

**ETHIRAJ COLLEGE FOR WOMEN (Autonomous)**  
**Chennai – 600 008**

Affiliated to the University of Madras  
College with Potential for Excellence  
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**5.1.3 Capacity Development and  
Skill Enhancement Activities**

**Awareness of Trends in Technology**

**2017-2018**

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## **PROGRAMMING FOR VERY LARGE-SCALE INFRASTRUCTURE - VLSI**

Date : 19/09/2017  
Venue : Room No 402,403,424,425  
Department : Computer Science  
Name of the Agency involved : XSSEDITEM  
Number of participants: 198

The session was about the VLSI & and what are the important skills followed in VLSI. Industries at different Scales constitute the various parts of an Economy. On the other hand, small enterprises affect the Economy at ground level where individual businessmen succeed. Small-Scale Industries are so small that they are not famous. However, it also contributes to the nation's prosperity. Based on the Scale, Industries are Classified not just into Large-Scale and small-Scale Industries, but there are other Industries and public enterprises, multinational organizations as well. A large amount of revenue is generated from the IT industry - thus, the IT industry also comes under the large-scale industrial niche. All these industries have produced a bulk amount of job opportunities for millions of citizens across the globe. We propose aggregate computing, a new approach for the development of large-scale, emerging pervasive computing systems. It considers as reference computing "machine" the overall "Superorganism of Wearables". Functional programming takes a different approach: use only a few highly optimized data structures such as map, set and lists. Also focus on code size, parallelizing, code reuse & legacy code, structuring code & architecture level & OOPs languages.

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Sl. No	Register No	Name
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2	16-S208002	ABIRAMI.S
3	16-S208003	ADITHI.H.K
4	16-S208004	DEEPIKA.S
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22	16-S208023	NIVETHA.M
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24	16-S208025	PAVITHRA.S
25	16-S208026	POOJA.N
26	16-S208027	PRIYANKA.S
27	16-S208028	RAMADEVI.R
28	16-S208029	RAMYA.S
29	16-S208031	RANJITHA.M
30	16-S208032	RAVEENA.G

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32	16-S208034	SANGEETHA.K
33	16-S208035	SARANYA.S
34	16-S208036	SHALANI.M.S
35	16-S208037	SHALINI.K
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57	16-S208059	GAYATHRI D
58	16-S208060	HARIPRIYA N
59	16-S208061	HARITHA K
60	16-S208062	HARRISHMA M M
61	16-S208063	HEMAMALINI D
62	16-S208064	HEMAPRIYA R
63	16-S208065	JANANI P

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65	16-S208067	JASMINE J
66	16-S208068	JEEVITHA K
67	16-S208069	KANISHKA G
68	16-S208070	KEERTHANA K
69	16-S208071	KIRUTHIKA R
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73	16-S208075	MANASAH M
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88	16-S208090	SHAHANA BEGUM M
89	16-S208091	SHALINI G
90	16-S208092	SIPHRON SWAPNA M
91	16-S208093	UMAMAHESWARI S
92	16-S208094	VISHALINI K
93	16-S208095	YAZHINI A
94	16-S208096	SHALINI K
95	16-S208097	APARNNA R KRISHNAN
96	16-S208098	DEEPIKA S

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98	16-S208100	SANGEETHA U
99	16-S208101	SHEEBA.J
100	15-S208001	ABINAYA S
101	15-S208002	ADHIRA M A
102	15-S208003	AISHWARYA A
103	15-S208004	AISHWARYA R
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123	15-S208024	MADHUBALA J
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125	15-S208026	NIVETHA S
126	15-S208027	PAVITHRA R
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128	15-S208029	PREETHA M
129	15-S208030	PRIYADHARSHINI D

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131	15-S208032	RENUKA G
132	15-S208033	SARANYA L
133	15-S208034	SARASWATHY R
134	15-S208035	SOWMYA C
135	15-S208036	SOWNDHARYA BHARATHY
136	15-S208037	SUBASREE N
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159	15-S208060	DIVYA V
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162	15-S208063	KEERTHANA MUTHULAKSHMI S

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163	15-S208064	KEERTHANA R
164	15-S208065	MABROOKA A M
165	15-S208066	MEENA V
166	15-S208067	MEGHA V
167	15-S208068	MONISHA A
168	15-S208069	MUTHU LAKSHMI P
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173	15-S208074	PRIA P
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187	15-S208088	THILAGAVATHY L
188	15-S208089	UMA MAHESHWARI U
189	15-S208090	VALLIKKANNU S M S
190	15-S208091	VARSHINI B
191	15-S208092	VIDHYA R
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195	15-S208096	KEERTHANA M



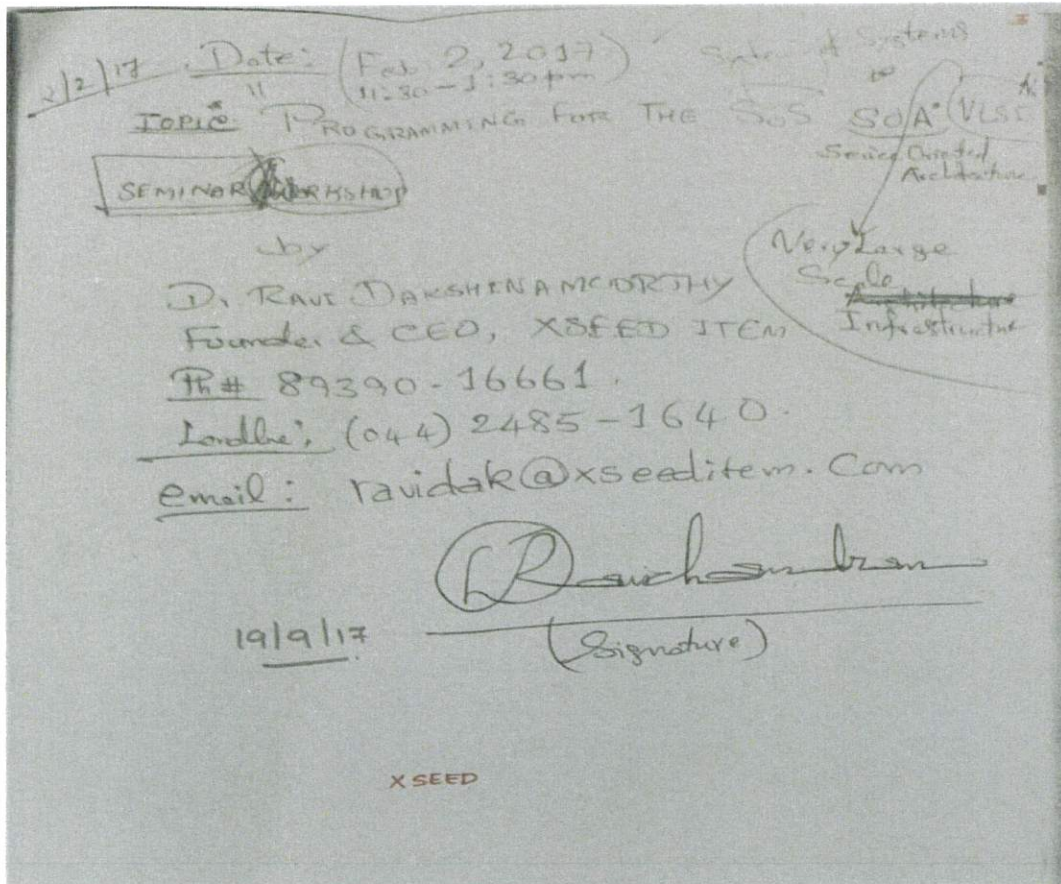
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196	15-S208097	KUMARI SHAILAJHA K L
197	15-S208098	MONIKA S
198	15-S208099	VARSHA RAMESH



**FEEDBACK**

*S. Kothari*

Principal

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## **WORKSHOP ON HADOOP AND PYTHON**

Date : 11/02/2018 & 12/02/2018

Venue : Main Auditorium

Department : Computer Science

Name of the Agency involved: CIRF

Number of participants: 297

The CEO of the Academy CIRF Ms Doreen Robin addressed the students by conducting two days seminar cum workshop in the main auditorium. She conducted the Hands-On session on the HADOOP & PYTHON. Students were participating with enthusiasm. HADOOP is the software most used by data analysts to handle big data, and its market size continues to grow. There are three components of Hadoop: Hadoop HDFS - Hadoop Distributed File System (HDFS) is the storage unit. Four modules comprise the primary Hadoop framework and work collectively to form the Hadoop ecosystem: Hadoop Distributed File System (HDFS): As the primary component of the Hadoop ecosystem, HDFS is a distributed file system that provides high-throughput access to application data with no need for schemas to be defined up front. Hadoop framework is made up of the following modules: Hadoop MapReduce- a MapReduce programming model for handling and processing large data. Hadoop Distributed File System- distributed files in clusters among nodes. Hadoop YARN- a platform which manages computing resources. Python is a widely used general-purpose, high-level programming language. Python allows programming in Object-Oriented and Procedural paradigms. Python programs generally are smaller than other programming languages like Java. Python has a simple syntax similar to the English language. Python has syntax that allows developers to write programs with fewer lines than some other programming languages. Python runs on an interpreter system, meaning that code can be executed as soon as it is written.

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31	16-S208033	SANDHIYA.S
32	16-S208034	SANGEETHA.K
33	16-S208035	SARANYA.S

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64	16-S208066	JANANI S
65	16-S208067	JASMINE J
66	16-S208068	JEEVITHA K
67	16-S208069	KANISHKA G
68	16-S208070	KEERTHANA K

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137	15-S208038	SUPRIYA A
138	15-S208039	VIDHYA S

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140	15-S208041	AKSHAYA T P
141	15-S208042	SUBHA SOWBARNIKA R
142	15-S208043	VISALATCHI S M
143	15-S208044	ABARNA D
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172	15-S208073	POOJA S
173	15-S208074	PRIA P

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175	15-S208076	RAKSHANA M
176	15-S208077	RAMYA S
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185	15-S208086	SWATHI R
186	15-S208087	SWETHA N
187	15-S208088	THILAGAVATHY L
188	15-S208089	UMA MAHESHWARI U
189	15-S208090	VALLIKKANNU S M S
190	15-S208091	VARSHINI B
191	15-S208092	VIDHYA R
192	15-S208093	SANGEETHA S
193	15-S208094	SNEHA M H
194	15-S208095	AKSHITA R
195	15-S208096	KEERTHANA M
196	15-S208097	KUMARI SHAILAJHA K L
197	15-S208098	MONIKA S
198	15-S208099	VARSHA RAMESH
199	1713321058001	AISHWARYA D
200	1713321058002	ALAGAMMAI B
201	1713321058003	ANITHA M
202	1713321058004	CHITRADEVI M
203	1713321058005	GAYATHRI R
204	1713321058006	GETSY E
205	1713321058007	GNANA SOUNDARIYA Y
206	1713321058008	INDUJA P
207	1713321058009	ISWARIYA R
208	1713321058010	JANNATHUL FIRDHOUS J



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209	1713321058011	KAAVIYAPPRIYA S
210	1713321058012	LAVANYA S
211	1713321058013	MADHUMATHI G
212	1713321058014	MADUMITHA G
213	1713321058015	MONISHA
214	1713321058016	MOUNMI H
215	1713321058017	NOORUL MALIKA K
216	1713321058018	PAVITHRA S
217	1713321058019	PAVYA R
218	1713321058020	PONMALAR S
219	1713321058021	PRIYADHARSHINI S
220	1713321058022	RAMYA E
221	1713321058023	RANJINI M
222	1713321058024	REETHIKA H
223	1713321058025	RESHMA B
224	1713321058026	ROSENI D
225	1713321058027	SANTHOSHINI S
226	1713321058028	SARANYA M
227	1713321058029	SHERLY N
228	1713321058030	SINDHUJAH R
229	1713321058031	SOWMIYA K
230	1713321058032	SRIVIDYA M
231	1713321058033	SWETHA V
232	1713321058034	TAMIZH ELAKKIYA P
233	1713321058035	YAMINI R
234	1713321058036	YASMINE SHEEBA B
235	1713321058037	YUVASHREE M
236	1713321058038	MADHUMITHA P
237	1713321058039	PAYAL SHARMA K
238	1713321058040	PRATHIBA H
239	1713321058041	DEEPSHEKA C
240	1713321058042	HARINI P
241	1713321058043	JEEVITHA P
242	1713321058044	KERUTHIKA S
243	1713321058045	MASEEYA G

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244	1713321058046	RAMA DEVI B
245	1713321058047	SAI SWETHA H
246	1713321058048	SRINI V
247	1713321058049	TEJASWI A
248	1713321058050	YANUKSHI S
249	1713321058051	AISHWARYA N
250	1713321058052	AKILANDESHWARI C J
251	1713321058053	AKSHARA G
252	1713321058054	AKSHAYA R
253	1713321058055	ASWINI S
254	1713321058056	BHAVANI C
255	1713321058057	GAYATHRI P
256	1713321058058	HARINI V
257	1713321058059	HARISHKA S
258	1713321058060	HEMALATHA T
259	1713321058061	HINTHUMATHI V
260	1713321058062	JAYAPRIYA S
261	1713321058063	JAYASREE D
262	1713321058064	JESINTHA M
263	1713321058065	JOY JOANNA S
264	1713321058066	KAVIYA G
265	1713321058067	KOUSALYA R
266	1713321058068	MOHANA PRIYA C
267	1713321058069	NIVEDHA G
268	1713321058070	NOORUL SAFRIN A
269	1713321058071	PACKIA LAKSHMI S M H
270	1713321058072	PAVITHRA R
271	1713321058073	POOJA G
272	1713321058074	POORNIMA M
273	1713321058075	PREETHI BALA E
274	1713321058076	PRIYADHARSHINI V
275	1713321058077	PUSHPA S
276	1713321058078	SANGEETHA E
277	1713321058079	SANJANA R
278	1713321058080	SANTHIYA K V

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279	1713321058081	SHAFIKA BANU R
280	1713321058082	SHAJITHA BEGUM A
281	1713321058083	SHALINI S
282	1713321058084	SHANMATHI V
283	1713321058085	SOUNDARYA L M
284	1713321058086	SOUNDRIYA VV
285	1713321058087	SOWNDARYA E
286	1713321058088	SWATHI P
287	1713321058089	VISHNU PRIYA T
288	1713321058090	YESWINI R
289	1713321058091	AHNUSHRI J
290	1713321058092	MISBAAH K
291	1713321058093	NIVITHRA R
292	1713321058094	AAMEENA ROSHAN BANU M
293	1713321058095	AISHWARYA S
294	1713321058096	DIVYA D
295	1713321058097	ISVARYA LAXMI M
296	1713321058098	JOTHIKA R
297	1713321058099	KEERTHANA S

## THE SPEAKER



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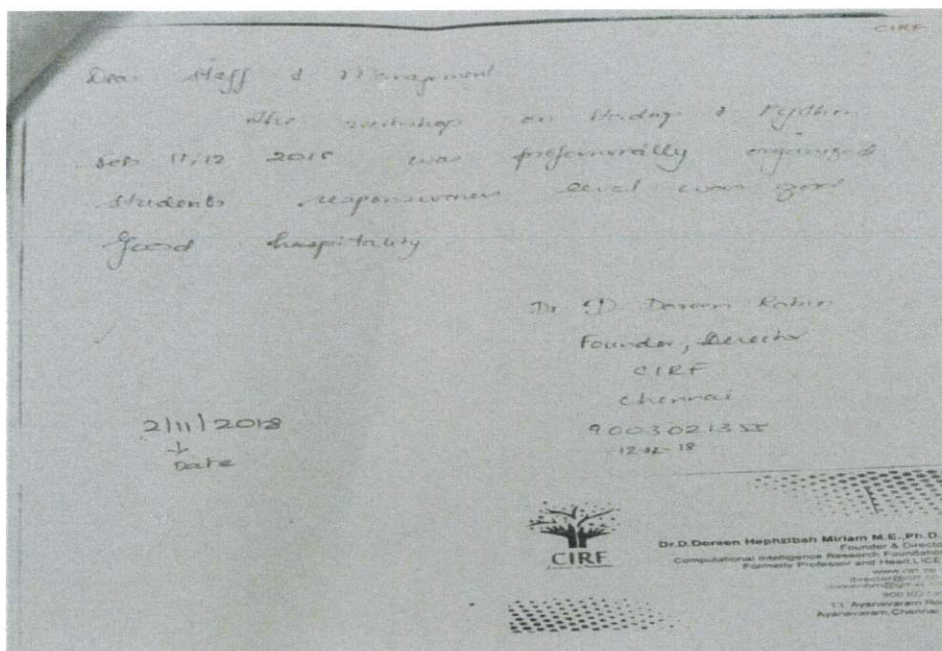
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**STUDENTS LISTENING INTENTLY**



**FEEDBACK FROM THE SPEAKER**

*S. Kothari*

Principal

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## **DEPARTMENT OF MICROBIOLOGY**

### **National conference on “Trends and Innovations in Biological Sciences”**

#### **Report of the Event:**

**14.02.2018 -Dr.S.Ponmariappan**, Scientist ‘E’ and Deputy Director, DRDO, Ministry of Defence, Gwalior– “power generation using fecal waste”.

**14.02.2018 -National conference on “Trends and Innovations in Biological Sciences”**  
**Dr.L.Uma** Director, National Facility for Marine Cyanobacteria, (NFMC) Tiruchirapalli spoke on cyanobacterial research undertaken in Antarctica

**14.02.2018 -National conference on “Trends and Innovations in Biological Sciences”**  
**Dr.T.Sundararaj**, Professor and Head(Retd.), Dr.A.L.M.P.G.I.B.M.S, University of Madras, Chennai & Director, Jasmine Laboratories, Chennai- Emerging and Reemerging Infections- Can we Report?



**Dr.T.Sundararaj on Emerging and reemerging diseases**

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**14.02.2018 -National conference on “Trends and Innovations in Biological Sciences”**

**Dr.Mahesh**, Project Cost Engineer, Royal Dutch Shell, Bangalore,- Opportunities in Food Industry.



**14.02.2018 -National conference on “Trends and Innovations in Biological Sciences”**

**Dr.P.U.Mahalingam**, Professor, Department of Biology, Gandhigram Rural Institute, Gandhigram- Microbial Consortium Technology for Bioremediation



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**14.02.2018 -National conference on “Trends and Innovations in Biological Sciences”**

**Dr.S.Sasikala**, Associate Professor and Head, Department of Microbiology and Biotechnology, Presidency College, Chennai- Molecular diagnostics in bacteriology.



**Dr. Sasikala On Molecular Diagnostics**

**15.02.2018- National conference on “Trends and Innovations in Biological Sciences”**

**Dr. Joseph C. Daniel**, Associate Professor and Head, Department of Microbiology, St.Joseph College, Cuddalore, Thiruvalluvar University,- human Microbiome- complex Ecosystem.

**15.02.2018- National conference on “Trends and Innovations in Biological Sciences”**

**National conference on “Trends and Innovations in Biological Sciences”Mrs.SitaKalyaniBudharaju**, Head, Department of Applied Sciences, Dantuluri Narayana Raju College, Bhimavaram, Andhra Pradesh,- Review on Antibiotics producing Actinomycetes Research.

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**15.02.2018- National conference on “Trends and Innovations in Biological Sciences”**Dr.S.V.Ramesh, Scientist (Biotechnology), Central Plantation Crops Research Institute, Kasaragod, Kerala- Genetic Modifications for better crops.

**15.02.2018-National conference on “Trends and Innovations in Biological Sciences”**Dr.Daniel Alex Anand, Associate Professor, Department of Bioinformatics, Sathyabama University, Chennai. – Systems Medicine.

*S. Kothari*

Principal

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