INFOOUEST

- A TECHNICAL MAGAZINE





Department

of

Information Technology

Dr . Mahalingam college of Engineering and Technology NPT-MCET campus, Udumalai road,Pollachi-642003 Coimbatore-District , Tamilnadu,India

Volume 15 Issue 2 June 2022

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1.STUDENT ACTIVITIES

2. FACULTY ACTIVITIES

3.INFOBEE ASSOCIATION

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AND PLACEMENT

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Editorial Team

FACULTY

A.P.Janani, Asso. prof/IT K.Renuka Devi, AP/IT

STUDENTS

PRoobika(20BIT019)

M Jothiprakash(20BIT008)

R Kavin Kumar(20BIT082)

M JA Kumaran(21BIT314)

E Srinithi(21BIT095)

S Abinaya Akshitha (21BIT059)

Department of Information Technology

Vision

To become a Centre of Excellence in education and research in the field of Information Technology, to meet global challenges in computing industries.

Mission

To impart world-class knowledge in the field of Information Technology.

To support and facilitate research and development activities.

To promote industry-institute interactions to empower the faculty members and students.

To develop all round personality by inculcating the values and skills needed for students to upgrade themselves as IT professionals.

Programme Educational Objectives (PEOs)

The graduates will:

PEO1. Technical Expertise: Have high level of technical competency to identify problems and to generate innovative solutions, which would conform to the needs of IT industry.

PEO2. Lifelong Learning: Successfully adapt to changes in roles and responsibilities, through lifelong learning, for collaborating professionally with various stakeholders.

PEO3. Ethical Knowledge: Ethically apply their computing knowledge and skills considering societal, economic and environmental factors.

Programme Outcomes (POs)

The graduates of Information Technology Programme will be able to:

- PO 1. Engineering knowledge: Apply knowledge of mathematics, science, engineering fundamentals and an engineering specialization in the field of Information Technology.
- PO 2. Problem analysis: Identify, formulate, analyze and solve complex problems in computing industries using principles of mathematics, natural sciences and engineering sciences.
- PO 3. Design/development of solutions: Design a software solution for complex engineering problems and design system processes to meet specific needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
- PO 4. Conduct investigations of complex problems: Conduct investigations of complex problems including design of experiments, analysis and interpretation of data, and synthesis of information to provide valid conclusion.
- PO 5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
- PO 6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- PO 7. Environment and sustainability: Understanding the impact of engineering solutions in social environment and exhibit the knowledge for sustainable expansion.
- PO 8. Ethics: Realize and bind to professional ethics and the norms of engineering practices.

Programme Outcomes (POs)

The graduates of Information Technology Programme will be able to:

PO 9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.

PO 10. Communication: Communicate with engineers and society to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions related to IT Professionals.

PO 11. Project management and finance: Demonstrate and apply the knowledge of engineering and management principles to one's own work, as a team leader or a member to manage project in multidisciplinary environments.

PO 12. Life-long learning: Recognize the need for, and have the ability to engage in independent and life-long learning in the context of technological change.

Programme Specific Outcomes

PSO 1. Open Source Software: Able to develop customized solutions for real world problems using open source software.

PSO 2. Data Science: Able to manage, store, retrieve and analyze the voluminous data efficiently.



1. Participation in Seminar/Workshop/liaining etc.,

2 Extra-Curricular/Co-curricular Activities

S.no	Student's Details	Year and Departmen t	Title of Paper Presentation
1	PRIYADHARSHINI S 20BIT051		
2	MADHUMITA S 20BIT037		Blue eye technology
3	PROMODINI L 20BOIT057		
4	FATHIMA S 20BIT073	II-IT-A	
5	NIRANJANA R 20BIT087		
6	MAYURIKA R G 20BIT027		Al in Education and
7	V RITHANYA PRIYA DHARSHINI 20BIT069		Al in Medicine
8	NITHESH S J 20BIT011		Machine Learning in
9	DEEPAK S 20BIT021		Social Networks
10	TAMILARASU 21BIT301	II-IT-B	Email Attacks

Paper Presentation



8/4/2022



Participation of Intra collegiate Competition

s.no	Student's name	Branch and Department	Details of event and prize	Organizer and place of program	date
1	LAKSHANA G S 20BIT066	II IT B	Group discussion 1st prize	Kongu Engineering College,Erode	07/04/2022
2	KEERTHIKAA K 21BIT305	II IT A	Poster Presentation 3 rd prize	Karpagam College of Engineering, Coimbatore	08/04/2022

Participation in Seminar

Workshop on Cyber Security(participated)-9/4/2022

s.no	Student name	Branch and Department
1	TAMILARASU 21BIT301	II IT B
		371 451





s.no	Student's Name	Branch and Department
1	RUBASREE S 20BIT053	II IT A
2	ARCHUTHAN T A 20BIT043	II IT A
3	YOGESHWAR S 20BIT047	II IT A
4	GOKULRAJ M 20BIT041	II IT A
5	ROSHAN KARTHICK T 20BIT039	II IT A
6	RAGUL KARUPPIAH V 20BIT049	II IT A
7	LOKESH KANNA S 20BIT075	II IT A
8	DEVADHARSHINI S K 20BIT013	II IT A
9	FATHIMA S 20BIT073	II IT A
10	YAZHINI M 20BIT065	II IT A



Date - 29/4/2022



-						
s.no	Student's name	Branch and Departmen t				
11	SHARANESH KRISHNAN R 20BIT061	II IT A				
12	DIGANTH D 20BIT081	II IT A				
13	BALA KRISHNAN S 21BIT303	II IT A				
14	ROOBIKA P 20BIT019	II IT A				
15	MURALIDHARAN M 20BIT001	II IT A				
16	VAISHAG S MENON 20BIT071	II IT A				
17	VIJAYVISWA M 20BIT029	II IT A				
18	NIRANJANA R 20BIT087	II IT A				
19	SARAN ADITHYA S 20BIT091	II IT A				
20	NITHISHKUMAR K 20BIT023	II IT A				



Date - 29/4/2022



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s.no	Student's name	Branch and Departmen t
21	CHANDRU S 20BIT093	II IT A
22	SANJEEVI K 20BIT083	II IT A
23	VIJAYARAGAVAN KTS 20BIT003	II IT A
24	DEEPAK A 20BIT031	II IT A
25	HAMISH K 20BIT062	II IT A
26	SANTHOSH S 20BIT068	II IT A
27	VARSHAA S R 20BIT016	II IT B
28	ACSHAYA V 20BIT060	II IT B
29	SHIVANESH RAJA S 20BIT004	II IT B
30	YASHWANTH A K 20BIT048	II IT B



Date - 29/4/2022



s.no	Student's name	Branch and Department	s.no	Student's name	Branch and Department
31	KANAGAPANDI M 20BIT058	II IT B	41	Siva Subramaniam S 21bit307	II IT B
32	SANTHAKUMAR J S 20BIT050	II IT B	42	SANJAY S 20BIT054	II IT B
33	SUJITH R 20BIT040	II IT B	43	KAMATCHI RAJA B 20BIT032	II IT B
34	SENTHIL R 20BIT038	II IT B	44	SALVIN S ROBERT 20BIT056	II IT B
35	21BIT311 VIGNESH M	II IT B	45	YUVANVENKATESH G 20BIT030	II IT B
36	NITHISH MUGILAN 21BIT309	II IT B	46	SUBIKSHA R S 18BIT099	II IT B
37	21BIT316 KABILRAJ M	II IT B	47	YUVARAAJ E 19BIT045	II IT B
38	SREENITHI S I 20BIT028	II IT B	48	RAMPRASATH S U 19BIT023	II IT B
39	KAVIDHARSHINI A 20BIT020	II IT B	49	YAMUNA DEVI V 19BIT019	II IT B
40	SASEENTHARAN P 20BIT024	II IT B	50	MOHAN PRASATH U 19BIT095	II IT B



Date - 29/4/2022

s.no	Student's name	Branch and Department
51	MOHAN PRASATH U 19BIT095	III IT A
52	MOHAMMED SHAHEER A 19BIT079	III IT A
53	YAMUNA DEVI 19BIT019	III IT A
54	CHETHAN KUMAR C 19BIT057	III IT A
55	VASANTHABALAN 19BIT051	III IT A
56	YUVARAJ E 19BIT045	III IT A
57	RAMACHANDRAN S 20BIT302	III IT A
58	MANOJ KUMAR M 20BIT308	III IT A
59	VARUN KARTHICK 20BIT306	III IT A
60	ABDUL MUQSID 19BIT058	III IT B
61	ASHWIN B 19BIT010	III IT B



Date - 29/4/2022



s.no	Student's name	Branch and Department
62	SNEHA E 19BIT044	III IT B
63	LOGITH N 19BIT038	III IT B
64	VARUN VIKASH K 19BIT028	III IT B



Date - 29/4/2022



Participation of Intra collegiate Competition ONLINE QUIZ ON CYBER BULLYING

INFORMATION SECURITY EDUCATION AWARENESS

DATE:19/5/2022

s.no	Student's Name	Branch and Department	s.No	Student's Name	Brand and Department
1	Promodini L 20BIT057	IIITA	9	Kamatchi Raja B 20BIT032	II IT B
2	Madhumita S 20BIT03	II IT A	10	Madhumitha P 20BIT018	II IT B
3	Sharanesh Krishnan R 20BIT061	II IT A	11	Vikashini P 20BIT014	II IT B
4	Yazhini M 20BIT065	II IT A	12	Sowmiya T 20BIT006	II IT B
5	Jothiprakash M 20BIT008	II IT B	13	Sreenithi S I 20BIT028	II IT B
6	Arungarai Selvan E 20BIT072	II IT B	14	Acshaya 20BIT060	II IT B
7	Kumaran 20BIT314	II IT B	15	Varshaa S R 20BIT016	II IT B
8	Siva Subramanium 20BIT307	II IT B			

Participation of Intra collegiate Competition

QUIZTRAC

s.no	Student's Name	Branch and Department
1	Sangeeth A 20BIT064	II IT B
2	Arungarai Selvan E 20BIT072	II IT B



Participation in Workshop

Workshop On Flutter

s.no	Student's Name	Branch and Department
1	Nithesh S J 20BIT011	II IT A
2	Gurunanthan Ra 20BIT090	II IT B
3	Yashwanth A K 20BIT048	II IT B

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Continuing Education Programs / Faculty Development Programmes / Conferences / Seminars / Workshops/ Short Term Training Courses etc. organized at MCET

NATIONAL LEVEL **ONLINE WORKSHOP ORGANIZED ON** 27.05.2022 & 28.05.2022

☐ Title: "Adoption of Block Chain Technology in IOT **Applications**" ☐ Resource person: Mr.Archit Verma, Freelancer-Trainer, Developer, Delhi Mr.Pradeepkumar K, Chief Design Engineer, **Arrow Electronics, Bangalore** □ Conducted by Dr.S.Ramakrishnan, Prof. and Head Dr.A.S.Muthanantha Murugavel, Asso. Prof. Dr.A.B.Arockia Christopher, Asso. Prof.,

Dr.P.Sathiyamurthi,AP(SG)

Continuing Education Programs / Faculty Development Programmes / Conferences / Seminars / Workshops/ Short Term Training Courses etc. organized at MCET

WORKSHOP **ORGANIZED** AT MCET ON 29.04.2022

☐ **Title:** "Skill Up with Python" **☐** Resource person: Mr.Kalaivanan Eswaramoorthy, Automation Lead, IBM India Pvt Ltd, Chennai □ Conducted by Dr.S.Ramakrishnan, Prof. and Head Dr.A.P.Janani, Associate Professor Ms.T.Sumathi,AP

Ms.G.Anandhi,AP

Continuing Education Programs / Faculty Development Programmes / Conferences / Seminars / Workshops/ Short Term Training Courses etc. organized at MCET

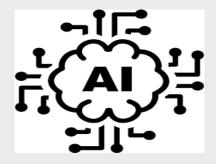
SHORT TERM TRAINING COUSE (OCC) ORGANIZED ON 09.04.2022

☐ **Tite:** Hands-on Training in "Android Programming" **□** Resource person: Ms.S.J.Brintha Associate, CTS, Chennai. □ Conducted by Dr.S.Ramakrishnan, Prof. and Head Mr.K.Kanagasabapthi, AP Ms.K.Renukadevi,AP Mr.R.Govindaraj, AP ☐ **Title:** Hands-on Training in "Web Scripting languages" ☐ Resource person: Mr. N.Arunkumar, Technology Analyst Infosys, Chennai. □ Conducted by Dr.S.Ramakrishnan Prof. and Head Mr.K.Kanagasabapthi, AP Ms.P.M.Pavithra, AP

Participation in Seminar / Conference / Workshop / Training etc. by MCETStaff

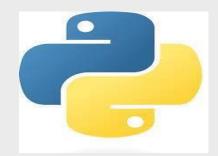
- ➤ Mr.C. Nandha Kumar, AP/IT participated in Five Days online faculty training program on recent trends in cyber security organized by Anna University, Chennai on 13.06.2022 to 17.06.2022
- ➤ Ms. K. S. Sudhishna, AP/IT participated in FEP on Artificial Intelligence organized by Infosys Pvt. Ltd., on 06.06.2022 to 10.06.2022
- ➤ Ms. P. Kalaivani, AP / IT participated in FEP on Python Programming organized by Infosys Pvt. Ltd., on 13.06.2022 to 17.06.2022
- Ms. K. Saranya, AP/IT participated in FEP on Angular Framework Java Programming organized by Infosys Pvt. Ltd., on 20.06.2022 to 24.06.2022

- ➤ Ms. P. Rajeswari, AP/IT participated in FEP on Angular organized by Infosys Pvt. Ltd., on 27.06.2022 to 01.07.2022
- ➤ Ms. P. Rajeswari, AP and Ms.P.Kalaivani, AP participated in One day Workshop on Flutter organized by MCA Lab, MCET, Pollachi on 28.05.2022
- Ms.G.Saranya, AP, Ms. K. S. Sudhishna, AP and Ms.P.Kalaivani, AP participated in FDP on Linux & C Programming organized by VVDN Technologies Pvt. Ltd., on 28.04.2022 and 29.04.2022









Professional Society / Department Association / Guest Lecturesorganized:

ASSOCIATION

VALEDICTION AND

SEMINAR

ORGANIZED ON

07.06.2022

- ☐ **Title:** "Demanding tech skills to learn"
- **☐** Resource person:

Bhavadharani Muthusamy - Test Analyst, TCS, Chennai

□ Conducted by

Dr.J.Ramprasath,AP

Mr.N.Praveen Sundra Kumar, AP

Ms. A. G. Priya Varshini, AP

WORKSHOP
ORGANIZED
AT MCET

ON

07.05.2022

☐ **Title:** "Cyber Security"

☐ Resource person:

Mr.J.Subash, CEO and Founder Boredmonk, Coimbatore

□ Conducted by

Dr.S.Ramakrishnan, Prof. and Head

Dr.J.Ramprasath, AP

Mr.N.Praveen Sundra Kumar, AP

Ms. A. G. Priya Varshini, AP

"LOGICAL QUIZ" CONDUCTED BY
INFOBEE IT TECHNICAL ASSOCIATION
FOR II IT STUDENTS

□ Conducted by

Dr.J.Ramprasath, AP

Mr.N.Praveen Sundra Kumar, AP

Ms. A. G. Priya Varshini, AP

☐ EVENT HELD ON: 11.05.2022

□ Conducted by

Dr.S.Ramakrishnan, Prof. and Head

Dr.J.Ramprasath, AP

Mr.N.Praveen Sundra Kumar, AP

Ms. A. G. Priya Varshini, AP

☐ EVENT HELD ON: 16.05.2022

"THANKS GIVING EVENT TO IV YEAR
STUDENTS (2018-2022) BATCH"
CONDUCTED BY INFOBEE IT TECHNICAL
ASSOCIATION.

ALUMNI INTERACTION ON "CAREER ORIENTATION" BY MR.SAIRAM (BATCH:2015-2019), SENIOR ASSOCIATE,
ZOHO CORPORATION AND MR.LAKSHMAN (BATCH:2015-2019) SENIOR ASSOCIATE, ZOHO CORPORATION
ORGANIZED ON 30.04.2022

SENIOR INTERACTION ON SOLITON PLACEMENT EXPERIENCE BY MS.S.PRIYANKA ALIAS UNNAMALAI (19BIT002) AND

MR.MANUDEV.R (19BIT014) PRE FINAL YEAR STUDENTS

ORGANIZED ON 06.04.2022

□ Conducted by

Dr.J.Ramprasath, AP, Mr.N.Praveen Sundra Kumar, AP and Ms. A. G. Priya Varshini, AP

EXPERT INTERACTION ON "CAREER ORIENTATION" BY MR.P.SUDHARSAN,INFO TECHNOLOGY SENIOR ASSOCIATE, NTT DATA, CHENNAI ORGANIZED ON 16.04.2022

□ Conducted by

Dr.S.Ramakrishnan, Prof. and Head, Dr.J.Ramprasath, AP, Mr.N.Praveen Sundra Kumar, AP,

Ms. A. G. Priya Varshini, AP, Ms.G.Anandhi, AP

International Conference on Data & Information Sciences (ICDIS-22)

- Ramprasath J, Ramakrishnan S, Tharani V, Arunima D, Sushmitha R, "Cloud Service Anomaly Traffic Detection Using Random Forest", Raja Balwant Singh Engineering Technical Campus, June 2022
- ➤ Ponni alias Sathya S, Ramakrishnan, N. Naraayani, Sarnika K, Akshaya P, "Digital watermarking for medical authenticity", Raja Balwant Singh Engineering Technical Campus, June 2022
- ➤ Janani D, Vijaykumar V R, Ramakrishnan S, Akil Akthar S, Sudharsan.S, Sangamesh waran S, "Expert system for diagnosis of chronic kidney disease prediction using fuzzy logic with feature selection", Raja Balwant Singh Engineering Technical Campus, June 2022
- ➤ Soundariya S, Manisekaran, Ramakrishnan S, M Mohammed Yaseen, A G Ranjith, M Akilan, "Friend recommendation system using Image Encryption and deep learning, PPG Institute of Technology",June 2022
- ➤ Priya Varshini A G, Anithakumari, V. S. Bhalavaishnavi, C. Kalpana Devi, S.Pranesh, "Machine learning Approach for software effort estimation using combination of Principal component Regression and Neural Network", PPG Institute of Technology, June 2022
- ➤ N.Praveen sundra kumar, Deepa R, Nikhil GS, Vikram R, "Improving Security in Cloud Data Using Paillier Homomorphic Encryption System", Raja Balwant Singh Engineering Technical Campus, Bichpuri, Agra, Uttar Pradesh, INDIA,June 2022

Papers Presented in International Conference / Seminar / Symposium / Workshop+

INTERNATIONAL CONFERENCE ON COMPUTATIONAL ENGINEERING AND NETWORKING ON 28.05.2020 & 29.05.2022

- ✓ Title:
 - " Medicine Remainder Application Using Android Studio"
- **✓** Presented by

Jayaram M,
Manoj Kumar NR,
Vishnu kirthick R,
Arockia Christopher A B, Asso. Prof.

- ✓ Title:
 - "Machine Learning in Cardiovascular Disease Prediction"
- **✓** Presented by

Ranjith Kumar. S Kishore Kumar.S Anandhi. G, AP 2ND INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING AND COMMUNICATION ON 19.05.2022& 20.05.2022

TOOTILL 100 - INTERNATIONAL CONFERENCE ON COMPUTING SCIENCES- ICCS ON 22.04.2022 & 24.04.2022

✓ Title:

"Optimal Plant Leaf Disease Detection using SVM classifier with Fuzzy system"

✓ Presented by

Ponni Alias Sathya S

Ramakrishnan S

Shafreen M.I

Harshini R

Malini P

PAPER PUBLISHED IN

INTERNATIONAL

JOURNALS ON JUNE

2022

✓ Title:

"Detecting wireless Steganography with wavelet analysis"

✓ Presented by

Rajeshwari P

Ben Darius J

Imran Khan I

Paranjothi V

Papers Presented in International Conference / Seminar / Symposium / Workshop+

BOOKS / MONOGRAPHS

PUBLISHED ON

MAY 2022

✓ Publisher name:

IGI Global

✓ Title of the book:

"Mathematical Modeling for Smart Healthcare Systems"

✓ Chapter name:

Securing Clinical Information Through Multimedia Watermarking Techniques

✓ Presented by

Ms.K.Renuka Devi, AP

Mr.K.Balasamy, AP, AI & DS,

Bannari Amman Institute of

Technology, Sathyamangalam

INFO BEE ASSOCIATION



Professional Society / Department Association / Guest Lectures organized

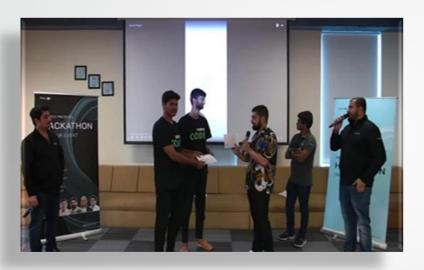
S.N O	CO-ORDINATOR/CO-COORDINATOR	DETAILS OF PROGRAM	DATE
1	DR.S.Ramakrishnan,HOD/IT	Assosiation Validiction and seminar conducted by Ms.Bhavadharani Muthusamy, Test analyst, TCS	7/6/22
2	Dr.S.Ramakrishnan,HOD/IT Dr.J.Ramprasath AP(SS) Mr.A.S.Priyavarshini AP(SS) Mr.Praveen Sundra Kumar Ms.K.Saranya, AP/IT	Online webinar on "cyber security" by Mr. Subash ,Boredmork, coimbatore	7/5/22



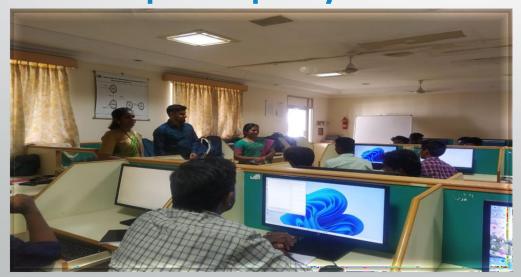


Glimpses of Association activities

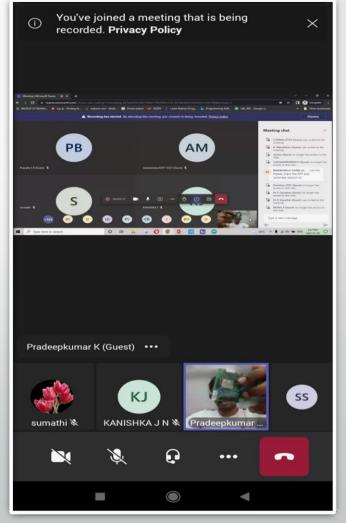
Hadathon 20



Warkshapon'Skill Upwith Python'



National Level Online Workshop on "Adoption of Block Chain Technology in IOTApplications"



Thanks giving Event to IV Year Students



Senior Interaction-Soliton Placement Experience



Logical Quiz for II year students



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Companies





















































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Placement Details

Batch	h 201	8 -2022
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S.No	No. of Students Placed upto Previous Month	Total No. of Students placed in each Company
1	Vuram Technology Solutions Pvt. Ltd.	2
2	VVDN Technologies Pvt. Ltd.	14
3	KAAR Technologies Pvt. Ltd.	1
4	Mphasis Corporate	13
5	FULL Creative's Pvt. Ltd.	1
6	Tringapps Research Labs Pvt. Ltd.	2
7	Gofrugal Technologies Pvt. Ltd.	7
8	TrakLabs	2
9	Codingmart Technologies Pvt. Ltd.	1



Placement Details



		m . IN CO. I
S.No	No. of Students Placed upto Previous Month	Total No. of Studen placed in each Company
10	Accenture Solutions Pvt. Ltd.	5
11	Capgemini Technology Services India Ltd.	5
12	GainInsights Solutions Pvt. Ltd.	2
13	Hexaware Technologies Pvt. Ltd.	1
14	Veryx Technologies Pvt. Ltd.	1
15	Audy Global Enterprises HVS Pvt. Ltd.	1
16	AARAA Pvt. Ltd.	1
17	Tectra Technologies India Pvt. Ltd.	1
18	Checktronix India Pvt. Ltd.	1
19	Cognizant Technology Solutions Pvt. Ltd.	22
20	Tata Consultancy Services Pvt. Ltd.	9
21	One Bill Software	1
22	Wipro Ltd.	8
23	Kanini Software Solutions Pvt. Ltd.	1
24	Mallow Technologies	1
25	Phi Code	1(Intern Cum Placement)
<i>26</i>	NTT Data	4
27	Vinsinfo Pvt. Ltd.	2
	Total	110

Placement Details



Batch 2019 -2023					
S.No	No. of Students Placed upto Previous Month	Name of the Company Visited in current month	Total No. of Students placed in each Company		
1.	Soliton Technologies Pvt. Ltd.		2		
2.	Vuram Technology Solutions Pvt. Ltd.		1		
3.	Virtusa Consulting Services Pvt. Ltd.		5		
4.	KAAR Technologies Pvt. Ltd.	2			
5.	Codingmart Technologies Pvt. Ltd.	1			
6.	ZOHO Corporation Pvt. Ltd.	8			
	Total		19		



SNAPSHOTS







KUMARAN 21BIT314





- LAKSHMIPATHIRAJ 21BJT302

