h) Certificate i) Brochure j) Feedback Form
No. of Pages	17
Submitted By	Name : Dr. M.Sangeetha Designation : Professor & HOD/ECE Department : ECE Signature :

For Office Use Only

Verified By:	K. Saktivel	Sign:	Date: 12/7/2019
Uploaded By:	K. Senthil Kumar	Sign:	Date: 12/7/2019
File Name:	SEE - ECE - WORK - 2019 - 2020 - 01		



Director IQAC – BIHER



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INSTITUTE OF HIGHER EDUCATION AND RESEARCH
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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

REQUISITION LETTER

DATE: 20.06.2019

FROM

The HOD

Department of ECE

Bharath Institute of Higher Education and Research

Selaiyur, Chennai-73

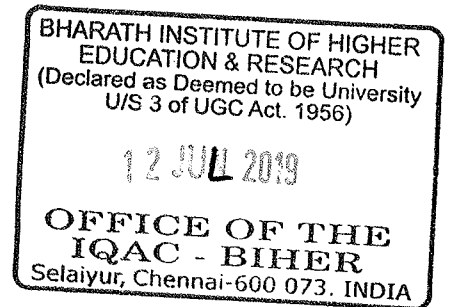
TO

The Dean Engineering

Bharath Institute of Higher Education and Research

Selaiyur, Chennai-73

Respected Sir,



Subject: Requisition for Conducting Workshop -reg

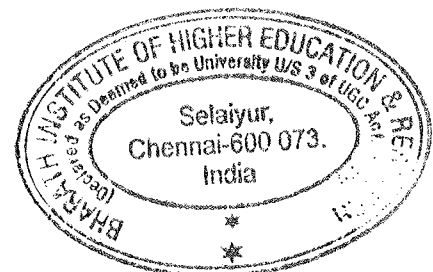
The School of Electrical Engineering has planned to conduct two days workshop on the topic **“Digital and Custom IC design using CADENCE”** dated on **4.07.2019 & 05.07.2019**. In this regard, I request you to kindly grant permission for conducting the same

Thanking You

HOD/ECE

Dean Engineering
DEAN (Engineering)

Bharath Institute of Science & Technology
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Selaiyur, Chennai-600 073.





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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

Approval Letter

Date: 27.06.2019

From

The HOD,

ECE Department,

Bharath Institute of Higher Education and Research,

Selaiyur, Chennai.

To

The coordinator,

Bharath Institute of Higher Education and Research,

Selaiyur, Chennai.

Respected Sir,

SUB: Approval for conducting “Digital and Custom IC design using CADENCE-
Reg

With request to conduct the “Workshop on Digital and Custom IC design using CADENCE” by Department of ECE on 04.07.2019 & 05.07.2019 in association with IBM Pvt. Ltd, Bangalore, I hereby approve for conducting the same.

Thanking you

HOD/ECE



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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

SCHOOL OF ELECTRICAL ENGINEERING
WORKSHOP ON DIGITAL AND CUSTOM IC DESIGN USING CADENCE

SCHEDULE

04/07/2019

09.30 - 10.00 AM	Inaugural Address
09.30 AM	Welcome Address Dr.M.Sangeetha
09.35 AM	About the Workshop Dr.S.ArulSelvi
09.40AM	Introduction of the Chief Guest Dr. J.HameedHussain
09.45 AM	Inaugural address by Chief Guest Mr. SelvaKumar, Vikasha Electronics Chennai
10.00 AM Onwards	Invited Talk Mr. Selva Kumar, Vikasha Electronics Chennai
12.30-1.30 PM	Lunch break
02.00-04.00PM	Session on Digital and Custom IC design using CADENCE

Bharath Institute of Higher Education and Research

SCHOOL OF ELECTRICAL ENGINEERING
WORKSHOP ON DIGITAL AND CUSTOM IC DESIGN USING CADENCE

SCHEDULE

05/07/2019

09.30 -11.00 AM	Session on Digital and Custom IC design using CADENCE applications
11.00 AM-12.30 PM	Session on Digital and Custom IC design using CADENCE applications
12.30-1.30 PM	Lunch break
1.30-2.30PM	Digital and Custom IC design using CADENCE applications
02.30-3.15PM	Hands-on training on implementing IC design using CADENCE
<u>Valedictory program</u>	
03.30-03.45PM	Valedictory Function
03.45-04.00PM	Vote of Thanks (Coordinator)



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CIRCULAR
SCHOOL OF ELECTRICAL ENGINEERING

Date:20.06.2019

The Workshop on “**Digital and Custom IC design using CADENCE** “is planned by the School of Electrical Engineering on **4.07.2019 & 05.07.2019**.

This Workshop Programme is offered by Department Of ECE,Bharath Institute of Higher Education and Research, with the duration of two days (**04.07.2019 & 05.07.2019**).In this Regard,Students are instructed to give their willingness and confirm their participation to their respective class in charge/workshop Coordinator before **28.06.2019**

Dr.B.Karthik

Associate Professor/ECE, School of electrical Engineering

Workshop Coordinator

Bharath Institute of Higher Education and Research

Email id: karthiklelect@gmail.com

Convener:

Dr.M.Sangeetha,

HOD/ECE



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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

Bharath Institute of Higher Education and Research
Department of ECE
INVITATION



School of Electrical Engineering

In association

With

M/s. IBM Private Limited, Bangalore

The Management, Chancellor, Vice Chancellor, Deans, HODs, Faculty and Students of School of Electrical Engineering

Cordially invites you for the two days Workshop on

"Digital and Custom IC design using CADENCE "

- Resource Persons : Mr. Selva Kumar, Vikasha Electronics Chennai
Mr. Balakrishnan, Senior Design Engineer, Foreview Technologies , Chennai
- Keynote Address : Dr J.Hameed Hussain
Dean Engineering, BIHER, Chennai
- Special Address : Dr M.Sangeetha
Professor & Head, Department of ECE, Chennai
- Program Coordinator : Dr.B.Karthik
Associate Professor, BIHER, Chennai

Venue:

Smart Room, ECE, BIHER

Date & Time:

04th & 05th JULY 2019; 09.30 Am-04.30 PM



Bharath Institute of Higher Education and Research
Department of ECE
BROCHURE

Registration form Name : Designation: Name of the Organization/Institution :	Advisory Committee: Dr.J.Sundoop Anand Chancellor/BIHER Dr.S.Sureetha Anand Managing Director/BIHER Dr.V.Kanagasabai Vice chancellor/BIHER	
Address for Communication :	Co Patron Dr.K.P.Thomyasmani Pro vice chancellor/BIHER Dr.J.Hameed Hussain Dean Engineering /BIHER Dr.M.Sundarasajan Dean School of Electrical science/BIHER	BHARATH INSTITUTE OF HIGHER EDUCATION AND RESEARCH 173, Agharam road, Selaiyur, Chennai-600073
Contact No: Gmail : Category : Students/Research Scholar/Faculty/Industrial person	Convener Dr.M.Sangotha Professor & HOD/ECE	WORKSHOP ON Digital and Custom IC design using CADENCE In Association with IBM Private Ltd,Bangalore 04th and 05th JULY 2019 Organized by
Payment Details : D.D No/ Date : Drawn on Bank : Amount :	Program Committee: Dr.B.Karthik Associate Professor/ECE	DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Signature of Head of Institution /Organization	Technical Committee: Dr.S.Philomina Associate Professor/ECE M.Jasmin Assistant Professor/ECE	
Date : (Photo copies of the form accepted)	Organizing Secretary: Sravani.S Student of ECE Rajesh.K Student ECE	www.bharathuniv.ac.in



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BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

No.173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

About the University:

The first self-financing Engineering College in the name of Bharath Institute of Science and Technology (BIST) was started in Tamil Nadu in 1984 by Sri Lakshmi Ammal Educational Trust, established by the academic visionary Dr.S.Jagathrakshakan.

Bharath University and is known for providing high quality education to around 10000 students from across the world in multiboom. The institute facilitates the guidance of 1300 teaching faculty members to provide guidance to do Undergraduate, Postgraduate programs and to facilitate Ph.D. research.

About the Department:

Electronics and Communication Engineering (ECE) is a swiftly advancing field, with new ideas emerging every other seconds. Graduate engineers in this discipline will be equipped to design and fabricate, install, operate and maintain complex electronic circuits, equipments and systems.

The course also covers designing security in communications, besides all the software and hardware required in the communication domain.

About the Workshop:

- Digital and Custom IC design using CADENCE
- Recent developments in IC design using CADENCE
- Custom IC design using CADENCE
- Implementing IC design using CADENCE

RESOURCE PERSONS

1. Mr Selva Kumar, Vikas Electronics, Chennai.
2. Mr Balakrishnan, Senior Design Engg, Forview Technologies, Chennai.

VENUE:

Smart Room
Department of Electronics and Communication Engineering,
BIHER Chennai.

Instructions for the Participants:

Those who want to participate in this Workshop fill their details in the registration form and get signature from their Higher Authorities. Along with the registration form take DD drawn in favour of "Deen Engineering" BIHER payable at Punjab National Bank (PNB), selaiyur branch - Chennai 73, should be sent to the Head of Dept. of ECE/BIHER, for their participation confirmation. DD should carry full name, contact number and address of the participants.

Note : Accommodation shall be arranged on request basis at a reasonable cost.

Dates to be Remember :

Last date for Registration : 21.05.2019.
Confirmation through mail from Institution : 28.05.2019
Registration fee details:
Students : Rs.250/
Research scholars & Staff members : Rs.500/
Industrial Person : Rs.750/



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Bharath Institute of Higher Education and Research

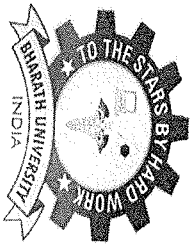
Department of ECE

PARTICIPANTS LIST

Total No. Of Students=40

S.NO	STUDENTS NAME	NAME OF THE COLLEGE	CATEGORY	STATE
1	U17EC010-DOKKU NAGA SUBRAMANYESWARA RAO	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
2	U17EC011-MOHAMED SAMEER	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
3	U17EC012-MD RIYAZUDDIN	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
4	U17EC013-GAGGALA VAMSI KRISHNA	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
5	U17EC014-MARGANA GEETHA MANIKANTA	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
6	U17EC015-THORATI	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
7	U17EC016-SAPIREDDY VENKATA NARENDRA	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
8	U17EC033-MODIYAM KIRAN KUMAR	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
9	U17EC018-GARAGA SURYA SUMANTH	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
10	U17EC019-RAMPRASAD	Bharath Institute of Higher Education and Research	Student	TamilNadu
11	U17EC022-KOTHA MURALI SATYA KRISHNA	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
12	U17EC023-THARANI	Bharath Institute of Higher Education and Research	Student	TamilNadu
13	U17EC024-EUNICE GLORY DAVID	Bharath Institute of Higher Education and Research	Student	TamilNadu
14	U17EC026-KANCHARLA JAYA VEERA	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
15	U17EC040-VAKAMALLA DATHA POOJA	Bharath Institute of Higher Education and Research	Student	Andhra Pradesh
16	U17EC028-ANU	Bharath Institute of Higher Education and Research	Student	TamilNadu
17	U17EC029-MANO HAR	Bharath Institute of Higher Education and Research	Student	TamilNadu
18	SIVASHANKARI N	St.Joseph's Institute of Technology, Chennai	Student	TamilNadu
19	MOHAMED THANFIQ A	St.Joseph's Institute of Technology, Chennai	Student	TamilNadu
20	JAYED AHMED	Dhanalakshmi College of Engineering	Student	TamilNadu
21	KUMARI PRIYANKA	Dhanalakshmi College of Engineering	Student	TamilNadu
22	ANIS MD	Dhanalakshmi College of Engineering	Student	TamilNadu
23	MURALITHARAN	Dhanalakshmi College of	Student	TamilNadu

		Engineering		
24	NABIL NAIDU	KPR Institute of Engineering and Technology	Student	TamilNadu
25	PAVITHRA	BIHER	Student	TamilNadu
26	NAVEEN	SNS College of Technology	Student	TamilNadu
27	NEERAJ	SNS College of Technology	Student	TamilNadu
28	DEEPSHIKA KUMARI	SNS College of Technology	Student	TamilNadu
29	HARESH	SNS College of Technology	Student	TamilNadu
30	SARATH BABU	Bharath Institute of Higher Education and Research	Student	TamilNadu
31	TAMIZH THENDRAL	Bharath Institute of Higher Education and Research	Student	TamilNadu
32	SUGENTHAN	Bharath Institute of Higher Education and Research	Student	TamilNadu
33	UDHAYAN	SNS College of Technology	Student	TamilNadu
34	LOKESH	Bharath Institute of Higher Education and Research	Student	TamilNadu
35	JAISHANKAR	SRM College of Engineering and Technology	Student	TamilNadu
36	ABHISHEK	Agni College of Technology	Student	TamilNadu
37	HARESH	Agni College of Technology	Student	TamilNadu
38	MONISHA.S	SRM College of Engineering and Technology	Student	TamilNadu
39	PRADEEP KUMAR.R.M	SRM College of Engineering and Technology	Student	TamilNadu
40	SUMIT	Dhanalakshmi College of Engineering	Student	TamilNadu



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ACCREDITED WITH 'A' GRADE BY NAAC

SCHOOL OF ELECTRICAL ENGINEERING

CERTIFICATION OF PARTICIPATION

This is to certify that PRADEEP KUMAR.R.M has attended two days workshop on "Digital and Custom IC design using CADENCE" Organized by the Department of Electronics and Communication Engineering, BIHER conducted on 4.07.2019 & 5.07.2019

COORDINATOR

Dr. S.Arulselvi

Mr.Karthick B

CONVENOR

Dr.M.Sangetha



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SCHOOL OF ELECTRICAL ENGINEERING
FEEDBACK FORM

WORKSHOP ON Digital and Custom IC Design Using CADENCE

FEED BACK FORM		Date: 4/7/2019			
Name	Haresh				
Phonenumber	9176773934				
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
The Speaker				✓	
Audio, Visual Aids Technology used				✓	
Presentation hand outs					✓


Student Signature



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SCHOOL OF ELECTRICAL ENGINEERING FEEDBACK FORM WORKSHOP ON Digital and Custom IC Design Using CADENCE

FEED BACK FORM						Date: 5/7/2019
Name	Sivashankari.N					
Phonenumber	9884558466					
	Poor	Fair	Good	Very Good	Excellent	
Overall Program						
The Speaker				✓		
Audio, Visual Aids Technology used				✓		
Presentation hand outs					✓	

Siva
Student Signature



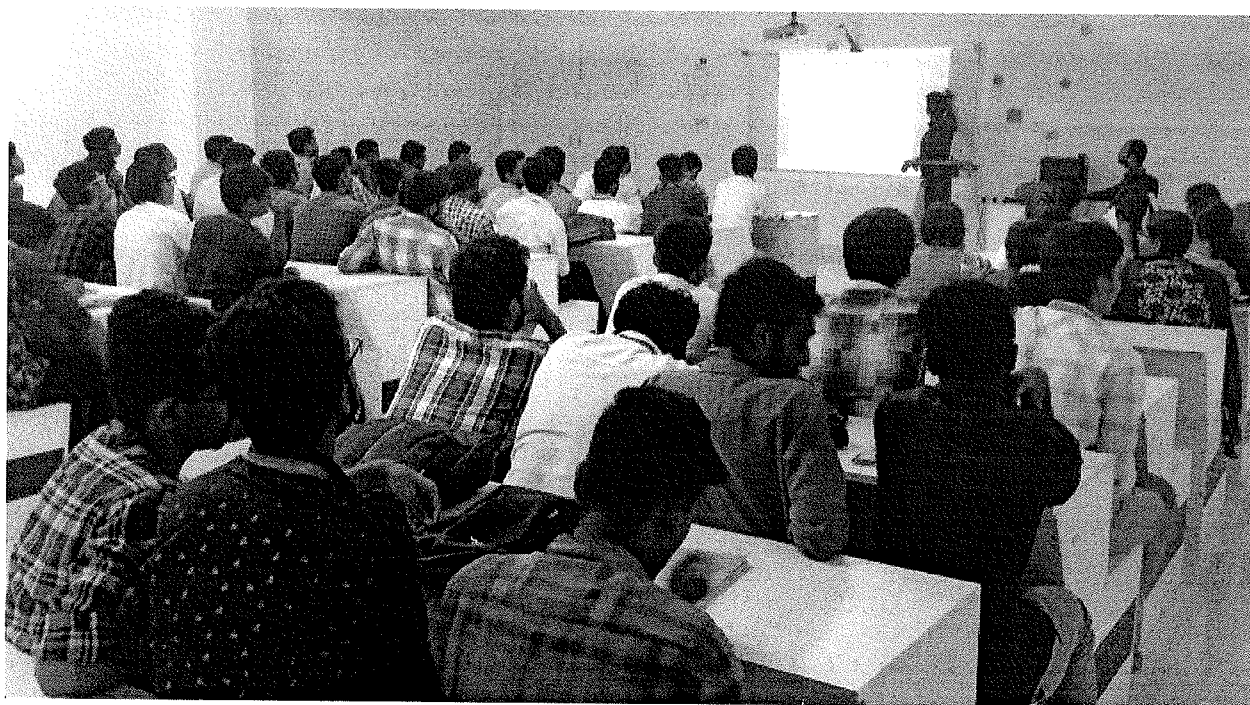
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Department of ECE
WORKSHOP ON DIGITAL AND CUSTOM IC DESIGN USING CADENCE
PHOTOS



**Students are attending a Digital and Custom IC Design Using CADENCE” on
4.07.2019 & 05.07.2019**