INFORMATION TECHNOLOGY

VOLUME-15 TOGETHER

WE DO



ELURU

టి నిలిచి

ETERNAL LEADING INFORMATION TECHNOLOGY ENGINEERS

SIR C R REDDY COLLEGE OF ENGINEERING Affiliated to jntuk, accredited by NBA West godavari dist, eluru-534007





NEWS LETTER

DEPARTMENT OF INFORMATION TECHNOLOGY

2020-2021 ISSUE 1

Frequency: Yearly

Editorial Board:

Editor:

Dr. S Krishna Rao,

Head of the Department

Staff Coordinator

G.Vihari,

Assistant Professor

Student Body

K Hemalikitha

- J Alekya
- D Nani Babu
- **S** Choudary

Inside This Issue

Workshops/Guest Lectures Organized by the Department

Student Participations

Student Achievements

Workshops/Conferences Attended by Faculty

Faculty Publications/Awards

Placements

DEPARTMENT VISION AND MISSION



VISION

To be a premier department in the region in the field of Information Technology through academic excellence and research that enable graduates to meet the challenges of industry and society.

MISSION

- To provide dynamic teaching-learning environment to make the students industry ready and advancement in career.
- > To inculcate professional and leadership quality for better employability and entrepreneurship.
- To make high quality professional with moral and ethical values suitable for industry and society.

ABOUT THE DEPARTMENT

Information Technology is the most flourishing and extremely pervasive discipline that is witnessing an unprecedented Innovation in Technologies for Communication, Computation, and Interactivity. The Information Technology Department in SIR CRRCOE started its journey in the year 2000 with an intake of 60 students. We now have strong Undergraduate Program with an annual intake of 120 students.

The Department of Information Technology is committed to excellence in Teaching, Research and provides the right echo system for nurturing the budding professional skills of students. The Department has well experienced staff with doctorates & M.Tech qualification. The Department is equipped with state-of-theart Laboratories and provides enhanced Learning Facilities for students, to engage in Continuous Learning and Research. The students are imparted with Industry Relevant skills, which help them to get placed in world-class Organisations and for further excellence throughout their Professional careers.

Workshops, Guest Lectures and FDP's Organized





Academic toppers

| S.No. | Register No. | Name of the Student | Branch & Year | SGPA/Type of achievement |
|-------|--------------|-------------------------------------|---------------|-------------------------------|
| | | I - Semest | er | |
| 1 | 17B81A1257 | Madhyahanapu Sri Ramyakrishna | I.T & IV/IV | 9.09 I st Position |
| 2 | 17B81A1249 | Konkimalla Hema Likhitha | I.T & IV/IV | 8.91 I st Position |
| 3 | 17B81A1248 | Kondasani Lakshmi Chaitanya | I.T & IV/IV | 8.77 2 nd Position |
| | | II - Semest | er | |
| 1 | 17B81A1237 | Jaddu Gowthami Sai Naga Alekhya | I.T & IV/IV | 9.13 I st Position |
| 2 | 17B81A1249 | Konkimalla Hema Likhitha | I.T & IV/IV | 9.13 I st Position |
| 3 | 17B81A1255 | Lade Badaree Nadh | I.T & IV/IV | 8.7 2 nd Position |
| 4 | 17B81A1257 | Madhyahanapu Sri Ramyakrishna | I.T & IV/IV | 8.7 2 nd Position |
| | | I - Semester | | |
| 1 | 18B81A1241 | Kasireddy Jyothirmai | I.T & III/IV | 9.14 I st Position |
| 2 | 18B81A1231 | Gogineni Gayatri Chowdary | I.T & III/IV | 8.95 2 nd Position |
| 3 | 18B81A1204 | Athota Pooja | I.T & III/IV | 8.86 3 rd Position |
| 4 | 18B81A1245 | Kolluru Meghana | I.T & III/IV | 8.86 3 rd Position |
| | | II - Semester | | |
| 1 | 18B81A1231 | Gogineni Gayatri Chowdary | I.T & III/IV | 8.40 1 st Position |
| 2 | 18B81A1298 | Vegirowthu Sri Satya Deepthi | I.T & III/IV | 8.40 1 st Position |
| 3 | 18B81A1241 | Kasireddy Jyothirmai | I.T & III/IV | 8.30 2 nd Position |
| 4 | 18B81A1245 | Kolluru Meghana | I.T & III/IV | 8.30 2 nd Position |
| 5 | 18B81A1259 | Nadella Devi Harshitha | I.T & III/IV | 8.2 3 rd Position |
| 6 | 18B81A1257 | Mukkavilli Subrahmanya Aditya Kumar | I.T & III/IV | 8.2 3 rd Position |
| 7 | 18B81A1260 | Nadella Sri Vyshnavi | I.T & III/IV | 8.2 3 rd Position |
| | <u> </u> | I - Semester | | |
| 1 | 19B81A1286 | Pallela Bala Siva Naga Vineela | I.T & II/IV | 8.50 1 st Position |
| 2 | 19B81A1290 | Patibandla Lakshmi Priya | I.T & II/IV | 8.21 2 nd Position |
| 3 | 19B81A1216 | Chakka Sushmitha | I.T & II/IV | 8.14 3 rd Position |
| | | II - Semester | | • |
| 1 | 19B81A1249 | Kilaparthi Kanchana Sindhu | I.T & II/IV | 8.35 1 st Position |
| 3 | 19B81A12C6 | Yarra Mani Deepika | I.T & II/IV | 8.30 2 nd Position |
| 4 | 20B85A1201 | Atluri Sai Anusha Reddy | I.T & II/IV | 8.30 2 nd Position |
| 5 | 19B81A1216 | Chakka Sushmitha | I.T & II/IV | 8.20 3 rd Position |

Student Achievements



Two students, D.K.Syamala & Ch.Gopi Naga Sai Ram from final year IT developed a department related project titled "Online Time Table Generator" along with their Project guide Dr.N.Sameera for the use of academic time table planning.

End exam Results



| ACADEMI | SEM | APPEARED | PASS | PASS | APPEARED | PASS | PASS | APPEARED | PASS | PASS |
|---------|-------|----------|------|-------|----------|------|-------|----------|------|-------|
| C YEAR | | | | % | | | % | | | % |
| | SEM-1 | 2 | 4-1 | | | 3-1 | | 2 | 2-1 | |
| 2020-21 | | 94 | 74 | 78.7% | 101 | 75 | 74.2% | 136 | 65 | 47.7% |
| | SEM-2 | 2 | 4-2 | | | 3-2 | | 2 | 2-2 | |
| | | 94 | 81 | 86.1% | 101 | 83 | 82.1% | 134 | 87 | 64.9% |

FACULTY ATTENDED FDP/WORKSHOPS/SEMINARS



| S.No | NAME OF FACULTY | ATTENDED WORKSHOP/STTP/FIP/FDP | study / improve |
|-------|----------------------|--|-----------------------------|
| 5.110 | NAME OF FACULT | | |
| 1 | Dr S.KRISHNA RAO | Python Programming-A Case study Driven | 1st July 2020 to 10th July |
| | | Approach Skill Development Programme | 2020 |
| | | AICTE Sponsored STTP on "Practicing Cloud | |
| | | Computing wih AWS" conducted by Departments | |
| | | of CS&IT and CSE, K L Deemed to be University. | 20.9.2021 to 25.9.2.21 |
| | | 5-Day online FDP on the theme " Inculcating | |
| | | Universal Human Values in Technical Education" | |
| | | organized by All India Council for Technical | |
| 2 | Dr G.CHAMUNDESWARI | Education (AICTE). | 28.07.2021 to 2.08.2021 |
| 2 | DI G.CHIMIONDES WINN | AICTE -ISTE approved Orientation/Refresher | |
| | | Programme ON "Advanced Emerging Trends in | |
| | | CSE & IT", Organised by Usha Rama College of | |
| | | Engineering, Telaprolu. | 23.03.2021 to 30.03.2021 |
| | | Online Webinar " Awareness About NBA | |
| | | Accreditation", Organized by Ganpat University, | |
| | | Faculty of Computer Applications. | 13.02.2021 |
| | | AICTE sponsored one-week online STTP on | |
| | | "Practical Exposure on Machine Learning and Data | 26th April to 1st May, 2021 |
| | | Science" organised by Dept. of ECE, GPREC(A), | 20th April to 1st May, 2021 |
| | | Kurnool | |
| | | AICTE sponsored online STTP program on "Recent | |
| | | Trends in CSE Phase-III" organised by Dept. of | 22-3-2021 to 27-3-2021 |
| | | CS&E, St. Mary's Women Engineering College. | |
| | | Webinar on "Different Cyber Frauds and Social | |
| | | Media Usage" organised by National Service | |
| | | Scheme Cell, Faculty of Engineering and | 22nd March 2021 |
| | | Technology, JAIN, Bangalore | |
| 3 | Dr. N.SAMEERA | | |
| | | | |
| | | Webinar on, "Safeguarding Against Malware and | |
| | | safety of Mobile Apps", organized by National | |
| | | Service Scheme Cell, Faculty of Engineering and | 17th March 2021 |
| | | Technology, JAIN (Deemed-to-be University), | |
| | | Bangalore | |
| | | | |
| | | webinar on "Introduction to Machine Learning", | 1st to 3rd Dec. 2020 |
| | | organised by VIGNAN's CSE Dept | |

-

| one-week AICTE Training And Learning (ATAL) Academy online FDP on "Cyber Security", organised by Sri Jayachamarajendra College of Engineering. | 23rd to 27th November 2020 |
|---|---|
| One Week Short Term Training Program, STTP on "Data Science for Bigdata Analytics in Cloud using Advanced Tools" organized by Department of Computer Science and Engineering, Chaitanya Bharathi Institute of Technology (Autonomous) | 23rd - 28th November 2020 |
| virtual training program on "IoT and Applications", conducted by EXCELR SOLUTIONS | 2nd, 3rd, 4th, 6th and 9th Nov., 2020. |
| virtual training program on "Simplifying Data Science with Machine Learning", conducted by EXCELR SOLUTIONS | · 28th Sept. to 12th oct., 2020. |
| 15 days online FDP on "Data Science & its Applications in STEM", organised by Andhra University College of Engineering (A) and JNTUK- Vijayanagaram in association with APSCHE. | 7th to 21st September 2020 |
| virtual training program on "Data Science Masters in 11 hours", conducted by EXCELR SOLUTIONS | • 5th, 6th and 12th Sept., 2020. |
| webinar on "Python for Machine Learning, Artificial Intelligence and Data Sciences" organised by Department of CSSE, GITAM School of technology, Bengaluru | 6th September, 2020. |
| webinar on "Cyber Threats and Data Breaches" organised by Department of Computer Science and Engineering, SRKR Engineering College | 29th August, 2020 |
| online FDP on "Intellectual Property Rights", conducted by TATA CONSULTANCY SERVICES | 26h to 28th Aug, 2020 |

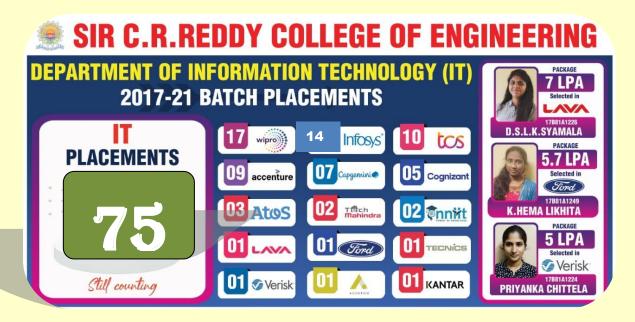
| | | e-Faculty Training Program on "ML Technologies for Social Media Analytics" organised by IIT Guwahati under ISEA project phase-II | • 19th to 23rd August, 2020. |
|---|------------------|---|---|
| | | 15-days online workshop on "Applications of Data Science for Industries Problem through Python", conducted by EXCELR SOLUTIONS | • 10th to 28th Aug, 2020. |
| | | workshop on "Dart Programming Language" organized by Department of Information Technology, SIR C R REDDY COLLEGE OF ENGINEERING in association with Brainovision Solutions India Pvt. Ltd | · 27/07/2020 |
| | | AICTE-ISTE approved Orientation/ Refresher program on "Advanced Emerging Trends in CSE & IT" organised by Usha Rama College of Engineering and Technology, Telaprolu, KRISHNA Dist., AP | 23rd March to 30th March, 2021 |
| | | AICTE sponsored one-week online STTP on "Practical Exposure on Machine Learning and Data Science" organised by Dept. of CSE, Lakireddy Balireddy College of Engineering | 29th May to 2nd June, 2021. |
| | | AICTE sponsored STTP on "Practicing Cloud Computing with AWS" conducted by Dept. of CS&IT and CSE, KL Deemed to be University | • 20th September to 125th September, 2021. |
| | | One week national workshop on AI &b ML by Chalapthi Institute of Engg and Tech | 13-07-2020 to 18-07-20 |
| 4 | T.SATYA NAGAMANI | 5 day FDP on Data Handling and Data Visualization using Python by KKR & KSR Institute of Tehcnology and Sciences | 13-07-20 to 17-07-2020 |
| | | Online FDP on Cloud Technology by ATAL | 2-11-2020 to 6-11-2020 |

| 5 | | Workshop on Applications on Python Programming in NLP and Data science by JNTUK university of college of Engineering,Vijayanagaram | 10/4/2020 |
|---|------------------|--|------------------------------------|
| | G. KRISHNAVENI | FDP on cyber Security (ATAL Academy) by Galgotias College of Engineering and Technology | 5-10-20 to 9-10-20 |
| | | FDP on CLOUD Technology (ATAL Academy) by Government Engineering college,Gandhi Nagar | 2-11-20 to6-11-20 |
| | | One Week FDP on Multi Technologies by SIR CRR COE in Association with Brain O vision | 28-6-21 to 3-7-21 |
| | | Introduction to Cyber Security by NASSCOM FutureSkills,online | 1-6-21 to 18-6-21 |
| 6 | K.LAKSHMAJI | One Week Short Term Training Program on "Data Science for Big data Analytics in Cloud using Advanced Tools" | |
| 0 | K.LAKSHIMAJI | | 23-11-20 to 28-11-20 |
| | | Practicing cloud computing with AWS | 20-9-21 to 25-9-21 |
| | | Artificial Intelligence using Python BY G.Narayannamma Engg college | 14-09-2020 to 19-09-2020 |
| | | Machine Learning and Cloud Infrastructure by Jeppiar institute | 6th July 2020 to 10th July 2020 |
| 7 | K VIJAYA Lakshmi | Three Day FDP on " Computer Vision, Image Processing Techniques with openCV-Python ", Organized by Department of Computer Science and Engineering, RISE Krishna Sai Gandhi Group of Institutions, Ongole | 15-08-2020 to 17-08-2020 |
| | | Two-Week Online AICTE sponsored Faculty Development Program on Data Science using Python organized by Department of Information Technology, Shri Vishnu Engineering College for Women, Bhimavaram | 23-11-2020 to 05-12-2020 |

| | | One Week Faculty Development Program (FDP) On Introduction to Data Mining and Machine Learning by G PULLA REDDY ENGINEERING COLLEGE (Autonomous) :: Kurnool | 9th July 2020 to 15th July 2020 |
|---|-----------|---|------------------------------------|
| | | Android Development with Kotlin train -the-Trainer Program | 31-8-20 to 5-9-20 |
| | | Two days online Workshop on Free & open source alternative for web conferencing and teaching learning by Mahatma gandhi Institute of technology | 15th & 16th July 2020 |
| | | A National Level Five Day FDP on "Trends and Advances in Cryptography" by Sreenidhi Institute of Science & Engineering , Hyderabad. | 24th - 28th August, 2020 |
| | | 5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) | 28 June, 2021 to 2 July, 2021. |
| | | STTP on Writing & Publishing High Impact Research publications &Scientific documents by rajalakshmi engg college | 5-10-20 to 10-10-20 |
| | | 2-weeks refresher course on "Machine Learning and its Applications" | 14-12-20 to 24-12-20 |
| 8 | J.MALATHI | FDP on "Machine Learning" (ATAL) | 18-1-21 to 22-1-21 |
| | | FDP on "Cyber Security" (ATAL) | 5-10-20 to 9-10-20 |
| | | CISCO "introduction to cyber security" | 29-6-21 Completed |
| 9 | G.VIHARI | "Data Science for Bigdata Analytics in Cloud using Advanced Tools" organized by Department of Computer Science and Engineering, Chaitanya Bharathi Institute of Technology | 23/11/20 to 28/11/20 |
| | | Practicing Cloud Computing with AWS | 20-9-21 to 25-9-21 |

| | | AICTE-ISTE approved Orientation/Refresher Programme on "Advanced Emerging Trends in CSE & IT" held during 23.03.2021 to 30.03.2021 organized by Usha Rama College of Engineering and Technology, Telaprolu, Krishna Dist., Andhra Pradesh. | 23.03.2021 to 30.03.2021 |
|----|----------------------|--|------------------------------------|
| 10 | V.GOPINATH | • AICTE-ISTE approved Orientation/Refresher Programme on "Emerging trends on IoT" held during 5-5-2021 to 11-5-2021 organised by Guru nanak institutions Technical campus,ranga reddy district,telangana | 5-5-2021 to 11-5-2021 |
| | | • One week National Level Online Faculty Development Program on Multi Technology from 28th June 2021 to 3rd July 2021 organised by the Department of Computer Science & Technology in association with National Youth Council of India and Brainovision Solutions India Pvt. Ltd. | 28th June 2021 to 3rd July 2021 |
| | | Inculcating Universal Human Values in Technical Education (UHV-I) | 28-06-2021 to 02-07-2021 |
| | | National Level One week Faculty Development Program on Multi technology | 28-06-2021 to 03-07-2021 |
| 11 | Y SIVA KOTESWARA RAO | Cyber Security oversight for Information Protection | 12-07-2021 to 16-07-2021 |
| | | Practicing Cloud Computing with AWS | 20-09-2021 to 25-09-2021 |
| | | National Level Online FDP in association with NIT Warangal, AI & ML | 22-11-2021 to 26-11-2021 |

Placements



| Tcs | 10 | |
|-----------|----|------|
| Wipro | 17 | |
| Capgemini | 7 | |
| Cognizant | 5 | |
| Lava | 1 | |
| Accenture | 9 | |
| Infosys | 14 | |
| Tech M | 2 | < 75 |
| Acheron | 1 | |
| NNIT | 2 | |
| Verisk | 1 | |
| Kantar | 1 | |
| Atos | 3 | |
| Ford | 1 | |
| Tecnics | 1 | |

E.L.I.T.E

ETERNAL LEADING INFORMATION TECHNOLOGY ENGINEERS DEPARTMENT OF INFORMATION TECHNOLOGY



Chairman Dr. S. KRISHNA RAO HOD , I.T



Staff Co-Ordinator Sri. N . PRASAD



Staff Co-Ordinators Sri. P .RAMAIAH CHOWDARY

President

K. V. Pavan Kalyan (4/4 IT)

Vice-President

B. Leela Rama Jyothi(4/4 IT)N. Sowmya Shivani(3/4 IT)P. Siva Sankiar Reddy(4/4 IT)P. Vamsi Krishna(3/4 IT)D. Nani Babu(3/4 IT)D. Hemanth(2/4 IT)N. Jahnavi(3/4 IT)A. Pooja(2/4 IT)

Secretary K. Kiranmaiee(4/4 IT)

Joint Secretary

K. Sirisha(4/4 IT) Y.Subba Reddy(4/4 IT) R. Gowthami(3/4 IT) Ch. Polireddy (2/4 IT)

Treasurer V. Sasi Rekha(3/4 IT - B)

Editorial Board

G. Swamy Satyendra (4/4 IT) P. Ravi Teja (3/4 IT) Y. V. L. Nikitha Priyatham(3/4 IT) N. Sowmya Shivani(3/4 IT) P. Vamsi Krishna(3/4 IT) D. Hemanth(2/4 IT) A. Pooja(2/4 IT)

- U. Shaym(2/4 IT)
- A. Amarnadh (2/4 IT)

Student Body

M. Dhanusha Sai (4/4 IT) Ch. Raga Malika(4/4 IT) P. Guru Sai Swetha(3/4 IT) K. Anurag(3/4 IT) M. Upendra(3/4 IT) P. Tanuja(3/4 IT) S. Sushma(2/4 IT) M. Vamsi(2/4 IT) Y. Supraja(2/4 IT) V. Sraya (2/4 IT)



G. Swamy Satyendra (4/4 IT)



P. Ravi Teja (3/4 IT)



D. Hemanth(2/4 IT)

SIR C R REDDY COLLEGE OF ENGINEERING, ELURU