INDORE INSTITUTE OF SCIENCE & TECHNOLOGY

15 Years of Engineering a World of Change

Department of computer science and engineering

CSE NEWSLETTER
EVOLVE BETTER
ENHANCING EMPLOYABILITY QUOTIENT WITH HOLISTIC DEVELOPMENT
2018-19

VISION

To be a center of academic excellence in the field of computer science and engineering education.

MISSION

1. Strive for academic excellence in computer science and engineering through well designed course curriculum, effective classroom pedagogy and in-depth knowledge of Laboratory work

2. Transform under graduate engineering students into technically competent, socially responsible and ethical computer science and engineering professionals.

3. Create computing centres of excellence in leading areas of computer science and engineering to provide exposure to the students on latest software tools and computing technologies.

4. Incubate, apply and spread innovative ideas by collaborating with relevant industries and R&D labs through focused research group.

5. Attain these through continuous team work by group of committed faculty, transforming the computer science and engineering department as a leader in imparting computer science and engineering education and research .

ABOUT DEPARTMENT

The Department of Computer Science and Engineering was established in the year 2003 with B.E (CSE) with an intake of 60 students. The intake was increased to 90 students from the year 2004 and further to 120 from the year 2009. Department of CSE got NBA accreditation with effect from 2013. The department also conduct PG program M.E (CSE) from year 2009-10 with an intake of 18 students. There has been consistent development in all spheres including infrastructure, staff and student strength. The significant infra-structural design, well-equipped laboratories and hi-tech computers with high-speed internet facility with all qualified staff members ensure world class standard of education delivered from our department. Computer Science and Engineering is a dynamic and exciting area that provides excellent career opportunities in various sectors of the society. We are committed to give our students an environment where they develop critical thinking and problem-solving skills as they advance through the program.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

PEO 1:
To provide students with a solid foundation in mathematics, computer science and engineering, basic science fundamentals required to solve the computing problems.

PEO 2:
To expose students to latest computing technologies and software tools, so that they can comprehend, analyze, design and create innovative computing products and solutions for real life problems.

PEO 3:
To inculcate in students multi-disciplinary approach, professional attitude and ethics, communication and teamwork skills, and ability to relate computer engineering issues with social awareness.

PEO 4:
To develop professional skills in students that prepare them for immediate employment and for life long learning in advanced areas of computer science and related fields which enable them to be successful entrepre-

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Department of computer science and engineering

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SHORT TERM GOAL

* To enroll every student in one of the SIGs.
* To enroll every faculty for at least one MOOC/International Certification.
* To start at least one professional student chapter and organize events in collaboration with them.
* To enroll all faculties for professional memberships.
* To organize FDP in association with professional chapter/University.

LONG TERM GOAL

* To get funded projects from different funding agencies.
* To motivate students for working on projects to solve societal issues
* To motivate students for entrepreneurship
* To develop research culture amongst faculties and students
* To strengthen industry-institute interaction by signing MoU with renowned industries.
* To start Center-of-Excellence with renowned industry.
* To enroll college for pro-metric center
* Imparting professional and personal ethics amongst students.

STRENGTHS OF THE DEPARTMENT

* Highly Experienced and enthusiastic faculties
* Well established lab facilities with latest tools
* Well organized technical sessions under different SIGs
* Active student participation in curricular, co-curricular and extra-curricular activities
* Active use of MOOC/audio-video aids during teaching learning process

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Messages From

Principal's Message

Its high time that Engineering is emerging due to the advancements like IoT, Automation and Artificial Intelligence. The use of Technical tools and Software has made the task ease for Civil, Chemical and Mechanical Engineers. Industry 4.0 spurred the need for technically competent Engineers of the core branches to operate the factories remotely. Evolution of Smart Cities and increasing population has paved the way for Civil Engineers to come out with effective use of resource materials to manage the infrastructure. With AI being there around the corner for more than 50 years, there is only a buzz very recently. This is primarily because of the cost cutting measures that the companies wanted to incorporate in their day-to-day activities. The Robots and the software could very well manage the repeated tasks performed by different people in the near future. With the various digital initiatives of the Government of India like Smart City, Digital India, etc. India is leading the digital revolution at the global level. However, the quality of engineers needed to implement the same is of a great concern. The focus of engineering education should be more towards practical learning that enhances the skillset of the learners. This could be achieved only with a proper infrastructure and well-qualified faculties who can lead Innovation and Research. At IIST, we are delighted to offer the state of the art platform for engaging the students in doing real-time projects that can solve the societal issues. The custom designed training courses to be offered across the years would enhance the employability of the students and make them confident enough to accept the challenges of the 21st century.

Dr.V.R.Raghuveer
[Principal,IIST]

HOD's Message

In today's global era, one cannot imagine life without computer or Internet. Importance of computer is widely accepted as crucial part in modern day education too. Computer Science provides excellent e-learning platforms to everyone for solving problems, acquiring new knowledge and enhancing existing knowledge. On the other side, Internet brings World at your fingertips to help society globally. Degree of Computer Science helps one achieve analytical skills, critical-thinking skills, creativity, problem - solving skills etc. along with citing importance of ethics in personal and professional career to lead a happy and successful life.

With the availability of open source software from different contributors, anyone can use computer for wellbeing of society. Computer engineers can put their skills to solve global issues like unemployment, global warming, poverty, security, safety etc. Some websites provide excellent resources which helps computer engineer to create software to change lives of people and return favours of society. Jobs for computer engineer are not available only in IT industry but every field and Industry needs skilled computer engineers for solving their problems. Computer Science has number of different tracks to pursue like web development, data scientist, system programmer, software tester, database administrator to name a few. Technology changes so fast that it is impossible to master everything. So one needs to pick a field of interest and learn tools which are most useful in track of interest. It also needs an engineer to acquire sufficient skill of selected track.

Prof. Sonali Tidke
HOD & Associate Professor
Indore Institute of Science & Technology

Faculty Publications

2018-19

- Sonali Kothari (Tidke). (Feb 2019). Real Time Analysis of Android Applications by Calculating Risk Factor to Identify Botnet Attack. *Springer sponsored International Conference on Communications and Cyber Physical Engineering (ICCCE – 2019)- 2nd Edition*.

- Shubham Gupta, B. L. (Feb 2019). SRGH: A Secure and Robust Group-based Handover AKA Protocol for MTC in LTE-A network. *International Journal of Communication System Wiley*.

- Prachi Gupta, S. G. (March 2019). Computer based programming assistant tool for C-Programming beginners. *International journal of scientific research and review: volume 07, issue 03*.

- Kalyani Tiwari, M. B. (March 2019). Proposal of Smart mirror using Raspberry Pi . *International Journal of Emerging Technology and Advanced, ISO 9001:2008 Volume 9, Issue 3, March 2019*.

- Nitin Rathore, M. P. (Aug2018). Security In Data Storage On Cloud Environment Using Blowfish And Digital Signature. *International Journal of Research In Science & Engineering e-ISSN: 2394-8299, p-ISSN: 2394-8280, Volume: 4*.

- Nitin Rathore, M. P. (Nov2018). Smart Parking Based on IoT. *International Journal of Research In Science & Engineering e-ISSN: 2394-8299, p-ISSN: 2394-8280, Volume: 4*.

- Patel, M. (Sep 2018). Mind Education : A Review. *International Journal Of Recent Technology Science & Management Volume3 Issue 9 Sept 2018*.

- Rathore, N. (Dec 2018). Implementation of Single Sign-On Authentication for Multiple Clouds. *International Journal Of Research In Electronics And Computer Engineering: VOL. 6 Issue 4*.

- Shubham Gupta, B. L. (Oct 2018). A Proxy Signature based Efficient and Robust Handover AKA Protocol for LTE/LTE-A Networks. *Wireless Personal Communication Springer, vol. 103, no. 3, pp. 2317-2352*.

- Shubham Gupta, B. L. (Oct 2018). PSEH: A Provably Secure and Efficient Handover AKA Protocol in LTE/LTE-A Network. *Peer to Peer Network and Applications Springer*.

- Sonali Kothari (Tidke), D. P. (Aug 2018). Detection and Prevention of Android Malware thru Permission Analysis. *4th IEEE International Conference on Computing, Communication, Control and Automation (ICCUBEA-2018)*.

- Sonali Kothari (Tidke), D. P. (Sep 2018). Static Analysis of Android Permissions & SMS Using Machine Learning Algorithms. *International Journal of Computer Applications (IJCA)*.

- Veena Khandelwal, C. G. (Aug 2018). Bidding Strategies for Biding Amazon EC2 spot Instances- A Comprehensive Review. *4th IEEE International Conference on Computing, Communication, Control and Automation (ICCUBEA-2018)*.

Faculty Achievements

Dr. Raghuveer has been nominated to attend the three-day Capacty Building Program for the Principals of RGPV affiliated colleges at IIM-Indore between 26th – 28th October 2018

Congrats..!!!

Sr. No.	Name of Faculty	Particulars
1.	Ms.Sonali Kothari (Tidke)	♦ Working as reviewer for International Journal of Information Security and Privacy (IJISP) published by IGI Global.
2.	Dr.Veena Khamdelwal	♦ Awarded with AWS Cloud Practionier certificate awarded by Amazon Web Services in December 2018 ♦ NPTEL Elite Certificate on Machine Learning, Cloud Computing and Data Mining and Analysis using R during July 2018 to October 2018. ♦ Successfully defending her thesis.
3.	Ms.Poorva shukla	♦ Participated in Designing Learner-Centric MOOC (FDP702x) conducted by IIT Bombay in July 2018. ♦ Participated in Mentoring Educator in Educational Technology (FDP301x) conducted by IIT Bombay in April2018. ♦ MOOC Courses IITBombayX ♦ CS101.2x Object-Oriented Programming ♦ IITBombayX: CS101.1x Programming Basics.
4.	Ms.Akanksha.varghese	♦ Participated in Basic 3D animation using Blender,MOOC course by IIT Bombay in july 2018
5.	Ms.Shruti Jain	♦ Completed 23 hours of Deep learning A-ZTM Hands-on Artificial Neural Networks online course on June 2019
6.	Mr. Deepak Vishwakarma	♦ FDP on "Pedagogy for Online and Blended Teaching –Learning Process" by IIT Bombay, FDP201X, FDP101X. ♦ 2nd National Conclave on Cyber Defence- Sajag 2019. ♦ Elite+Gold NPTEL Online Certification for the course "Introduction to Java Programming".
7	Ms. Megha Birthare	♦ Elite+Gold NPTEL Online Certification for the course "Introduction to Internet of Things".
8	Mr. Rakesh Jain	♦ Elite+Silver NPTEL Online Certification(funded by the Ministry of HRD,Govt.of India) for the course "Introduction to Internet of Things".
9	Dr.Astha Modgil	♦ Successfully defending her thesis.

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Indore Institute of Science and Technology
Department of Computer Science and Engineering

1	MAYANK GANDHE	CS	TCS
2	KUNAL KANDHARI	CS	TCS
3	KEDAR RAJURKAR	CS	TCS
4	MANSI Arvind DEOLALIKAR	CS	TCS
5	RUPAL JAIN	CS	TCS
6	NIVEDITA SHARMA	CS	TCS
7	VEDANT PAGARE	CS	TCS
8	KRITI GUPTA	CS	TCS
9	SAMRIDDHI OJHA	CS	TCS
10	PIYUSH BHATNAGAR	CS	TCS
11	ROHIT RATHORE	CS	TCS
12	FARHA AKHTAR	CS	TCS
13	JAYESH Rajesh SONI	CS	TCS
14	ASHUTOSH DUBEY	CS	TCS
15	UMESH PATIL	CS	TCS
16	AYUSH THAKUR	CS	TCS
17	GURPREET SINGH CHERA	CS	Jaro Education
18	SANYOGITA SINGH	CS	Jaro Education
19	RAHUL KHANDELWAL	CS	Jaro Education
20	LISA JAIN	CS	Jaro Education
21	MOHD. RAIS SHAIKH	CS	smartData
22	TARUN PUROHIT	CS	smartData
23	SAMRIDDHI OJHA	CS	smartData
24	MADHUR LIKHAR	CS	smartData
25	GARIMA KHANDELWAL	CS	smartData
26	Rupal Jain	CS	CRMNext

28	SONAL SAXENA	CS	Verdantis.
29	Shubham Pandey	CS	R1 RCM Global Pvt Ltd
30	Manali Sethi	CS	AppVenturez
31	RAM RAGHAV GOVIND	CS	DIASPARK INFOTECH PVT. LTD. / WEBDUNIA
32	Garima Khandelwal	CS	DIASPARK INFOTECH PVT. LTD. / WEBDUNIA
33	Manali Sethi	CS	DIASPARK INFOTECH PVT. LTD. / WEBDUNIA
34	Mayank Sharma	CS	Compunnel
35	Ankit Shrivastav	CS	Hexaware Technologies
36	Divyanshi Pathak	CS	Hexaware Technologies
37	Madhur Likhar	CS	Hexaware Technologies
38	MAYANK GANDHE	CS	Tavisca Solutions Pvt. Ltd.
39	Divyanshi Pathak	CS	Calsoft
40	Madhur Likhar	CS	Calsoft
41	Nivedita Sharma	CS	Calsoft
42	Ram Raghav Govind	CS	Calsoft
43	Rubal Shukla	CS	Calsoft
44	Sourabh Jain	CS	Calsoft
45	Umesh Patil	CS	Calsoft
46	Farha Akhtar	CS	Wipro Ltd.
47	Ankit Shrivastav	CS	Wipro Ltd.
48	Nikita Singh	CS	Cyber Infrastructure
49	Shubham Dubey	CS	Cyber Infrastructure
50	Mahima Hirke	CS	Cyber Infrastructure
51	Kushboo Ajmera	CS	Cyber Infrastructure
52	Paridhi Bakshi	CS	Cyber Infrastructure
57	Divyadeep Singh	CS	Cyber Infrastructure

58	Nayan Patni	CS	Cyber Infrastructure
59	Awakesh Kumar Singh	CS	Cyber Infrastructure
60	Vaishnavi Shinde	CS	Cyber Infrastructure
61	Shubham Pandey	CS	Extramarks
62	Sanyogita Singh	CS	Extramarks
63	Prateek Dubey	CS	Extramarks
64	Gurpreet singh chera	CS	Extramarks
65	Sakshi joshi	CS	Extramarks
66	Nayan Patni	CS	Extramarks
67	Ashish Patidar	CS	Extramarks
68	Mahima Shrivastav	CS	Extramarks
69	Mahima Shrivastav	CS	Extramarks
70	Krishnendu Dinesh	CS	Extramarks
71	Dhananjay Wagh	CS	Extramarks
72	Purva k Kushwa	CS	Extramarks
73	Farha Akhtar	CS	Extramarks
74	MAYANK SHARMA	CS	Justdial
75	AKSHAT SHARMA	CS	Justdial
76	RUBAL SHUKLA	CS	Justdial
77	ROHAN MAHODAY	CS	Justdial
78	PRATEEK DUBEY	CS	Justdial

79	DHIRAJ CHAUDHARY	CS	Justdial
80	NAYAN PATNI	CS	Justdial
81	ADITYA PATEL	CS	Justdial
82	VARUN DIXIT	CS	Justdial
83	RAVI SONI	CS	Justdial
84	SIDHANT PATEL	CS	CAPITALVIA GLOBAL RESEARCH LTD.
85	SHUBHAM INSHAN	CS	CAPITALVIA GLOBAL RESEARCH LTD.
86	RUBAL SHUKLA	CS	CAPITALVIA GLOBAL RESEARCH LTD.
87	NAYAN PATNI	CS	CAPITALVIA GLOBAL RESEARCH LTD.
88	DHIRAJ SINGH CHOUDHARY	CS	CAPITALVIA GLOBAL RESEARCH LTD.
89	Subodh Katiyar	CS	CapitalAim Financial Advisory Pvt. Ltd.
90	Yashasvi Sharma	CS	CapitalAim Financial Advisory Pvt. Ltd.
91	Tanuj Jain	CS	CapitalAim Financial Advisory Pvt. Ltd.
92	Amay Mathur	CS	CapitalAim Financial Advisory Pvt. Ltd.
93	Tarun Purohit	CS	CapitalAim Financial Advisory Pvt. Ltd.
94	Khushal Nagori	CS	CapitalAim Financial Advisory Pvt. Ltd.
95	Harshit Ranawat	CS	CapitalAim Financial Advisory Pvt. Ltd.
96	Gul Ali Mafat	CS	CapitalAim Financial Advisory Pvt. Ltd.
97	ABHISHEK AGRAWAL	CS	K-Tek Resourcing
98	MAYANK DAVE	CS	K-Tek Resourcing

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99	PRANSHI SHARMA	CS	K-Tek Resourcing
100	Riya Pahuja	CS	MediaMint
101	Ishita Sanyal	CS	MediaMint
102	Aakansha Pali-wal	CS	MediaMint
103	Shammi Rawat	CS	MediaMint
104	Akshita Sahu	CS	Amazon
105	Ashutosh Dubey	CS	Amazon
106	Akash Chouhan	CS	Aartek Software Solutions Pvt. Ltd.
107	Surjeet Singh Rathore	CS	Aartek Software Solutions Pvt. Ltd.
108	Anoop Mehra	CS	Aartek Software Solutions Pvt. Ltd.
109	Khushal Nagori	CS	Aartek Software Solutions Pvt. Ltd.
110	Paridhi Bakshi	CS	Aartek Software Solutions Pvt. Ltd.
111	Amaiy Mathur	CS	Jaro Education
112	Akshita Sahu	CS	Walkover Web Solutions
113	VAISHNAVI SHINDE	CS	Chapter 247 Infotech Pvt. Ltd.
114	AMAIY MATHUR	CS	Chapter 247 Infotech Pvt. Ltd.
115	Jitendra Chouhan	CS	Chapter 247 Infotech Pvt. Ltd.
116	Bhawana Porwal	CS	Chapter 247 Infotech Pvt. Ltd.
117	Ayushi Tandon	CS	Chapter 247 Infotech Pvt. Ltd.
118	Sakshi	CS	Collabera Services Pvt. Ltd
119	Rishav Raj Jha	CS	Collabera Services Pvt. Ltd
120	Pranshu choubey	CS	Collabera Services Pvt. Ltd

121	Atishay Sarva	CS	Collabera Services Pvt. Ltd
122	Anubhav Vyas	CS	Collabera Services Pvt. Ltd
123	Vidushee Shrotriya	CS	Collabera Services Pvt. Ltd
124	Amaiy Mathur	CS	Collabera Services Pvt. Ltd
125	Muskan Yadav	CS	Mango IT Solutions
126	Khushal Nagori	CS	Mango IT Solutions
127	PARIDHI BAKSHI	CS	Mango IT Solutions
128	Aman Rawal	CS	Sofmen Technologies. Pvt.Ltd.
129	Paridhi Bakshi	CS	Sofmen Technologies. Pvt.Ltd.
130	Pragati Patidar	CS	Sofmen Technologies. Pvt.Ltd.
131	Anoop Mehra	CS	ConsultAdd
132	Aman Rawal	CS	ConsultAdd
133	Vaishnavi Shinde	CS	Xpanxion
134	Somi Shrivastva	CS	Xpanxion
135	Mayank Sharma	CS	MOBSTAC, Bangalore
136	Sidhant Patel	CS	American Chase
137	Sonal Saxena	CS	American Chase
138	Nikhil Joshi	CS	American Chase
139	Priyanka Patidar	CS	American Chase
140	Vidushee Shrotriya	CS	American Chase
141	Rishabh Tongia	CS	American Chase

Academic Achiever 2018-19

CSE IV Year
Ms. Farha Akhtar
(9.0 SGPA)
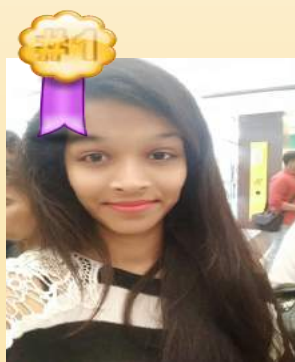
CSE III Year
Ms.Prachi Choubey
(9.5 SGPA)

CSE II Year
Vaidehi Shrivastava
(8.74 SGPA)
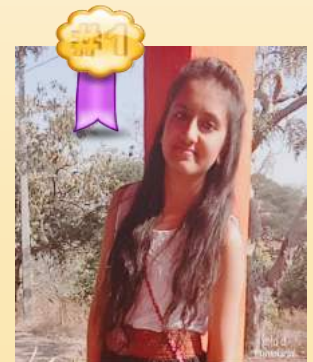
CSE I Year
Isha Ranka
(8.9 SGPA)

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Star Achievers 2018-19

CSE IV Year
Ms. Purva Kushwaha

CSE IV Year
Mr. Jayesh Soni

CSE III Year
Ms.Prachi Choubey

STUDENTS ACHIVEMENTS

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Student Achievement

Placement, Entrepreneurship and Career Advancement (PECA) Cell & Department of CSE congratulates Ms. Shivani Panwar, BE CS 2018 batch for securing admission in McMaster University, Canada for Master of Engineering in Entrepreneurship and Innovation.

Placement, Entrepreneurship and Career Advancement (PECA) Cell & Department of CSE congratulates Mr. Jai Jain, BE CS 2018 batch for securing admission in university of Waterloo, Canada in Master of Management and Sciences.

- Avichal Vyas student of CSE 2019 batch securing internship from Yberry for Ios App Development in the month of DEC2018.

CONGRATULATIONS

Congratulations !!!
Avichal Vyas, Student of CSE (Batch-2019) for securing internship from Yberry for iOS App Development. We wish you All the Best...Keep up the good work

Proud of you..
Huge Congratulations from IIST/IIP/IIMR family .
Historic day for all of us as Aayush Raje from 3rd year (5th Sem) leading as a trip leader to Prashar Lake trek

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Go4Explore.com
Aayush @AayushRaje__

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STUDENTS ACHIVEMENTS

* DOLLY NEWTON for getting Elite NPTEL Online Certification(funded by the Ministry of HRD,Govt.of India) for the course "The joy of Computing Using Python"in the month of July-Oct 2018

* Jayesh Soni from CSE branch of 2019 batch for successful completion of internship on Internet of Things from Robo Inventors in the duration of 3rd Sep 2018 to 19th Sep 2018.

* KISHAN DASONDHI and VAIDEHI SHRIVASTAVA for getting Elite NPTEL Online Certification(funded by the Ministry of HRD,Govt.of India) for the course "Programming in C++" in the month of Aug-Sep 2018.

* Farha Akhtar of 2019 batch for securing a position of Zonal Coordinator during IIT Roorkee's Zonal Cognizance-Expanse- on 27th Feb 2018.

* Rohit Kumar Mishra from CSE branch of 2020 batch for securing Artificial Intelligence (Research) internship at Finamics Global through Internshala.

- Congratulations Oshi Jain for getting Elite+Silver NPTEL Online Certification (funded by the Ministry of HRD,Govt.of India) for the course "Data Base Management System".

- Congratulations Rohit Kumar Mishra, Prachi Gupta, Dolly Newton and Akshita Sharma for getting Elite NPTEL Online Certification (funded by the Ministry of HRD,Govt.of India) for the course "Data Base Management System

- Congratulations Vibhuti Pandya,Aashish Patel,Bhawan Singh Solanki, Vishal Malviya and Lavesh Nandanwar for getting Elite NPTEL Online Certification (funded by the Ministry of HRD,Govt.of India) for the course "Introduction to Internet of Things".

- Congratulations to Akshara Vijayvergiya, Mayank Kushwah, Ritya Jain, Vishal Chawla,Piyush Bohra, Priya Khandelwal, Kumar Harshit, Esha Joshi,Samraddhi Daftari, Aman Jain for getting Elite+Silver NPTEL Online Certification (funded by the Ministry of HRD,Govt.of India) for the course "Introduction to Internet of Things".

- congratulations to Zoya Kamali, Shubham Katre for getting Elite+Gold NPTEL Online Certification (funded by the Ministry of HRD,Govt.of India) for the course "Introduction to Internet of Things".

STUDENTS ACHIVEMENTS

Congrats to all the students who have qualified for the Final Round of Cognizance 2019 - IIT Roorkee.

1	Abhishek Singh
2	Anshul Pandey
3	Deena Nath
4	Dheeraj kumar Yaduvanshi
5	Mohd .Umar F.khan
6	Punit solanki
7	Rajat Chauhan
8	Rakshit Ameriya
9	Rohit Attraya Tangirala
10	Sarthak Gupta
11	Saumya Verma
12	Udit Mahajan

Congratulations to all the students (2022 batch) who got certified for the Introduction to Logical Thinking and Smart Programming

Congratulations to all the students who got certified for the "Introduction to Statistical Analytics and Machine learning" Course

STUDENTS ACHIVEMENTS

* The following students who have successfully completed 20-hour training program on "IoT Basics" organized by CSE Department in Association with IoT SIG of Innovators Hub (H!) between 6th to 30th August 2018 by clearing the qualifying exam conducted on 29.9.18. Ankit Rawat, Harsh Dhakad ,Kishan Dasondhi, Mittu Parmar, Punit Pastariya, Aayush Raje, Abhishek Singh, Akash Jatwa, Nayan Uchchana, Vaidehi Shrivastava, Nikhil Nirgudkar, Chetan Patidar

S.no	Name
1	Divyanshu Tare
2	Sarthak Gupta
3	Jay Panchal
4	Rakshit Ameriya
5	Akshat Jain
6	Twinkle Runwal
7	Adarsh Shridhar
8	Ayush Trivedi
9	Bhawan Singh Solanki

* Students for getting Elite NPTEL Online Certification(funded by the Ministry of HRD,Govt.of India) for the course Programming, data structures and algorithms using Python in the month of Aug-Sep 2018.

* Congratulations to the students who have successfully completed 30-hour training program on "IoT Basics" organized by CSE Department in Association with IoT SIG..Also, special wishes to students selected as Interns for the academic year 2018-19...

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STUDENTS ACHIVEMENTS

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Mr. Ankit Rawat
B.Tech CSE
2021 Batch
Won
GOLD MEDAL
at
NODAL LEVEL SHOOTING COMPETITION
at IPS Academy

Mr.Ankit Rawat CSE 2021 batch won Gold Medal at Nodal Level Competition at IPS Academy in the month of Oct 2018.

Mr. Avichal Vyas
B.E. CSE
2019 Batch
The only candidate from Madhya Pradesh participated in
"SIRI SHORTCUTS WORKSHOP"
by
APPLE's APP ACCELERATOR
at Bangalore

Avichal Vyas, student of CSE (2019 Batch) only candidate from Madhya Pradesh who participated in the workshop that was held at Apple's App Accelerator, Bangalore in the month of Aug-Sep 2018.

- Shri Roshan Agarwal, Chairman IIST/IIP/IIMR and Shri Arun S. Bhatnagar, Director General IIST/IIP/IIMR congratulated Varun Dixit and Harsh Panot (2019 Batch Students) for "Winning Inquisitive Minds Regional Round Challenge-2018" organized by Career Launcher

- One of the team from CSE 2019 batch has been shortlisted for the Rajasthan Hackathon 5.0 in the month of June-July 2018
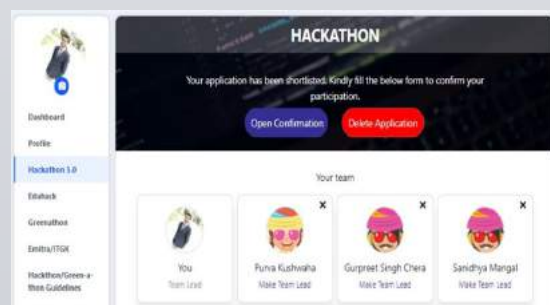
- Mr. Rohit Mishra belonging to the 3rd Year Computer Science and Engineering has cleared the Online Assessment for availing Free Data Science Course access by https://www.imurgence.com/, Mumbai in the

IMURGENCE.COM
Imurgence – Simple & Real Analytics
In this course you'll learn to program in R and the way it can be used for...

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Parents Teacher Meeting (PTM)

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Learn Implement Achieve

* IIST hosted Parent Teacher Meeting (PTM) on 6th October 2018 With an attempt to focus on participatory approach in education, IIST organized the Parent Teacher Meeting on 6 October 2018.

* IIST hosted Parent Teacher Meeting (PTM) on 9th March 2019 With an attempt to focus on participatory approach in education, IIST organized the Parent Teacher Meeting on 9th March 2019 .

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CSE NEWSLETTER

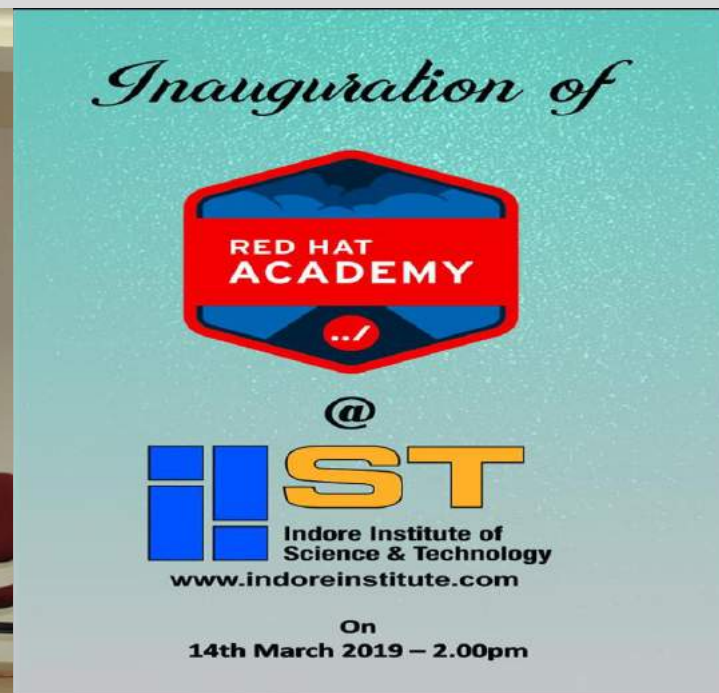TOLL FREE
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2018-19

RESOURCEFUL Academia @IIST

Highlights of Expert Lectures

- Expert Lecture on "3D-Printing- Concept and its Applications" by Mr.Amit Malu (Proprietor, Preen Labs, Indore) on 5th Oct 2018.

- Expert Lecture on "DevOps and AWS Cloud" by Ms. Nisha Chauhanon on OCT-10, 2018.

- Expert lecture on CCNA (Routing and Switching) was delivered by Mrs. Nisha Chauhan and by Mr Arjun of iTrainU on 11th Oct 2018.

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Highlights of Expert Lectures

- Expert Lecture on "JAVA SCRIPT AND JQUERY" by Mr.Mayank Mandloi on 27 th and 29th Oct 2018

- Expert Lecture on "BIG DATA AND ANALYTICS" by Mr.Vivek Joshi on 25th Oct 2018

- Considering the importance of C and C++ programming languages during placements, Indore Institute of Science and Technology (IIST) has organized a 30 hour training program "Advanced Programming using C" for 2020 batch in association with CodeMantra, Indore. Mr. Abhishek Verma (Director of CodeMantra, Corporate Trainer) is training students in advanced C programming concepts like structures, functions, pointers, dynamic memory allocation .

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RESOURCEFUL Academia @IIST

MoUs Signed

IIST & studentingera.com has entered into an MoU to enable IIST students to use the www.studentingera.com platform for free. This helps the students to utilize the resources available in the platform like Certification courses on Higher Level Programming languages, career guidance along with the soft-skills training.

IIST has successfully registered all its students with the Internshala platform to enable them to use their platform for internships. This helps the students to avail the internship opportunities from first to final year based on their skill sets, apply to internships, get access to our online resume maker and start receiving top internship updates weekly.

Within 3 months since the enrollment of students we have attained record number of internships through the Internshala platform and secured 131st position at the national level.

IIST & Cyber Infrastructure, Indore (CIS) has entered into a MoU to create a Centre of Excellence at IIST to train the CSE/IT students on Foundational Courses towards improving the employability quotient. CIS has conducted their first level of screening on 08.10.18. The students selected out of this would be trained internally by IIST faculty on the Industry Curriculum prescribed by CIS and the second level of screening would be done by CIS for identifying the candidates suitable for employment with them. Mr. Arun S Bhatnagar, Director General has signed the MoU in the presence of Dr. Raghuveer, Principal IIST & TPO Mr. Kittur.

MoUs Signed

♦ Indore Institute of Science and Technology (IIST) and Red Hat India Pvt. Ltd. have entered into a MoU to setup Red Hat Academy (RHA) @ IIST Campus on 14th March 2019 in presence of Hon. Chairman Shri Roshan Agrawal, Shail Educational Society, Mr. Arun S Bhatnagar, Director General, IIST-IIMR-IIP and Mr. Abhishek from Red Hat India, Bangalore. RHA is an arm of Red Hat Inc. U.S.A. which associates academic institutions to keep pace with the demands of industry. The curriculum involves hands-on instruction across platform and makes students industry ready using Red Hat

HIGHLIGHTS OF INDUSTRAIL TRAINING

- Industrial Training on Data Analytics using Python for CSE 2019 batch on 25th June 2018 to 7th July 2018.

- Industrial Training on IoT for ECE & CSE 2019 batch on 2nd July 2018 to 9th July 2018 .

- Induction Program on "Logical Thinking and Smart Programming" for CSE 2021 batch on 2nd July 2018 to 6th July 2018.

RESOURCEFUL Academia @IIST

HIGHLIGHTS OF INDUSTRAIL TRAINING

♦ Department of CSE has initiated a three week hands-on training session on "IoT Basics" for 2021 batch CSE students in the month of Oct-2018.
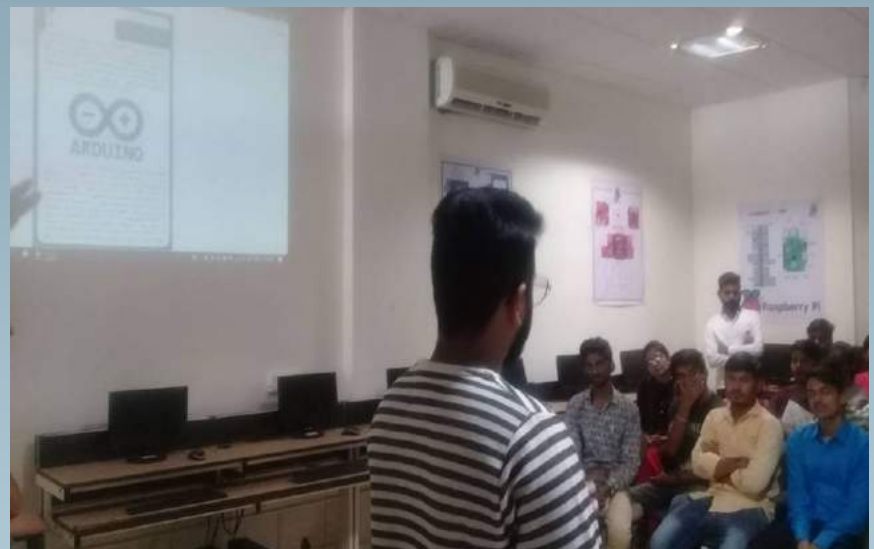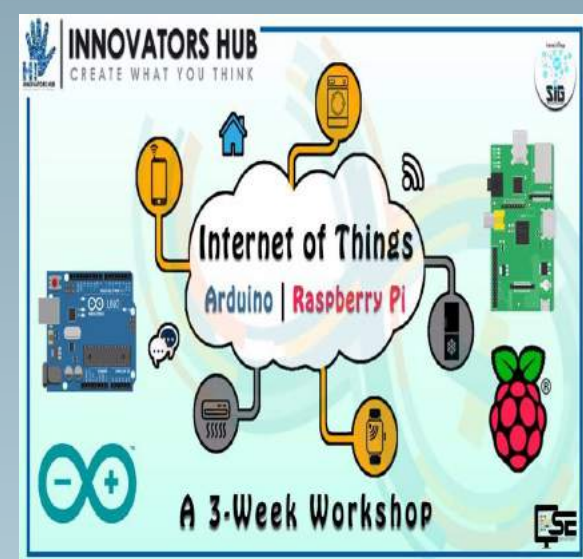
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Seminars highlights

♦ Department of Computer Science and Engineering and Information Technology conducted a seminar on multimedia and animation on 31st Aug 2018. Four eminent speakers from Prime Focus Academy enlightened students with resent trend in multimedia and animations.
1. Mr.StephenMascarenhas
2. Clifford Lobo
3. Wasim Attar

♦ Computer science and Information Technology department of Indore institute of science and Technology conducted a seminar on Introduction to Angular JS,Version Control System GIT & Basic Web Development VR (09/02/19).

Seminars highlights

- Computer science and Information Technology department of Indore institute of science and Technology conducted a seminar on RedHat Technologies and their career prospects on 14/03/19

- Computer science and Information Technology department of Indore institute of science and Technology conducted a seminar on Visual Data Analytics using SaaS ON 21/01/19

SPECIAL INTEREST GROUPS

2018-19

HIGHLIGHTS OF SIG (SPECIAL INTEREST GROUP)

♦ Department of CSE and IT has inaugurated a 30 hour customized session on "Basic Web Development" through its W3 SIG FOR 2021,2022 batch on 7th September 2018.
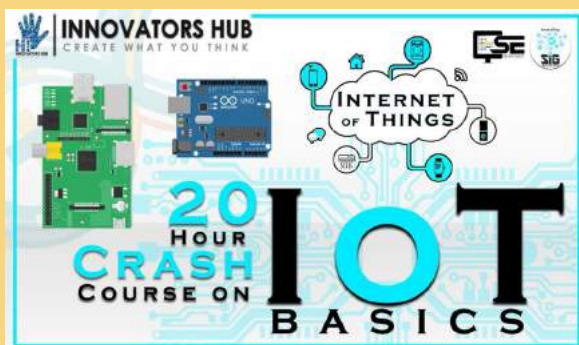
♦ Innovators Hub(H!)@IIST is organizing a 20-hour crash course on IoT basics for 2020 batch CSE/IT students to enable them to take part in SIH 2019.

♦ iOS SIG (Innovators Hub)@IIST initiated a 20-hour Certification Training on iOS App Development for CSE/IT 2020 Batch on Sep-Oct 2018 to make them learn how to develop their very own apps in iOS using Swift language.

HIGHLIGHTS OF SIG
(SPECIAL INTEREST GROUP)

- Android SIG@IIST has inaugurated the first edition of Android Bootcamp for CSE/IT 2020 batch on 29th Sep 2018 . The faculty coordinator of the SIG Mr. Deepak Vishwakarma, Ms. Poorva Shukla

- Data Analytics SIG (Innovators Hub)@IIST initiated a 20-hour Certification Training on Introduction to Statistical Analysis and Machine Learning for CSE/ IT 2020 Batch on 6th Oct 2018

- Rohit Kumar Mishra 2020 batch has been hired for an internship with IIT Delhi on 27th Sep 2018.

- The Research and Development Cell (RDC) at IIST has formally inaugurated their state-of-the-art **"Web Development"** With this, the RDC formally announced the formation of a Special Interest Group on Web Development.

DIGITAL
Learning
@IIST

HIGHLIGHTS OF SIG

IIST is proud to announce the formation of its 21st Special Interest Group (SIG) on Additive Manufacturing along with the first FDP activity under the SIG on 3D printing..

IIST inaugurates IOS development lab

The Research and Development Cell (RDC) of Indore Institute of Science and Technology (IIST) recently inaugurated their state-of-the-art 'iOS Development Lab' at college premises. The chief guests of the programme were college chairman Roshan Agarwal, mentor Murlidhar Agarwal and Arun S Bhatnagar, director general, IIST, IIMR, IIP, group of institutions. The RDC announced the setup of a dedicated innovation lab named 'Innovators Hub' and the formation of a special interest group (SIG) on iOS Development. SIG will focus on building a platform for the students and faculty members to develop innovative solutions for the iOS platform. Academics and research dean Dr Raghuveer highlighted the importance of exposing the students to the iOS application development as there is a surge in the usage of iPhones in India.

IIST College celebrates Faag Utsav with fervour

Indian Institute of Science and Technology College (IIST) celebrated the occasion of Holi with great fervour in college premises on Tuesday in which all the students participated with great enthusiasm. Ranjan Poddar of institute said that evey year the occasion is celebrated with natural colour. Message to save water was also given to the students. a cultural programme was also conducted by the students. On this occasion, Institute director general Arun S Bhatnagar, principal Shri Raghuveer and others were present.

category at Indore Press Club on Wednesday.   preside the event. CEO,   get was also given to riders

IIST organises HR conclave

An HR Conclave 2019 was organsied by Indore Institute of Science and Technology at college premises on Wednesday. The main aim of the conclave was to educate the students and HR professionals about the changing role of human resources in companies. The programme was inaugurated by college chairman Roshan Agrawal and director General Arun S Bhatnagar. Guest speakers at the conclave were Dr Vivek Man Singh, Dr Mukesh Vyas, Dr Piyush Nayak and others. While addressing the students Dr Vivek Man Singh pointed out that 99 per cent people are influenced by opportunities and only 1 percent are goal oriented. "The youth needs to set their goals and then work in the direction towards a better future. Mostly the youth gets motivated by what others are doing in their vicinity and that is wrong for their own personal development", Singh added. The speakers addressed the students on human resource development, modern changes in HR industry and innovative ways to create motivational work force.

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INDORE BOY SCALES PIR PANJAL

Ayush Raje, a student of Indore Institute of Science and Technology, successfully scaled 14,000-feet high peak of Pir Panjal range of Himalayas. He achieved success in an 18-hour-long effort braving temperature of -9 degree and heavy snowfall.

Director General of IIST College Arun S Bhatnagar said that Ayush had been preparing for it for the last several months. He first reached Manali and then Himalaya base camp at Gulba ahead of Rohtang.

He was accompanied by six other team members. They braved adverse weather conditions. Several times, their tents were uprooted by the wind. However, Ayush and his team did not give up. They started climbing at 5am and after 18 hours reached Bhragu Lake at 14,000 feet, Bhatnagar added. Ayush Raje said that in September, he will try to scale Friendship Peak Point at 17,000 feet.

Go 4 Explore
Go4Explore.com

आईआईएसटी और आईआईएमआर में प्रोफेशनल ट्रेनिंग व एक्सपोजर पर फोकस

इंदौर| इंदौर इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी व इंदौर इंस्टीट्यूट ऑफ मैनेजमेंट एंड रिसर्च द्वारा छात्रों के स्किल डेवलपमेंट के लिए नए प्रयास किए जा रहे हैं। संस्था द्वारा सत्र 2019-20 के लिए बीएससी (गणित, सांख्यिकी, कंप्यूटर साइंस) तथा बीए (ऑनर्स) इकोनॉमिक्स के नए कोर्सेज इंडस्ट्रीज की भविष्य की आवश्यकताओं को देखते हुए शुरू किए जा रहे हैं। कॉलेज के डायरेक्टर जनरल अरुण एस भटनागर ने बताया कि वर्तमान में डाटा साइंस तेजी से विकसित हो रहा है। एक अनुसंधान के मुताबिक वर्ष 2020 तक इस क्षेत्र में दो लाख प्रोफेशनल्स की आवश्यकता पड़ेगी जबकि वर्तमान में क्षेत्र में प्रोफेशनल की उपलब्धता काफी कम है। इंदौर इंस्टीट्यूट ऑफ साइंस एंड टेक्नोलॉजी ने प्रौद्योगिकी क्षेत्र में तीन नई पहल की है। इसके तहत ऑगमेंटेड रियलिटी/वर्चुअल रियलिटी लेबोरेटरी के द्वारा हर छात्र इमर्सिव लर्निंग कर पाएगा। इसी तरह आजकी आईटी इंडस्ट्री की स्किल बेस्ड इंजीनियर की जरूरत को देख ऑन कैंपस इंटर्नशिप के तहत 250 से भी अधिक बच्चों को कैंपस में ही इंटरनेशनल सर्टिफिकेशन की ट्रेनिंग और परीक्षा की तैयारी कराई जा रही है।

डाटा साइंस में दो लाख प्रोफेशनल्स की आवश्यकता

स्किल डेवलमेंट के लिए दो नए कोर्स

इंदौर 24 जून. इंदौर इंस्टीट्यूट आफ साइंस एंड टेक्नोलॉजी (आईआईएसटी) व इंदौर इंस्टीट्यूट आफ मैनेजमेंट रिसर्च (आईआईएमआर) द्वारा छात्रों के स्किल डेवलपमेंट के लिए नए कोर्सेज शुरू किया जा रहे हैं।

उपरोक्त जानकारी देते हुए कॉलेज के डायरेक्टर जनरल अरुण एस भटनागर ने पत्रकारों को बताया कि इसी कड़ी में संस्था द्वारा सत्र 2019-20 के लिए बीएससी (गणित, सांख्यिकी, कंप्यूटर साइंस) तथा बीए (ऑनर्स) इकोनॉमिक्स का नया कोर्स शुरू किया जा रहा है। ये कोर्स इंडस्ट्रीज की भविष्य की आवश्यकताओं को देखते हुए शुरू किए जा रहे हैं।

उन्होंने बताया कि वर्तमान में डाटा साइंस को तेजी से विकसित हो रहा है। एक अनुसंधान के मुताबिक सन 2020 तक इस क्षेत्र में दो लाख प्रोफेशनल्स की आवश्यकता पड़ेगी जबकि वर्तमान में क्षेत्र में प्रोफेशनल की उपलब्धता काफी कम है, छात्रों को सी प्लस प्लस, जावास्क्रिप्ट, डेटाबेस एवं नेटवर्किंग आदि काफी प्रशिक्षण दिया जा रहा है. कॉलेज द्वारा दूसरा कोर्स बीए ऑनर्स इकोनॉमिक्स प्रारंभ किया जा रहा है।

इस कोर्स के बाद छात्र पीएससी, आईएएस आदि परीक्षा में अच्छा प्रदर्शन कर सकेंगे. इसके साथ ही बीकॉम के छात्रों को अकाउंट व कर क्षेत्र के अतिरिक्त रोजगारोन्मुखी कोर्स सिखाये जा रहे हैं. इंदौर इंस्टिट्यूट ऑफ साइंस एंड टेक्नोलॉजी ने प्रौद्योगिकी क्षेत्र में तीन नई पहल की है. इसके तहत ऑगमेंटेड औरवर्चुअल रियलिटी लेबोरेटरी के द्वारा हर छात्र इमर्सिव लर्निंग कर पायेगा. यह लेबोरेटरी छात्रों को विविध प्रयोग करने में और उन्हें जीवंत तरीके से देखने में अत्यंत सहायक रहेगी. इसी तरह आजकी आईटी इंडस्ट्री की स्किल बेस्ड इंजीनियर की जरूरत को देख कर ऑन कैंपस इंटर्नशिप के तहत 250 से भी अधिक बच्चों को कैंपस मैं ही इंटरनेशनल सर्टिफिकेशन के ट्रेनिंग और परीक्षा की तेंयारी कराई जा रही है. प्रोग्रामिंग की अच्छी तरह से तैयारी के लिए छात्रों को क्लाउड बेस्ड प्लेटफार्म - स्किलरैंक उपलब्ध कराया गया है. जिसके तहत छात्र छुट्टियों के दौरान घर पर रह कर भी प्रोग्रामिंग की शुरुवात कर सकते है.

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New Initiatives

2018-19

♦ Research and Development Cell (RDC) at IIST is proud to introduce Special Interest Groups (SIG) in the month of June-July 2018.

♦ The Research and Development Cell (RDC) at IIST has formally inaugurated their state-of-the-art "Internet of Things" Lab by the Honourable Director General Shri. Arun S Bhatnagar and Dr. Raghuveer, Principal(I/c), Dean Academics & Research, IIST on 06.8.18. With this, the RDC formally announced the formation of a Special Interest Group on IoT research, which will work on Smart City Applications.

New Initiatives

2018-19

- The Research and Development Cell (RDC) at IIST has formally inaugurated their state-of-the-art "iOS Development Lab" by their Honourable Chairman Shri. Roshan Agarwal, Mentor Shri. Murlidhar Agarwal and Shri. Arun S Bhatnagar, Director General, IIST, IIMR, IIP, group of institutions on 10.7.18.

- IIST has officially inaugurated the Microsoft Imagine Academy today in the presence of Mr. Raghul Bhargava, RDot Ventures, Mr. Arun S Bhatnagar, Director General, IIST-IIP-IIMR, Dr Raghuveer VR, Principal - IIST and Mrs. Sonali Tidke, HoD CSE.

New Initiatives

- Data Analytics SIG@IIST has devised a Customized Curriculum on "Introduction to Statistical Analytics and Machine Learning". This course is to be offered to the 2020 batch students of CSE/IT in the month of October 2018. The Unveiling of Course Manual was done by our Honorable Chairman Shri Roshan Agrawal in the presence of Director General Shri Arun S Bhatnagar, Principal Dr. V.R. Raghuveer and CAO Mr. Mukesh Tiwari on 27.9.18 in the IoT Lab@IIST. Dr. Raghuveer briefed the importance of Data Analytics in the near future and the need to expose the students to the domain.

VARIOUS SCHOOLS VISIT IN OUR CAMPUS FOR THE EXPOSURE OF IOT AND AI

IIST/IIMR/IIP is proud to announce the formation of a dedicated Career Development Cell (CDC) to prepare the students on Aptitude and Soft skills which are very much required for placements. The CDC will design and deliver customized courses from the upcoming session to enhance the employability quotient of the students. Special Sessions on "How to crack the interview" are also planned in the upcoming session

Career Development Cell (CDC)

Mr. Leonard Jude Brown
Director & Head (CDC)
Authored a book on Language and Grammar
Consultant: "Delhi Public World School", New Delhi
Experience: 20 years

Mr. Shivendra Rahul
Deputy Director (CDC)
MA English, (Pursuing Ph.D. English)
Six International Certificate Courses in English
Published - (Int. Journals – 7, National Journals – 1)
Experience: 6 years

Ms. Shweta Bahrani
(PDP Trainer) (CDC)
MBA & M.com also IATA qualified,
Trained employees of MNC's
Experience: 16 years

Mr. Abhishek Bhatnagar
(Aptitude Trainer) (CDC)
B.E. (ECE), DSSD-CDAC
Experience: 9 years

Mr. Shekhar Mourya
(Aptitude Trainer) (CDC)
B.E. (ECE)
Experience: 3 years

New Initiatives

♦ **Department of CSE & IT is proud to be associated with Developer Student Clubs (DSC) with the selection of DSC lead from IIST. The DSC will conduct in-house training activities for the students to enable them to develop solutions for the local businesses.**

CONGRATULATIONS

"Proud to announce that IIST is a part of Developer Student Clubs(DSC) by Google"

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CS / IT Department

Microsoft
IMAGINE
ACADEMY

Indore Institute of
Science & Technology

♦ **Department of CSE & IT has associated with Microsoft Imagine Academy to offer Microsoft Certified Courses in the areas of Productivity, Web Development, Data Science and Managing IT Infrastructure...**

Warmest Congratulations to Deepak Sharma....
Deepak Sharma (0818CS171023), student of 2021 batch got his proposal named "Saloon Aggregator Service" selected for incubation under Project to Startup (P2S) of CARE(Centre for Application of Research in Engineering). After achieving the desired outcome, the product will be deployed in market. The vision of Institute's Incubation program is to help young entrepreneurs to build their product/solutions by providing the necessary financial and technical assistance. Wishing him all the best for accomplishing his dream.

Deepak Sharma

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Congratulations!!
for successful incubation of project titled
"Flat Rental Services"
under
CARE
Centre for Application of Research in Engineering

Chirag Agrawal   **Vipul Singh Jaiswar**   **Mayank Laxkar**   **Indrajit Singh**

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ST Indore Institute of Science & Technology   MR Indore Institute of Management & Research   P Indore Institute of Pharmacy

New Initiatives

OCI Series & International certifications

New Initiatives

OCI

OCI from Sterling Institute

IIST conducted a HR Meet on 16th March 2019

New Initiatives

IIST is proud to associate with SkillRack in delivering online Cloud based training on programming languages

IIST is proud to Introduce virtual/Augmented Reality Lab for Skill Enhancement.

♦ Honorable Director General of IIST Mr. Arun S Bhatnagar and Dr. V.R. Raghuveer, Principal IIST have inaugurated the Crash Course for Placement Preparation for the 2019 batch Students.

Achivements:-
To achieve the flipped classroom USP..

FDPs (Faculty Development programs)
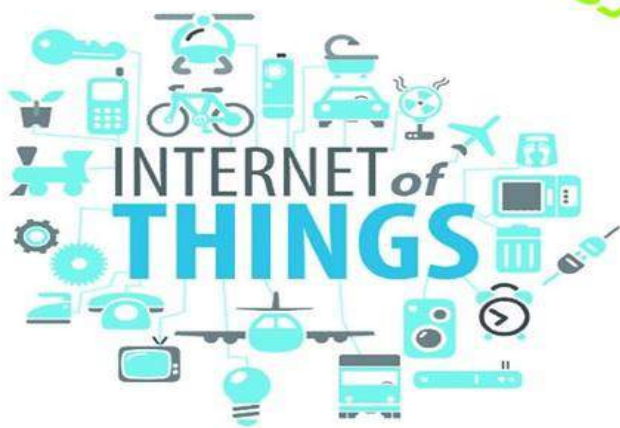
Faculty Development Programme
on
AWS Cloud Foundation
Seminar Hall 2, C Block
2 - 4 pm, 26 - 28 Dec 2018

INTERNET of THINGS

2 Weeks FDP

IoT
20th - 24th May, 2019

NodeJs
27th - 31st May, 2019

2018-19

Industrial Visits & Tours

Our Department and Achievements of IIST

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Learn Implement Achieve

Department of Computer Science and Engineering & Information Technology

Atal Ranking of Institutions on innovation Achievements

Prof. (Dr.) V.R. Raghuveer, B.E. (CSE), M.E. (CSE), Ph.D,

Dean Academics and Research,

(Ex. Associate Prof., VIT University, Vellore, Tamilnadu)

➢ Specialization: Artificial Intelligence, Data Mining

➢ Teaching Experience: 15 Years

➢ Publications: 20 (National & International Journals)

➢ Consultant to Western University Colleges and

Leading North-Indian Universities for implementing

Flipped Classroom through LCMS

Prof. Sonali M. Tidke, B.E. (CSE), M.E. (CSE), (Ph.D)

➢ Specialization: Machine Learning, Object
Oriented Programming, Database
Management Systems

➢ Teaching Experience: 11 Years

➢ Industry Experience: 5.5 Years

➢ Publications: 15 (National & International
Journals)

Mr. Anil Khandekar, B.E. (CSE), M.E. (CSE),

Ph.D pursuing,

Associate Professor, Computer Science & Engineering

Department,

(Alumnae, SGSITS Indore)

➢ Specialization: Data Bases, Software Engineering

➢ Teaching Experience: 12 Years

➢ Industrial Experience: 02 Years

➢ Publications: 15 (National & International Journals)

Dr. Veena Khandelwal, AMIE(CSE) M.Tech(CSE)
Ph.D (Cloud Computing)

➢ Specialization: Cloud Computing, Machine Learning

➢ Teaching Experience: 7 Years

➢ Publications: 7(SCI Indexed Journals, IEEE Conferences)

Mr. T. S. Arora, B.E. (CSE), M.E. (CSE),

Ph.D (Pursuing)

Exam Controller (IIST)

➢ Specialization: Data Structure, Object Oriented
Programming

➢ Teaching Experience: 13 Years

➢ Industrial Experience: 01 Year

➢ Publications: 07 (National / International
Journals)

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Mrs.Margi Patel Chhabra, B.E. (IT), M.E. (Comp.Engg.),
Ph.D Pursuing .

➤ Specialization: Computer Network, Machine Learning

➤ Teaching Experience: 12.5 Years

➤ Publications: 15 (National & International Journals)
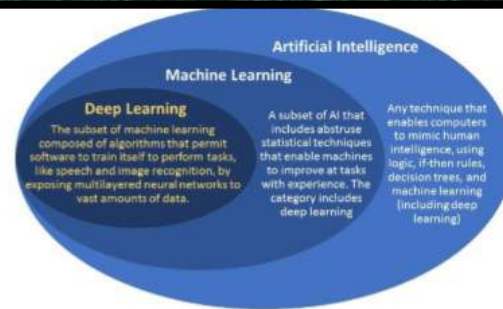
Dr. Aastha Modgil
Assistant Professor

B.Tech (CSE), M.E. with hons. (CSE) and PhD in CSE

Area of Interest: Green Computing and MANETs

Publications: 6 (National and International Conferences), 2 (International Journals)

Ms. Shruti Jain, B.E. (CSE),M.TECH(CSE), Ph.D (Pursuing)
Asst. Prof., CSE Department

➤ Specialization: Machine Learning, Theory of Computation , Database Management System

➤ Net Qualified

➤ Teaching Experience: 10 Years

➤ Publications: 3 (National & International conferences and Journals)

Ms. Poorva Shukla, B.E.(CSE),M.E (CSE), PhD*(CSE)

Asst. Prof., Computer Science & Engineering

➤ Specialization: MANET, Algorithms and Compiler Design.

➤ Teaching Experience: 8 years

➤ Publications: 4 (National & International)

➤ Achievements:- Silver medalist in international conference and got best faculty award by RGPV University

Ms. Akanksha Varghese
B.E. (CSE), M.Tech.(CSE), Ph.D*(DAVV)
Asst. Professor, Computer Science & Engineering

➤ Specialization: Machine Learning , Data Science, AI, Python

➤ Teaching Experience: 07 Years

➤ Publications: 04 (National & International Journals)

Mr. Pradeep Baniya, B.E. (CSE), M.E. (CSE)

Asst. Prof.

Computer Science & Engineering

➢ Specialization: Software Engineering, TOC & Compiler Design.

➢ Teaching Experience: 11 Years

➢ Publications: 06 (National & International Journals)

Mr. Rakesh Jain B.E. (CSE), M.E. (CSE)

Computer Science & Engineering

(Alumni, SGSITS Indore)

➢ Specialization: Theory of Computation, Manet

➢ Teaching Experience: 8 Years

➢ Publications: 02 (National & International Journals)

Mr. Deepak Vishwakarma

B.E. (CSE), M.E. (CSE)

➢ Specialization: Mobile ad-hoc Network, Computer Network, Network Security, OOAD

➢ Teaching Experience: 5 Years

➢ Publications: 6 (National & International Journals)

Ms. Kalyani Tiwari, B.E. (CSE), M.E. (CSE),

Assistant Professor, Computer Science & Engineering

➢ Specialization: BCE , Soft Computing

➢ Teaching Experience: 6 Years

➢ Publications: 4 (National & International Journals)

Mr. Yash Parashar, B.E. (IT), M.Tech. (CSE)

❑ Specialization: Image Processing, Web Technologies

❑ Industrial Experience: 4 years

❑ Publications: 2 (National & International)

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Ms. Ritumbara Chauhan, B.E.(IT) M.E.(CSE)
- Specialization: Database management system, Data Mining, Internet of Things
- Teaching Experience: 1 Years 3 Months
- Gate and NET Qualified

Ms. Megha Birthare, B.E. (IT), M.TECH. (CSE)
Asst. Prof., Computer Science & Engineering
Indore Institute of science and technology ,Indore)
- Specialization: Information Technology, Software Engineering
- Teaching Experience: 1 year
- Publications: 2 (International Journals)

Ms. Prachi Gupta, B.Tech(CSE), M.E. (CSE)
- Specialization: Data Structure, Algorithm
- Gate Qualified
- Publications: 1(UGC approved)

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Distinguished Alumni
Alumni as a Naval Officer....
Lieutenant Rishabh Raghuvanshi (2016 Batch)

• Rishabh Pandey and Shubham Gupta,Founder of Robo Inventors.... Robo Inventors is a start-up embedded based Software Company located in Indore, Madhya Pradesh and was established in the year 2016 by Rishabh Pandey and

Our alumini Aditya raj Barnwal &Akshay Mishra

Our Alumini Akshay Mishra,Aditya raj Barnwal & Anushtha Shriwastava got certificate from DSP Office for launching their AID safety Application and submit it to DSP office .

Success Story of Students

Deepangi Joshi

"If you want to succeed you should strike out on new paths, rather than travel the worn paths of accepted success". It gives me immense pleasure to thank my parents whose value and teaching brought me here. Next I would like to say thanks our respected DG sir- Mr. Arun S Bhatnagar for his kind support, continues guidance, even his flawless hard work, which made a drastic change in the culture and environment of the institution. I feel blessed to have with us the best Principal sir Dr. V.R. Raghuveer who believed in me and motivated me to do small things in great ways. Appreciation gets more for the efforts put by him, in opening various SIG (special interest group),and even for organizing various aptitude and mock interview sessions which helped a lot to bring out the best within us. Thank you for getting me placed into well known MNC like "Jaro Education", "Extramarks", "Lancesoft" and still encouraging me to walk further more in this way. I would also thank my ever supportive faculties, other staff members and as well as my friends who helped me selflessly in this beautiful journey, from the step one in campus to the first step in the corporate world as being an engineer.

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Farha Akhtar

"The role of a GREAT LEADER is not to give greatness to human beings, but to help them extract the greatness they already have inside them" and You do it the perfect way our DG sir, Shri Arun S Bhatnagar DGI feel immense pleasure to be a part of IIST family. Being a part of DG sir's teachings and learning his thoughts. It makes me proud to stand out loud in praise of IIST, where from teachers to the supporting staff is always ready to help, and they'll walk that extra mile for us everywhere, every time. I've been placed in dream companies like TCS, Wipro, Extramarks and this is all because of the different technical steps which were taken by our DG sir. From technical guidance to placement training to the mock interview sessions have collectively helped us to bring out the best within us. Once again I would like to thank Our DG sir, our placement cell and all our dear teachers for being with us in this journey of our engineering....

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Gurpreet Singh Chera

It is my pleasure to be placed in "Jaro Education" company at a package of 12 lakhs per annum and all this is possible by the hardships and continue efforts of IIST's faculty , staff and management. Over the period of these 4 years, the institute have taught me many lessons, showed me the right path and direction to get better each day and because of the same reason I am able to take positive forward step towards my golden future. Also, I am very pleased to write this down as I want to express my gratitude to the whole team, specially to the Principal and HOD for believing in me. The kind of support and faith during those years has boosted my confidence which helped me to crack the multiple rounds of interviews. Several competitions and events held at IIST throughout the year groomed my personality in every way leading to cut through all strenuous task. I would also specially like to thank our respected DG Sir, Mr. Arun Bhatnagar for his munificent nature and understanding the psychology of every student, understanding their needs and requirements and his continues endeavors brought a drastic change in this institution resulting to elevate the performance at individual level. Plus I also appreciate the efforts put by him by opening various student driven clubs and rewarding talented students with various accolades. I really value the moral principles I learnt here and respect everyone who taught me the same. The culture and environment at IIST is very friendly and energetic and I would definitely recommend the upcoming generations and juniors to take the best advantage of the skills that everyone posses. I coin IIST as the best institute in Indore and I wish the future students very best luck for their future endeavors.

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CSE NEWSLETTER

15 Years of
Engineering a
World
of Change

2018-19

Parent's Interview

"Interview of Mr. Ravindra Singh Raghuvanshi, Father of Rishabh Raghuvanshi, Student of IIST (CSE)"

Q1. Sir,What did you expect from your ward?
Ans:- As parents we have always wished for best future of our child and we also wanted all of his dreams to come true. By his hard work and determination he made his dream come true by getting selected in TCS and also in Indian Navy.

Q2. Sir, What were your expectation from IIST?
Ans:- We still remember the time when we had to choose an engineering college for our son and we were visiting various colleges of Indore. But when we visited IIST, we found that the college belongs to well known SHAIL GROUP OF INSTITUTIONS, which is a centre of excellence in practice and in principle. We found good infrastructure, laboratories and facilities at IIST but above all there was good faculty team and a nice environment for studies.

Q3. Did IIST meet your expectations.
Ans:- Rishabh scored good marks in all the semester due to supportive faculties and staff. He was counseled, coached and mentored on a regular basis. Beside academics, college provided training on personality development, aptitude and communication skills, This has helped him in grooming his overall personality and thus he got selected in TCS (Tata Consultancy Services) and also in INDIAN NAVY. We thank the institute, faculties and all the staff members of IIST for providing the best possible guidance to our son and helping him in achieving his goals.

"The miracle of children is that we just don't know how they will change or who they will become."
Eileen Kennedy-Moore

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Why One Should Prefer

IIST — Indore Institute of Science & Technology
IIMR — Indore Institute of Management & Research
IIP — Indore Institute of Pharmacy

Research Avenues for Futuristic Technology

IoT (Internet of Things) | (Apple) iOS App Development | Artificial Intelligence | Robotics | Android | Cloud Computing | Data Analytics | Aero Modeling | Waste Water Treatment | Water Harvesting

MoUs for Bridging the Gap Between Academia & Industry for Certificate Courses

Red Hat Academy | aws academy | Microsoft Imagine Academy

MoUs for Placement

MyAnatomy | CIS We make IT possible | NEXT VENTURES Global Technology Staffing Solutions

Career Development Cell
360° Personality Grooming through Soft Skills, G.D., Personal Interviews, Aptitude & Foreign language. Free in-house coaching for GRE/GMAT/GATE.

Green Waves Movement
Organic Farming of Vegetables/grains to cater the need of college canteen. Plantation to enhance Bio-diversity.

Towards Holistic Development
19 Clubs constituted for Academic / Extra Curricular / Sports Activities.

Centre for Application of Research in Engineering (CARE)
for Entrepreneurship Development & Incubation Center in Association with NEN & AIFMB.

Tie-up with IIT Delhi(Virtual Lab) & IIT Bombay(e-yantra Lab)

Specialized online platform based training on Programing Languages.

For any query & Admission enquiry - **Toll Free - 1800 103 3069** | 822 507 1000 | 2000 | 3000
822 407 1000 | 2000 | 3000

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CSE NEWSLETTER

2018-19

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Marching towards excellence

Indore Institute of Science and Technology has taken number of initiatives to bring in academic excellence by collaborating with various IITs and many reputed multinationals.

VIRTUAL LAB OF IIT DELHI

IIT Delhi has designated Indore Institute of Science and Technology as the nodal center for their Virtual Labs. These labs will cover all basic branches of engineering and science. Faculty Mr. Tanmay Das, Mr. Prateek Sharma & Mr. Ashish Mudgil from IIT Delhi had visited IIST to brief and train faculty and students on the Virtual Labs. Dr. Joy Banerjee, Nodal Cordinator, Dr. Saurabh Jain along with two faculty members of IIST had gone to IIT Delhi for training on operation of Virtual Labs. Subsequently our nodal center will organize workshops for students and faculty members of nearby institutions. Virtual Labs will enable the students to perform experiments remotely as an on – demand service over the web.

IPDC OF IIT KANPUR

iPDC (i3indya Propeller Display Challenge) is a national level competition on Propeller Display Technology hosted by Techkriti 2015, IIT Kanpur with i3indya Technologies for the first time in India. Preliminary competititon was conducted across 8 cities of India. IIST was the nodal center for Indore. Students of IIST were shortlisted and presented their project at IIT Kanpur during final event.

E– YANTRA OF IIT MUMBAI

e-Yantra is a project, sponsored by Ministry of Human Resource Development (MHRD) in association with National Mission on Education through ICT (NMEICT). The project is spearheaded by IIT Bombay to spread knowledge Embedded systems and Robotics. e-Yantra Lab set-up Initiative (eLSI) supports the infrastructure creation at colleges by providing a platform for training teachers both in theory and applications of Robotics. IIST is the nodal center of the project in Indore. Students are being given hand-on training on embedded system and robotics.

QEEE OF IIT CHENNAI

Quality Enhancement in Engineering Education (QEEE) programme of IIT Madras is an initiative of Ministry ofHuman Resources Development with the objective to bring out favorable changes in improving the quality of technical education. IIST is the only college from entire Madhya Pradesh who has participated in the programme with over 1000 students and faculty attending it on regular basis. Best of IIT Madras faculty had given training during the on going session. Many of our students have won prizes in the various competitionsorganized by the forum and received certificate for successful participation in the programme. IIT Madras has acknowledged IIST as the proactive member of the programme.

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RESOURCEFUL Academia @IIST

SPOKEN TUTORIAL OF IIT BOMBY

IIST is partner of IIT Bombay's free software Training in distance learning mode. The spoken Tutorial is a magical Audio Video teaching tool promoting ICT enabled learning. Though computer based, the learning and practice is completely offline once the courses are downloaded. Students can listen, pause, rewind, fast forward as per their progress and in an interactive manner. All Students are awarded certificates after training. Many software like Linux & Ubuntu, Scilab, Python, PHP, MySQL, C, C ++, Java and Netbeans, Java Business Application, LaTeX and many more can be learnt using this tool.

COLLABORATION WITH NASSCOM

IIST has signed a MoU with NASSCOM (SSC -NASSCOM) to launch the Global Business for Foundation Skills (GBFS) and Foundation Skills in IT (FSIT) program. The strategic alliance aims to offer GBFS & FSIT program to all undergraduate students as an add-on course to enhance the employ ability skills of these students. The MOU with SSC-NASSCOM includes. Global Business Foundation Skills (GBFS) 2.0 with the objective to facilitate the development of basic skills in students, to help enhance their employability at the entry level in the BPM companies and Foundation Skills in Information Technology (FSIT) to facilitate the acquisition of skills required in the IT industry today.

VISUAL PARADIGM

IIST is a partner in the Visual Paradigm Academic Program of the US based company. This is a design & management tool for business IT system development. Visual Paradigm is used to conduct teaching and learning of different UML, BPMN and SysML Models. Special focus is given to analysis and design phases of the student project.

Our institutions enjoy superior facilities as mentioned below and provide the desired environment for holistic development of students at our CSE Department

⇒ Renowned faculty with considerable experience in teaching and industry.

⇒ Accreditation for campus placement by leading corporate.

⇒ NBA accreditation of the department.

⇒ Industry specific curriculum.

⇒ E-Learning & teaching.

⇒ Rich library with large number csf books and journals of national and international repute.

⇒ All possible indoor and outdoor sports facility.

⇒ In campus hostel for boys and girls.

⇒ Language laboratory for enhanced communication & Personality Development Programme for soft skill training.

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Riddles

1. Beth's mother has three daughters. One is called Lara, the other one is Sara. What is the name of the third daughter?

2. Using only addition, how do you add eight 8's and get the number 1000?

3. The more you take, the more you leave behind. What are they?

4. What never asks questions but is often answered?

5. I am an odd number. Take away one letter and I become even. What number am I?

6. My name is Ruger, I live on a farm. There are four other dogs on the farm with me. Their names are Snowy, Flash, Speedy and Brownie. What do you think the fifth dog's name is?

7. Two mothers and two daughters went out to eat, everyone ate one burger, yet only three burgers were eaten in all. How is this possible?

8. What starts with the letter "t", is filled with "t" and ends in "t"?

9. What belongs to you but other people use it more than you?

10. A cowboy rides into town on Friday, stays for three days, then leaves on Friday. How did he do it?

11. If an electric train is going east at 60 miles an hour and there is a strong westerly wind, which way does the smoke from the train drift?

12. What can run but can't walk?

Answers

1. Beth
2. 888 + 88 + 8 + 8 + 8 = 1000.
3. Footprints.
4. A doorbell
5. Seven (take away the 's' and it becomes 'even')
6. Ruger
7. They were a grandmother, mother and daughter.
8. A teapot
9. Your name.
10. His horse's name was Friday.
11. There is no smoke coming from electric trains.
12. A drop of water.