



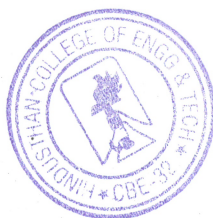
Hindusthan
College of Engineering and Technology,
Coimbatore 641 032.
www.hicet.ac.in

Club: Computer Society of India

Academic Year :2021-2022

INDEX OF EVENTS

Activity	Date	Name of the Event	Number of Participants
1	23.08.2021	Data Models Revisit: Improving the Quality of Database Research with ORA-Semantics in ER Model	90
2	07.03.2022	Girls Coding Challenge (Dare2Code)	32



(Handwritten signature)

Dr. S. SHANKAR, M.E., Ph. D.,
PROFESSOR & HEAD

Department of Computer Science and Engineering
 Hindusthan College of Engineering and Technology
 Coimbatore - 641 032



Hindusthan

College of Engineering and Technology,

Valley Campus, Pollachi Highway, Coimbatore 641 032.

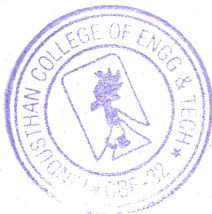
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Report for Webinar Organized

Name of the Faculty : Dr.S.Shankar Ms.M.Revathi	
Department : CSE	Designation : 1. Professor & Head 2. Assistant Professor
Name of the Event : CSI sponsored webinar on "Data Models Revisit: Improving the Quality of Database Research with ORA-Semantics in ER Model."	
Level : College Level	
Venue / Mode : HiCET / Virtual	
No. of Days : 1	Dates : 23.08.2021
Funded by :-	
No. of Participants: 90	Registration charges (if any): -
Name and Designation of Resource Person(s): Tok Wang LING Department of Computer Science, School of Computing, National University of Singapore	
Outcome: <ul style="list-style-type: none"> • Gained knowledge on Semantics in ER models, limitations of relational model. • Provided insight into ORA Semantics, XML Schema 	
Remarks and Feedback on the Event: <ul style="list-style-type: none"> • Useful, well-coordinated and organized 	
Plan of Implementing in HiCET (if any) : -	
Signature of the Faculty	Signature of HoD
	Signature of Principal

Dr. S. SHANKAR, M.E., Ph. D.,
PROFESSOR & HEAD
 Department of Computer Science and Engineering
 Hindusthan College of Engineering and Technology
 Coimbatore - 641 032

PRINCIPAL
 Hindusthan College of Engineering & Technology,
 COIMBATORE - 641 032



Copy of the Event Brochure / Invitation:



Hindusthan

College of Engineering and Technology

(An Autonomous Institution)
Valley Campus, Pollachi Highway, Coimbatore-32.

Department of
Information Technology
&
Computer Science and Engineering

Cordially invite you for the
Webinar on
“Data Models Revisit: Improving the Quality of Database
Research with ORA-Semantics in ER Model”



Dr. TOK WANG LING
Department of Computer Science,
School of Computing,
National University of Singapore

CEO & Principal
Dr. K. Karunakaran

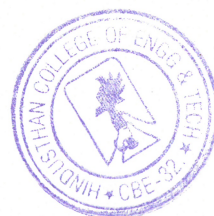
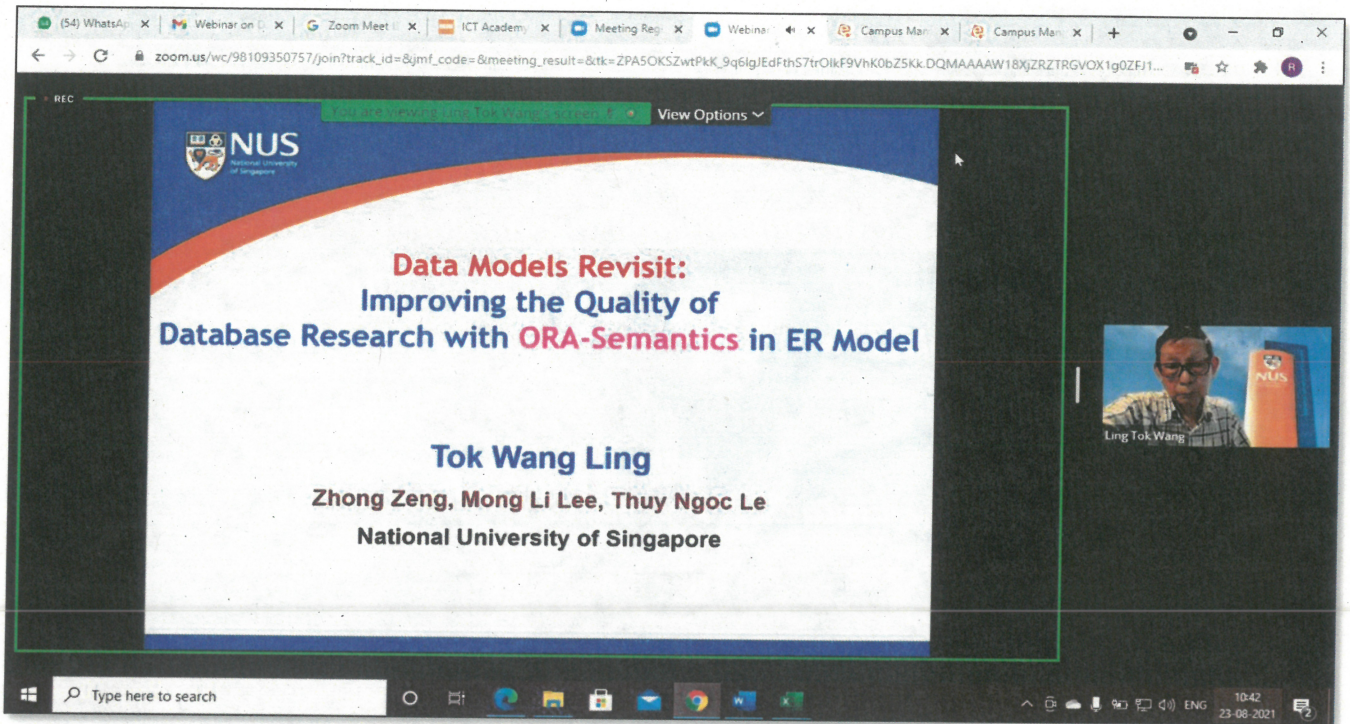
Co-ordinators
Dr. R. Mahaveerakannan, AP/IT
Ms. M. Revathi, AP/CSE
Ms. P. Anitha, AP/IT
Ms. K. Kavitha, AP/IT

Convenor
Dr. I. Jasmine Selvakumari Jeya
ASP & HOD/IT
Dr. S. Shankar,
Professor & HOD/CSE

Date: 23-08-2021 @ 10:30AM
Zoom Meet: [https://zoom.us/meeting/register/tJwsd-CrqqzstH9NlPEPyL29GPBJKuX0Q4aki](https://zoom.us/join/https://zoom.us/meeting/register/tJwsd-CrqqzstH9NlPEPyL29GPBJKuX0Q4aki)



Geo Tagged Photographs of Event:



ORA-SS Data Model [6]

- ORA-SS data model [6] is designed to capture ORA-semantics in XML data
 - ✓ Distinguish between objects, relationships, and attributes

(An ORA-SS schema diagram for the university database)

Participants (90)

- 19110051 Mahalakshmi
- Giri Prasath
- Moni Sri R
- Amirthavarshini P
- Dr.Jasmine Selvakumari Jeya
- ARUNA DEVI A
- 20110026 HICET STUDENT
- Adithya Saju
- Aakash S
- E. Jaya vishnu
- Divakar R
- Anuraji Velluva
- Gokul Prasanth
- 20110064
- Sandeepkumar V
- Karan K

Malumichampatti, Tamil Nadu, India
 Shortcut Way, Malumichampatti, Tamil Nadu 641050, India
 Lat 10.886579°
 Long 76.992567°
 23/08/21 11:43 AM

XML DTD and XML Schema

- The constraints on the structure and content of an XML document can be described by DTD or XML Schema

```

<!DOCTYPE universitydb [
  <ELEMENT db {Lecturer*, Course*}>
  <ELEMENT Lecturer {Hobby*, Qualification*, Department*}>
  <!ATTLIST Lecturer ID ID #REQUIRED
    Name "data"
    Course "DREPS #IMPLIED">
  <ELEMENT Course {Textbook*, Student*}>
  <!ATTLIST Course Code ID #REQUIRED
    Title "course"
    Prereq "DREPS #IMPLIED">
  <ELEMENT Student {Name, Grade}>
  <!ATTLIST Student SID idata #REQUIRED>
]
    
```

(An XML DTD for the university database)

(An ER diagram)




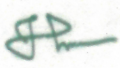
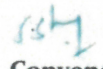
(A possible XML schema tree)

Participants (90)

- Uma Jothi
- 19110051 Mahalakshmi
- Giri Prasath
- Moni Sri R
- Amirthavarshini P
- Dr.Jasmine Selvakumari Jeya
- ARUNA DEVI A
- 20110026 HICET STUDENT
- Adithya Saju
- Aakash S
- Rajmani Nadar
- E. Jaya vishnu
- Divakar R
- Anuraji Velluva
- Gokul Prasanth
- Monica P



Copy of the Participation/Issue Certificate:


	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institution, Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai & Accredited with "A" Grade by NAAC, Valley Campus, Pollachi Highway, Coimbatore-641 032)	 
DEPARTMENT OF INFORMATION TECHNOLOGY & COMPUTER SCIENCE AND ENGINEERING		
<i>Certificate of Participation</i>		
This is to be Certified that _____ of Hindusthan College of Engineering and Technology has attended Webinar on <i>"Data Models Revisit: Improving the Quality of Database Research with ORA-Semantics in ER Model"</i> on 23 rd August 2021.		
 Convener Dr. I. Jasmine Selvakumari Jeya Prof. & HOD-IT		 Convener Dr. S. Shankar Prof. & HOD-CSE





Hindusthan
College of Engineering and Technology,
Valley Campus, Pollachi Highway, Coimbatore 641 032.
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Report for Girls Coding Challenge Organized



Name of the Faculty : 1. Dr.S.Shankar 2. Dr.M.Revathi 3. Mr.R.Jayaraj	
Department : CSE	Designation : 1. Professor & Head / CSE 2. Associate Professor / CSE 3. Assistant Professor / CSE
Nature of the Event : Coding Contest	
Category : College Level	
Title : Girls Coding Challenge (Dare2Code)	
Venue : CSE Lab, Hindusthan College of Engineering and Technology	
No. of Days : 1	Dates : 07.03.2022
Funded by : -	
No. of Participants : 32	Registration charges (if any) : -
Name and Designation of Resource Person(s) : Dr.S.Shankar Professor & Head, Department of CSE, Hindusthan College of Engineering and Technology	
Outcomes of the Event : Girl students are provided a platform to express their coding skills. It provided them an opportunity to showcase their talent and compete.	
Remarks and Feedback on the Event : Very useful and well planned.	
Plan of Implementing in HiCET (if any) : Planning to conduct every year	
M. Revathi Signature of the Faculty	S. Shankar HoD
	 Principal

Dr. S. SHANKAR, M.E., Ph. D.,
PROFESSOR & HEAD
 Department of Computer Science and Engineering
 Hindusthan College of Engineering and Technology
 Coimbatore - 641 032

PRINCIPAL
 Hindusthan College of Engineering & Technology,
COIMBATORE - 641 032



Copy of the Event Brochure / Invitation:



HINDUSTHAN
COLLEGE OF ENGINEERING AND TECHNOLOGY
(An Autonomous Institution)
Valley Campus, Pollachi Highway
Coimbatore – 641032

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
COMPUTER SOCIETY OF INDIA

organizes

Girls Coding Challenge
(Darc2code)

Coordinators
Dr.M.Revathi, ASP/CSE
Mr.R.Jayaraj, AP/CSE

Convenor
Dr.S.Shankar
HOD/CSE

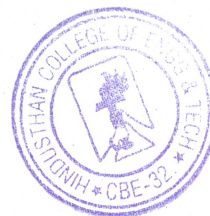
Patrons

Dr.J.Jaya
Principal

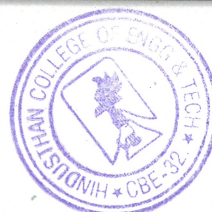
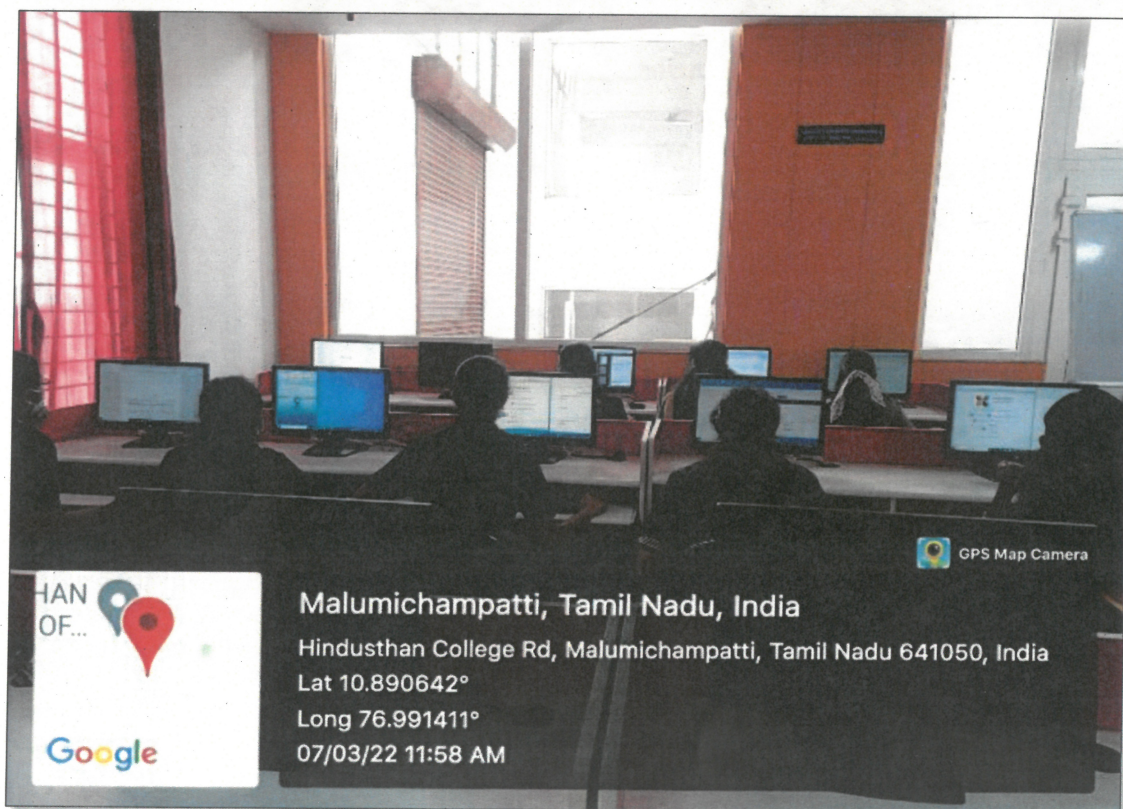
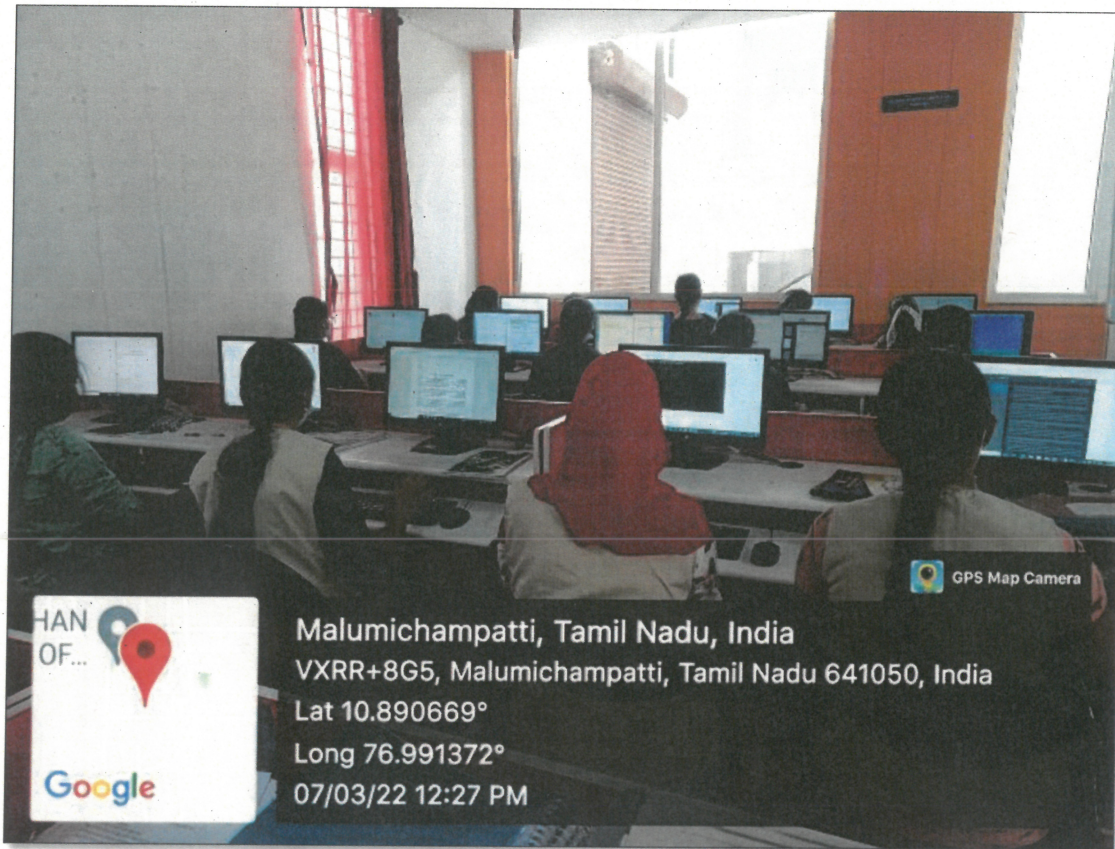
Dr.K.Karunakaran
CEO

Date: March 07, 2022 Venue: CSE Lab, HICET
Time: 11.00 am to 12.00pm



Link to register: <https://forms.gle/Tj9a2YWm4DYVvaDNm7>



Geo-Tagged Photographs of Event:



Copy of Participation / Issue Certificate

 HICET	<p style="text-align: center;">HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY (An Autonomous Institution) (Approved by AICTE, Affiliated to Anna University Chennai, Accredited by NBA, Accredited with 'A' Grade by NAAC) Valley Campus, Pollachi Highway Coimbatore - 641032</p>	
<p>CERTIFICATE OF PARTICIPATION</p>		
<p>This is to certify that _____ has participated in the Girls Coding Challenge organized by Department of Computer Science and Engineering, Hindusthan College of Engineering and Technology, Coimbatore on March 07, 2022.</p>		
<p>Dr. S. Shankar Convener</p>		<p>Dr. J. Jaya Principal</p>

