CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

AFFILIATED TO OSMANIA UNIVERSITY

DEPARTMENT OF INFORMATION TECHNOLOGY
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Editorial Board - Kratika Sharma (Assistant Professor), Student Coordinators - Shivani Datha (160117737080)

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Our Vision

To be a center of excellence in the field of information technology that yields pioneers and research experts who can contribute for the socio- economic development of the nation.

Our Mission

To impart state-of-the-art value-based education in the field of Information Technology.

To collaborate with industries and research organizations and excel in the emerging areas of research.

To imbibe social responsibility in students.

To motivate students to be trend setters and technopreneurs.

1. CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Events Organized

- Ms. K. Swathi and Mr. U. Sai Ram organized **"BOT ASPIRANT"** Robotic Process Automation on 22nd of February 2019 in association with CBIT and Automation Anywhere for Robotic Process Automation (RPA) initiatives.

- In Collaboration with CSE department, COSC organized a Session on "**Web Development**" on 09 Feb 2019.

- In Collaboration with CSE department, COSC organized a Session on "**Python 101**" on 19 Jan 2019.

- In Collaboration with CSE department, COSC organized a Session on "**AI/ML**" on 09th March 2019.

Workshops Attended

- Ms. Katta Sugamya and E. Ramalakshmi attended two-day workshop TECHTARA organized by CBIT Engineering College, Hyderabad during 6th to 7th March 2019.

- E. Ramalakshmi attended one-week STTP on "NBA Accreditation" organized by NITTTR Kolkata during 22nd to 26th April 2019 at CBIT Engineering College, Hyderabad.

- Mr. U. Sai Ram completed 3 hours of learn the Fundamentals of Networking online Course on 26.01.2019.

- Ms. KNVS. Sridevi attended 5 day online STTP on 'NBA Accreditation' during 22/4/19 to 26/4/19 at CBIT in association with National Institute of Technical Teachers Training and Research (NITTTR), Kolkata.

- Dr. Pragati Priyadarshinee has attended One week Faculty Awareness Program on "Contemporary Research and IPR" by JNTU, Hyderabad from 28th Jan to 1st Feb, 2019.

- Mr. P.Vasanthsena, attended three days workshop on "Recurrent Nueral Network-An Approache to Deep learning" organized by department of CSE,KHIT-JNTUK ,on 14th and 16th May 2019.

2. PAPER PUBLICATIONS BY FACULTY

International Journals

- **Mr. K. Gangadhara Rao**, published a paper entitled "A Neural based Visual Processing System for Automatic Detection and Recognition of Road Signs from Live Video Feeds" Volume 11 Issue No.3, March 2019, 1943-023X, SCOPUS, SJR Indexed.

- **Dr. K. Radhika**, Dr. D. Madhavi Latha, published a paper entitled "Machine Learning Model for Automation of Soil Texture Classification", Indian Journal of Agricultural Research (IJAR), Volume 53, Issue 1, pp.78-82, February, 2019 (Scopus Indexed).

- **M Trupthi, Dr. Suresh Pabboju**, Narsimha Gugulotu, published a paper entitled "Deep Sentiments Extraction for Consumer Products using NLP Based Technique" Advances in Intelligent systems and Computing (AISC, volume 898), 14th February 2019.

- **Mr. U. Sai Ram** Published a paper entitled "A Review on Block chain Technology" in RR Journals with volume 04, issue-01, ISSN no 2455-3085, PP: 498-501 in January-2019.

- **Dr. D. L. Sreenivasa Reddy**, published a paper. entitled "Cluster Sampling to Improve Classifier Accuracy for Categorical Data", International Journal of Applied Engineering Research, 0973-4562 Volume 14, Number 13 (2019) pp. 2995-3002.

- **Dr. D. L. Sreenivasa Reddy**, paper entitled "Cluster Sampling to Improve Classifier Accuracy for Numerical Data" to publish in International Journal of Recent Technology and Engineering (IJRTE) Volume-8 Issue-2, 2019.

- N. Sai Nikhita, V. Hyndavi and **Trupthi M** "Detection of Inappropriate Anonymous Comments Using NLP and Sentiment Analysis "Learning and Analytics in Intelligent Systems LAIS volumes 3, Springer LAIS 3, pp. 1–8, 2020, 13th July 2019.

- **Mr SanthoshV**, Mr T.Divya Goutham, Mr Phanindranath P and Ms K.Ramya Krishna, published a paper entitled "Enhanced rating prediction based on location and friend set " in UGC approved journal JETIR May 2019, Volume 6, Issue 5 (ISSN-2349-5162).

- **Mr. S. Rakesh** published a paper entitled "Facial Emotion Detection using Convolution Neural Networks" in International Journal of Computer Science and Engineering, Volume 8, Issue 3, Apr-May 2019.

- **Mr U. Sai Ram**, published a paper entitled Technology Fundamentals of Block chain and Consideration for Block chain Security" in IJRTE (Scopus Journal) with ISSN: 2277-3878, Volume-8, Issue- 1C2, and May 2019.

International Conferences

- **Dr. K. Radhika** presented a paper titled "Load Balancing in Cloud through Multi objective Optimization", at the International Conference on Emerging Trends in Engineering organized by Osmania University on 22nd March 2019.

- **Katta Sugamya, Pabboju Suresh**, A Vinaya Babu, Akhila, Rakshitha presented a paper entitled "CBIR using SIFT with LoG, DoG and PCA" in,3rd International Conference on Data Engineering and Communication Technology (ICDECT-2019) at SCETW, during 15th &16th March 2019.

- **N. Sai Nikhita, V. Hyndavi and Trupthi M** "Detection of inappropriate Anonymous Comments using NLP and Sentiment Analysis" in International Conference on Emerging Trends in Engineering (ICETE), organized by University College of Engineering, Osmania University, Hyderabad during 23rd March 2019.

- **E. Ramalakshmi** presented a paper titled "Digit Recognition in Python using Neural Networks" in the International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC-2019) organized by Sri Chandra sekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram, Tamilnadu during 30th & 31st January 2019.

- **E. Ramalakshmi** presented a paper titled "Prediction of Employee Attrition and analyzing reasons: using Multi-Layer Perceptron in Spark" and published in Springer book series "ICICCT 2019-System Reliability, Quality Control, Safety, Maintenance and Management" PP 183-192, ISBN: 978-981-13-8461-5, on 28th June 2019.

- **Mr K.Gangadhara Rao** ,presented a paper entitled "Automatic detection and recognition of road signs from live video feed " in International Conference On Engineering And Advancement In Technology 2019 (ICEAT'19) organization Of Science And Innovative Engineering & Technology (OSIET) In association with Lords Institute of Engineering & Technology & IEEE Madras chapter during 9th &10th April, 2019.

3. BOOK CHAPTER PUBLICATIONS BY FACULTY

- **Ms. B.Veerajyothi**, Published a book titled "Internet of Things and Applications" by Lambert Academic Publishers during May 2019.

4. PATENT

- **Dr. D.L. Sreenivasa Reddy**, Patent Application published: Fuzzy Neural Network-Based Pid Control System and Method Thereof for Industrial Process Control with application Number: 201941024479, Dated: 28/6/2019.

5. ACHIEVEMENTS

Student Achievements

- Three teams from the department of IT, CBIT were shortlisted for the Grand Finale of the '**SMART INDIA HACKATHON-2k19'** software edition (World's biggest open Innovation Model) a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country. It's a non-stop 36-hour Hackathon which is a product development competition, where problem statements are posed to technology students for innovative solutions, which was organized by MHRD on 1st and 2nd of march 2019.

- Eight teams applied for SIH-2019 from Dept. of IT.

- Four teams short listed to participate.

- Two teams stood first (Cash prize worth Rs. 1,00,000 and Rs. 50,000)

- One team stood second (Cash prize worth Rs. 50,000)

- One team stood third.

- Nodal Centers: NIT Patna, IIT Roorkee, Banaras Hindu University.

Team #1 (Winners)

- Team Name: BroCode$
- Team Members:
  - 160115737035 – V. Anirudh
  - 160116737064 – T. Charitha
  - 160116737066 – V. Hyndavi
  - 160116737076 – N. Sai Nikhita
  - 160116737082 – K. Vanitha
  - 160116737122 – Divyanshu A

Problem Statement ID: UK1
Organization: ARAI
Complexity: Complex
Category: Software
Technology Bucket: Smart Communication
Organization Type: Industry Personnel
Nodal Center: NIT Patna
Winning amount: Rs. 1,00,000

Problem Statement: Automated Adverse Road Condition Detection

Team#2 (Winners)

- Team Name: Teleos
- Team Members:
  160116737101-K Prathyush
  160116737104-R Revanth Kumar
  160116737117-Vsvs Varma
  160116733129-Velpula Harshitha Patel
  160116733137 -Sai Harika Bandarupally
  160116733142-Shreya Raj

Problem Statement :
Time and Productivity Analysis

Problem Statement ID: RV7

Organization: KGIS

Complexity: Simple

Category: Software

Technology Bucket: Web App Development

Organization Type: Industry Personnel

Nodal Center: IIT Roorkee

Winning amount: Rs. 50,000

Kony Hackathon S.Harika (160116737065), A.Shruthi (160116737079), R.Sangeetha (160116737078), won First Prize in Feb,2019

Dr. P. Ravinder Reddy, Principal, CBIT presenting goodies and certificate to I prize winners - Team Sparkling Newbies- App LifeSaver

- Rohan Bolusani (160116737050), ZiaUddin (160116737043), Neelkanth P(160116737044) won SECOND PRIZE on Feb,2019.

Dr. P. Ravinder Reddy, Principal, CBIT presenting goodies and certificate to II prize winners - Team Hack-In-The-North - App College Market Place

- Hemanth Reddy L, Kavya N& Akhila J, presented a paper on "Digit Recognition in Python using Neural Networks" in International Conference on Electrcal, Communication, Electronics, Instrumentation and Computing (ICECEIC-2019) organized by Sri Chandrase kharendra saraswathi viswa Mahavidyalaya, Enathur, Kanchipuram, Tamil Nādu during 30th & 31st January 2019.

- Sindhuja Reddy Kamidi, published a paper titled "Prediction of Employee Attrition and analyzingreasons: using Multi-Layer Perceptron in Spark" Springer book series ICICCT 2019 – System Reliability, Quality Control, Safety, Maintenance and Management" PP 183-192, on 28 June 2019.

- Sindhuja Reddy Kamidi (16014737027) published a paper on Prediction of Employee Attrition and analyzing reasons: using Multi-Layer Perceptron in Spark" during 10th & 11th January 2019.

- Akhila Jakkam(16015737061), Kavya(16015737066) and Hemanth Reddy(16015737096) published a paper on Number plate Recognition using neural networks and Digit Recognition using neural networks in ICECETC-2019.

- Mr Avinash B and E Sriharsha of 4/4 IT published a paper titled "Facial Emotion Detection Using Convolution Neural networks" in IJCSE, ISSN:2278-9979, Vol 8, Issue 3, April/may 2019.

- Vigna Sree T (160115737082) won First place in Inter College Chess Championship, First place Chess Competition in Shruthi 2K18 and participated in Asian universities chess Championship on Feb, 2019.

Faculty Achievements

- **Mr. Gangadhara rao, Mr. Rajesh Kannan, and Mr.U Sai Ram**, Developed a web portal to track faculty achievements.

- **Dr. K. Radhika** is one of the organizers for conducting a 5-Day Short Term Training Program on NBA Accreditation sponsored by NITTTR, Kolkata during 22nd to 26th, April, 2019.

- **Ms. T. Prathima**, Faculty coordinator for Kony Hackathon App Challenge 2019 held in CBIT during 18.02.2019 to 20.02.2019.

- **Ms. T. Prathima**, Judge for Kony Hackathon App Challenge 2019 held in CBIT during 18.02.2019 to 20.02.2019.

- **Ms. T. Prathima**, mentored the teams from VI Semester H2, to prepare for Smart India Hackathon.

- **Dr. D.L. Sreenivasa Reddy**, supervising Seven Research Scholars, registered under OU.

- **Mr. M.Venugopala Chary**, appointed as an Associate Professor Regular on July 2019.

- **Ms. A.Sirisha**, completed NPTL course on Machine Learning with Science and Engineering applications in May 2019.

- **Ms. K Swathi**, qualified UGC-NET with 92 Percentile for Assistant Professor on June-2019.

- **Ms. Satya Kiranmai** appointed as an Assistant professor Regular on 24th June 2019.

- **Ms. Kratika Sharma**, appointed as an Assistant professor Regular on 24th June 2019.

- **Mr. U Sai Ram**, appointed as an Assistant professor, Regular on 24th June 2019.

- **Mr. S.Rakesh**, appointed as an Assistant professor, Regular on 24th June 2019.

- **Mr. Vasantha Sena** cleared his Pre-Ph.D. and RRM-I at JNTUH.

6. PLACEMENTS

Name of the Company	Annual Package in Lakhs	No. of Students Placed
JPMC	11	40
Service Now	10.9	1
Byjus	10	1
Oracle	9	3
Infosys (power programmer)	8	1
DBS	7.5	6
TCS digital	7	1
NCR	6.5	3
Deloitte	6.2	9
GE Applicances	6.2	2
Wells Fargo	5.5	4
Hexagon	5.5	2
Infosys (system engg)	5	2
Merylitics	4.6	1
Hitachi	4.5	1
	Total Placements	**201**
	Total Students Placed	**112**