PVPS**IT** NEWS

Volume: 27	JULY: 2022

BLAMING OTHERS TAKES TIME AND ENERGY AWAY FROM IMPROVING YOURSELF.

An Iota of Truth

GUEST LECTURES/WORKSHOPS CONDUCTED BY THE DEPARTMENT

i. Organized a virtual road show on "Infosys Springboard platform" for a strong Industry-academia collaboration to all II Year students of PVPSIT on 19th January, 2022 from 3.30 pm to 5.00 pm. Resource persons: Girija T R, DC SPOC, Hyderabad, Telangana.

ii. Organized a two-day online workshop on "Big Data Analytics in Real Time with Spark using Scala for Developers" on 19th and 20th February, 2022 for III and IV year students. Resource Person: Mr.K.Raja Yasodhar, Software Designer, HP, Bangalore. Co-ordinator: Mr.Ch.Praneeth.

iii. Conducted a workshop on "An Awareness Program on Entrepreneurship Initiative to Transform as an Entrepreneur" on 08th March, 2022. Resource person: Dr. K. Pavan, CEO, Pavan Empower Solution, Palamaner, Chittur (Dist), Andhra Pradesh. Coordinator: Dr. K. Pavan Kumar.

iv. Conducted a Two Day workshop on "Competitive Coding" in association with ISTE Student chapter from 23rd to 24th March, 2022. Resource Person: N. Aviansh Software Engineer UHG Hyderabad acted as. Coordinator: Mr. P. Ravi Prakash, Mrs. K. Swaroopa Rani, Mr. Ch. Praneeth.

v. Conducted an Awareness program on "Startups and Fund generation through Consultancy" on 09th March, 2022. Resource person: Mr. P. Subba Raju, Founder and CEO of Crossborders Pvt. Ltd, Hyderabad. Coordinator: Mr. IMV Krishna.

vi. Conducted a Three Day workshop on "Block Chain & It's Applications" from 15th to 17th March, 2022. Resource persons: Dr. Y. B. Subba Rao, Associate Professor and Dr. N. Rukma Rekha, Assoc. Prof, Central University of Hyderabad. Coordinators: Ms. K. SriVijaya, Dr. Y. Padma

i. Conducted a seminar on "Effective Grant Proposal Writing & Preparing Research Manuscript" on 28th March, 2022 and invited the resource person as Dr Madhubala Myneni, Dean of Computational Studies and HOD of CSE, Aeronautical Engineering, Hyderabad. Coordinator: Dr. A. Haritha.

ii. Conducted A Two day Faculty Development Program on "Machine Learning: Techniques and Applications" during 22nd and 23rd April, 2022. Resource Persons: Dr. Ramesh Ragala, Associate Professor, School of CSE, VIT, Chennai and Dr. K. Mallikarjuna Rao, Assistant Professor, Department of DSAI, IIIT, NayaRaipur, Chattisgarh. Coordinators: Dr. Y. Suresh, Asst. Prof, Mrs. J. Sirisha.

iii. Conducted a talk on "Higher Studies in Foreign Universities and Immigration Details" for III Year B.Tech IT Students by alumni on 28th April, 2022. Resource Person: Parimi Sai Bhargav, 2016 passed out, currently working as a Full Stack Developer, Washington D.C. U.S.A.

PAPERS PUBLISHED BY STAFF

i. Mr. P.Ravi Prakash, Dr.R.Vijay Kumar Reddy, published a paper titled, "The General Design of The Automation for Multiple Fields using Reinforcement Learning Algorithm" in *Indonesian Journal of Electrical Engineering and Computer Science(IJEECS),* Vol 25, Issue-1, pp. 481-487, ISSN: 2502-4752, January, 2022. (SCOPUS INDEXED).

ii. Dr.B.V.Subba Rao published a paper titled "Classification of Brain Tumours using Artificial Neural Networks" in *ACTA IMEKO*, Volume 11, Issue No.1, Page number: 1-7, ISSN Number: 2221-870X, March 2022, (SCOPUS INDEXED).

iii. Dr.B.V.Subba Rao published a paper titled "Application of Mathematical Modeling in Prediction of COVID-19 Transmission Dynamics" in *Arabian Journal for Science and Engineering*, ISSN Number: 2193-567X, January 2022, (SCI, SCOPUS INDEXED), Springer Nature, https://doi.org/10.1007/s13369-021-06419-4.

iv. Dr Y. Suresh, Dr.K Pavan Kumar and Dr A Haritha paublished a paper titled "Feature Selection And Extraction Using Decomposition Techniques In Biometric Authentication" in *Journal of Theoretical and Applied Information Technology (JATIT),* Vol. 100, Issue: 11, ISSN: 1992-8645 PP. No: 3686-3695, 15th June 2022 (Scopus Indexed Journal).

v. Dr.S.Sai Kumar published a paper titled "Privacy Preserving with Modified Grey Wolf Optimization Over Big Data Using Optimal K Anonymization Approach" in *Journal of Interconnection Networks*, Volume 22, Issue no.2, February 2022 (Scopus Indexed in June).

vi. Dr. A.Haritha and Dr.Y.Suresh published a paper titled "Measuring Research Interest Similarity Among Authors Using Community Detection" *in Journal of Theoretical and Applied Information Technology*, Vol 100, Issue 11, 3602-3609, ISSN: 1992-8645, June 2022. (Indexing Pending).

vii. Mr.P.Ravi Prakash published a paper titled "A Novel Convolutional Neural Network with Gated Recurrent Unit for Automated Speech Emotion Recognition and Classification" in *Journal of Control and Decision* ISSN:2330-7706, June 2022 (Scopus Indexed Journal).

viii.   Dr P.V.S.Lakshmi published a paper titled "Adaptive XGBOOST Hyper Tuned Meta Classifier for Prediction of Churn Customers" in the *Journal of Intelligent Automation & Soft Computing*, Vol: 33, Issue: 1, pp. 21-34, ISSN 2326-005X, January, 2022.(SCI e- Journal)

ix.   Dr. K. Pavan Kumar, Dr. B. V. Subbarao, Dr. Y Suresh published a paper on "Image Noisy Elimination Using Advanced Linear Function" in *International Journal of Advanced Research in Science, Communication and Technology(IJARSCT),* Vol:2, Issue:1, March 2022, Page No: 534-544 with DOI: 10.48175/IJARSCT-2986. (Non UGC/Non Scopus).

x.   Dr.J.Rajendra Prasad, Dr. S. Sai Kumar published a paper on "An Effective Query response using Chatbot" in *International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)* in Volume 2, Issue 2, pp:499-502, April 2022 with ISSN:2581-9429.

xi.   Mr.P.Ravi Prakash, M.Harika, S.V.P.Kavya published a paper titled "A Visual Representation of NGO'S Across India" in *International Journal of Advanced Research in Science, Communication and Technology(IJARSCT)* Volume2, Issue2, April 2022-05-04 DOI:10.48175/IJARSCT-3358 Page Numbers:604-606

xii.   Mrs.J.Sirisha published a paper titled, "Detection of Traffic Signs Using Deep Learning Techniques" in *Stochastic Modeling& Applications* an UGC approved Journal with Vol. 26, No.3(Special Issue), pp. 406-412, ISSN: 0972-3641, June 2022.

xiii.   Mrs.J.Sirisha published a paper titled, "Stock Price Prediction Using Deep Learning" in *International Journal of Creative Research Thoughts (IJCRT)* with Vol. 10, Issue. 6, pp. d808-d812, ISSN: 2320-2882, June 2022.

xiv.   Mrs. D. Leela Dharani and Mrs. K. Swarupa Rani published a paper titled, "A Novel Approach for Processing of Complex and Huge Datasets" in *Stochastic Modeling & Applications* June 2022. Vol. 26 No. 3 Special Issue on Innovative Research in Management, Applied Science and Engineering, pp: 286-292, ISSN: 0972-3641. (UGC CARE Approved Journal).

xv.   Mrs. K. Swarupa Rani and Mrs. D. Leela Dharani published a paper titled, "A Novel Deep Learning Algorithm to Process the Complex Datasets" in *Stochastic Modeling & Applications* June 2022. Vol. 26 No. 3 Special Issue on Innovative Research in Management, Applied Science and Engineering, pp: 303-307, ISSN: 0972-3641. (UGC Care Approved Journal).

xvi.   Mrs. J.Sirisha published a paper titled, "Low complex OFDM channel design using underwater-acoustic-communication using Machine learning techniques" in the proceeding of *Fifth International Conference on Electronics, Communication and Aerospace Technology (ICECA 2021), Conference Proceedings, IEEE Xplore*, ISBN: 978-1-6654-3524-6, pp 1505-1513, January, 2022.

xvii.   Mrs. J Sirisha published a paper titled, "GUI Information System Based Flood Detection Using Gaussian Distance Support Vector Machine" in the proceeding of *3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N- on 17-18 December 2021), Conference Proceedings, IEEE Xplore* ISBN:978-1-6654-3812-4, pp. 1639-1645, March 2022.

xviii.   Dr BV Subba Rao published a book chapter titled, "Application of Music Genre Classification using Machine Learning Algorithms" in a book, *Applications of Artificial Intelligence* published by Immortal Publications, Vijayawada. ISBN Number: 978-93-5526-896-9, pp. 1-16, January, 2022.

xix. Dr. K. Pavan Kumar published a book chapter titled, "Applications of Artificial Neural Network on Digital Speech Signal Intelligibility Improvement or Noise Reduction" in a book, *Applications of Artificial Intelligence* published by Immortal Publications, Vijayawada. ISBN No: 978-93-5526-896-9, pp. 17-35, January, 2022.

xx. Dr P. V. S. Lakshmi published a chapter titled "A Comparative study on parallel query processing in big data using Hadoop Network" in a book *Advancements In Machine Learning And Its Applications For Prediction And Classification* with ISBN: 978-93-5607-149-0 in February, 2022.

xxi. Dr A. Haritha and Dr P. V. S. Lakshmi published a chapter titled "Detecting Fallacy of Social Media Data by using Content based Features" in a book *Advancements In Machine Learning And Its Applications For Prediction And Classification* with ISBN: 978-93-5607-149-0 in the month of February'2022.

xxii. Mrs. J. Sirisha published a book chapter titled "Improve Mental Health in the present Digital World Through Machine Learning" in a text book, *Machine Learning Applications in Health Care* published by Immortal Publications with ISBN 978-93-5566-688-8, pp. 95-120, May, 2022.

xxiii. Dr D.Kavitha published a chapter titled "Traffic Management System" in a book *"Top 5 Technology Trends in World Transforming Data to Knowledge"* published by Immortal Publications with ISBN 978-93-5636-162-1, pp. 281-288, May, 2022

PAPERS PRESENTED IN CONFERENCES

i. Ms. K.Sri Vijaya presented a paper titled, "The Performance Analysis and Security aspects of MANET" in ECS Transactions at the *International Conference On Technologies for Smart Green Connected Societies 2021 (ICTSGS)* organised by SPAST Foundation and associated partner institutions, led by Yamagata University Japan during 29th & 30th November, 2021.(certificate received in January, 2022).

ii. Dr A.Haritha presented a paper titled "Polarity Identification from Micro Blogs using Multimodal Sentiment Analysis" in 7th *International Conference on Information System Design and Intelligent Applications (INDIA-2022)* organized by BVRIT Hyderabad College of Engineering for Women, Hyderabad on 25th and 26th February, 2022.

iii. Mrs. D. Leela Dharani, Dr. G.Reshma and Mrs. K. Swarupa Rani presented a paper titled, "Impact of IOT in Agriculture: Automatic Soil Moisture, Temperature and Humidity Monitoring System using Node MCU" in the *International Conference on Multidisciplinary Approaches In Engineering, Management & Science (EMS-2022)* organized by Sri S. Ramasamy Naidu Memorial College (Affiliated To Madurai Kamaraj University), Sattur, Virudhunagar-Dist., Tamil Nadu in Collaboration With Conference World And IARDO, on 4th March 2022.

iv. Mrs. K. Swarupa Rani, Mrs. D. Leela Dharani and Dr. G. Reshma presented a paper titled, "News Classification Using Machine Learning Algorithms" in the *International Conference on Multidisciplinary Approaches In Engineering, Management & Science (EMS-2022)* organized by Sri S. Ramasamy Naidu Memorial College (Affiliated To Madurai Kamaraj University),

Sattur, Virudhunagar-Dist., Tamil Nadu in Collaboration With Conference World And IARDO, on 4th March 2022.

v. Dr. G. Reshma, Mrs.K. Swarupa Rani and Mrs.D.Leela Dharani published a paper on "Comparison of Passenger Flow Prediction on Transit Buses using Dwt-Lstm Approach over Arima Model" in *International Conference on Multidisciplinary approaches in Engineering, Management & Science* with ISBN:978-93-91535-23-0 on 04th March 2022.

vi. Mr. P. RaviPrakash, Dr.R.Vijaya Kumar Reddy and Mr.Ch. Praneeth participated and presented a paper titled, "Competent Data Access Manage of the need for Multi Authority analysis for Cloud Space" in *International Conference on Recent Innovation in Computer Engineering & Information Technology (ICRICEIT-2022,)* Organized by Department of Information technology St.Martin's Engineering College, Dhulapally, Secundrabad, T.S India during 18th to 19th March, 2022.

vii. Mr. I.M.V.Krishna presented a paper titled, "Machine Learning based Face Recognition System" in the *First International Conference on Technologies for Smart Green Connected Society 2021,*conference proceedings of Electrochemical Society, ECS Trans. 107 19979, Volume 107, June, 2022, USA.

viii. Dr G.Lakshmi presented a paper titled "Social Distance Monitoring Framework for Covid-19 using Deep Learning" in *Three day International Conference on Recent Advancements and Innovations in Computing, Communications and Information Technologies- ICRAIC2IT* organized by Department of CSE, ECE & IT at NRI Institute of Technology, Agiripalli, Vijayawada, India during 22nd to 24th April, 2022, sponsored by AICTE New Delhi.

ix. Dr D.Kavitha and Dr.BV Subba Rao presented a paper with the title "Machine Learning Enabled IoT based Fire Accident Detection System" in *Three day International Conference on Recent Advancements and Innovations in Computing, Communications and Information Technologies- ICRAIC2IT* organized by Department of CSE, ECE & IT at NRI Institute of Technology, Agiripalli, Vijayawada, India during 22nd to 24th April, 2022, sponsored by AICTE New Delhi.(Scopus indexed pending).

x. Mr. Ch.Praneeth, and Mr. D. Madhu Sudhanarao presented a paper titled, "Detection of Lung Cancer using Image Processing Techniques" in *National Conference on 'Applications of IOT and Deep Learning' (NCAID) 2k22* organized by department of Information Technology, Anil Neerukonda Institute of Technology and Sciences, Visakhapatnam, A.P,India, on 29th and 30th April, 2022.

xi. Mrs.V. Rashmi presented a paper with the title "OXG Boost: An Optimized eXtreme Gradiant Boosting Algorithm for the Classification of Breast Cancer", in *International IEEE Conference on Recent Trends in Information, Communication and Pervasive Technologies(ICRTICPT 2022)* organized by Sri Venkatesa Perumal College of Engineering, Puttur, India during 20th to 22nd June, 2022

SEMINAR/CONFERENCE/WORKSHOPS ATTENDED BY STAFF

a)Seminars/Webinars:

i. Dr Y.Padma, Dr.D.Kavitha, Mrs. V. Rashmi, Mrs. D. Leela Dharani, Mrs. J.Sirisha, and Mrs. K. Swarupa Rani attended one-day online seminar on "Guidelines for Quality Publication of Project Works" organized by department of Computer Science and Engineering in association with IQAC,VRSEC, under AICTE MARGDARSHAN on 04th February 2022.

ii. Mrs. D. Leela Dharani participated in a webinar on "Data Science basics and its Applications" organized by Department of Computer Science and Engineering, Meerut Institute of Technology, Meerut on 26th February, 2022.

iii. Mr. P.Ravi Prakash attended a one day seminar on "Effective Grant Proposal Writing and Preparing Research Manuscripts" organized by Dept of IT, PVPSIT on 28th March, 2022

b) STTP/STCs:

i. Mrs. J. Sirisha attended a one Week STTP on "Art of Algorithm Writing and Computer Programming (for Beginners with Applications to Image Processing)" organized by Department of Computer Science and Engineering, NIT, Warangal during 24th to 30th January, 2022.

ii. Mrs. V. Rashmi participated in two weeks training program for faculty members on "AICTE Student Learning Assessment" organized by PARAKH in collaboration with Construction Industry Development Council (CIDC) from 7th February to 19th February, 2022.

iii. Dr.D.Kavitha, Mrs.J.Sirisha, DrG.Lakshmi and Dr Y.Padma attended a one-week Short Term Course(STC) on "NBA Accreditation through Outcome based Education" organized by NITTTR, Chandigarh during 21st to 25th February, 2022.

c) Faculty Development Programmes:

i. Mrs.K. Swarupa Rani and Mrs. D. Leela Dharani attended a six-day Faculty Development Programme on "Developing Activities for OBE Attributes" organized by NITTTR Chennai from 17th to 21st January, 2022.

ii. Dr A. Haritha, Dr. K. Pavan Kumar and Dr G.Lakshmi attended a Faculty Development Programme on "Indian STI Ecosystem and Funding Opportunities for Young Researchers" organized by IQAC cell, PVPSIT on 22nd January, 2022.

iii. Mrs. J.Sirisha attended an AICTE Training And Learning (ATAL) Academy Online Elementary Faculty Development Programme on "Recycling of Plastics for Sustainable Growth" organized by Central Institute of Petrochemicals Engineering & Technology (CIPET) : Institute of Plastics Technology(IPT), Bhubaneswar from 10th to 14th January, 2022.

iv.   Ms.K.Srivijaya participated an AICTE Training and Learning (ATAL) Academy Online Advanced Faculty Development Programme on "Multi-Disciplinary Design Optimisation in Engineering Basics" organized by Indian Institute of Technology Kharagpur from 21st to 25th February, 2022.

v.   Dr. B.V.Subba Rao, Dr. J. Rajendra Prasad, Dr. P.V.S Lakshmi, Dr. G. Reshma, Dr. D. Kavitha, Mrs. K. Swarupa Rani, Mrs. D. Leela Dharani, Ms. V. Rashmi, Dr. Y. Padma, Mrs. J. Sirisha, Dr. Y. Suresh, Dr. K. Pavan Kumar, Mr.Ch. Chandra Mohan, Dr. A.Haritha, Mr. P. Ravi Prakash, Mr. I.M.V.Krishna, Ms. K.Srivijaya, Dr G.Lakshmi and Dr. S.Sai Kumar attended a two day Faculty Development Programme on "Machine Learning: Techniques and Applications" organized by Department of Information Technology, PVPSIT, Vijayawada from 22nd April 2022 to 23rd April, 2022.

vi.   Mr. I.M.V.Krishna attended a Faculty Development Programme hands on experience on "Microsoft Upskilling Program – Azure AI Fundamentals" conducted by JNTU-K in association with APSCHE on 6th May, 2022.

vii.   Dr. J. Rajendra Prasad, Mrs. D. Leela Dharani and Mrs. K. Swarupa Rani attended a one week Online Faculty Development Program on "Emerging Trends in Artificial Intelligenece" organized by Bhimavaram Institute of Engineering & Technology and Blackbuck Engineers Pvt Ltd from 25th to 31st May, 2022.

viii.   Mrs. K. Swarupa Rani and Mrs.D. Leela Dharani attended one week Online Faculty Development Program on "Emerging Trends in Artificial Intelligence" organized by Bhimavaram Institute of Engineering & Technology and Blackbuck Engineers Pvt Ltd from 25th to 31st May, 2022

ix.   Mrs. D. Leela Dharani, Mrs. K. Swarupa Rani and Mr. D. Srinivasa Rao attended a one week Faculty Development Program on "Artificial Intelligence & Data Analytics" organized by Vijaya Institute of Technology for women, Vijayawada during 6th to 11th June e) Training:

x.   Mr. P.Ravi Prakash completed Level 1 Training under Project eSaksham, a joint initiative of ministry of Education, All India Council for technical Education (AICTE) and Cyber Peace Foundation(CPF) on 04th July, 2021.

xi.   Mr. Ch. Praneeth attended a five-day Train the Trainer Program on "Java Programming" organized by Infosys Limited from 05th to 09th July, 2021.

xii.   Dr A Haritha has undergone "Innovation Ambassador training (Foundation Level)" conducted by MoE's Innovation Cell & AICTE during 30th June to 30th July 2021.

xiii.   Dr.G.Reshma Attended six day Training program on "Celonis Academy Process Mining Foundation Educator Training Program" organized by Eduskills Foundation from 23rd to 28th August, 2021

xiv.   Dr. K. Pavan Kumar attended five day training program on "NBA Accreditation" Conducted by NITTTR, Bangalore Extension center from 20th to 24th September, 2021.

xv.   Dr. G. Reshma successfully completed the "Robotic Process Automation Associate Developer Educator Training" conducted by EduSkills Foundation as part of Blue Prism University Academia Program from 04th to 08th October, 2021.

FACULTY ACHIEVEMENTS

i. Mrs V S Parvathi awarded degree of Doctor of philosophy (PhD) for her thesis titled "Deep Learning Sentiment Analysis Recommender System Framework for an Intelligent Product Recommendations" on 27th January, 2022 from Department of Computer Science and Systems Engineering, Andhra University under the guidance of Dr.G.Lavanya Devi and Dr. S.Jhansi rani, Andhra University.

ii. Mr. Ch. Praneeth completed a certification course titled, "Python Programmer Certification" offered through Infosys Springboard on 31-01-2022

iii. Mrs.J.Sirisha completed a Course titled, "Facilitate Online Discussions with Eduflow" an online non-credit course authorized by Coursera Project Network and offered through Coursera on 17-01-2022

iv. Mrs.J.Sirisha completed a Course titled "Use Canva to Create Desktop and Mobile-friendly Web Pages" an online non-credit course authorized by Coursera Project Network and offered through Coursera on 26-01-2022.

v. Mr. Ch. Praneeth completed a course titled, " Robotic Process Automation: RPA Fundamentals and Build a Robot " offered through Infosys Springboard on 05-02-2022.

vi. Mrs. J. Sirisha completed a Course on "Code Free Data Science" an online non-credit course authorized by an online non-credit course authorized by University of California San Diego and offered through Coursera on 18-02-2022.

vii. Mrs. D.Leela Dharani and Ms. V. Rashmi successfully completed 8 weeks of NPTEL course "Database Management System" from January to March 2022.

viii. Ms. V. Rashmi successfully completed a course on "Mastering AWS Security" in Infosys Springboard on Friday, 8th April 2022.

ix. Dr A. Haritha, Mrs.K. Swarupa Rani, Mrs. D. Leela Dharani successfully completed Infosys Spring Board Online certification programme on "Basics of Python" in the month of April 2022.

x. Dr. D. Kavitha successfully completed Infosys Spring Board Online certification programme on "Data Structures & Algorithms in Python: Fundamental Data Structures" in the month of May 2022.

xi. Dr. D. Kavitha successfully completed Infosys Spring Board Online certification programme on "Data Structures & Algorithms in Python: Sorting Algorithms" in the month of May 2022.

xii. Dr Y Suresh successfully completed course on "Python for Begineers" through Udemy in the month of June 2022.

xiii. Dr Y Suresh successfully completed course on "PHP & MySQL – Certification Course for Beginers" through Udemy in the month of June 2022.

xiv. Dr Y Suresh successfully completed course on "Basics of Python" through Infosys Springboard in the month of June 2022.

xv. Mr.D Srinivasa Rao got a best researcher award in the international scientist awards on Engineering, Science and Medicine, held on 18th June 2022 Coimbatore, India organized by VDGOOD Associates.

xvi. Ms. K.SriVijaya completed NPTEL online certification course on "Cloud Computing and Distributed Systems" with 68% score for the period of Jan – March 2022.

xvii. Dr. K. Pavan Kumar completed an online coursera certification on "Foundation of Project Management" in the month of May, 2022.

FACULTY PARTICIPATION

i. Dr BV Subba Rao acted as a resource person and handled one session on the topic "The Innovation Strategy for Cutting-edge Solutions" in the one week online Faculty Refreshed Program on Design Thinking and Innovations organized by NRI Institute of Technology, Agiripalli on 12th January, 2022.

ii. Dr. A. Haritha delivered a guest lecture on "Recent trends in Data Science" to the students of Computer Science at St. Joseph's College for Women, Visakhapatnam on 2nd March, 2022.

iii. Mr.D Srinivasa Rao reviewed a paper titled "Distributed group cooperation with multi-mechanism fusion in an adversarial environment" submitted to Knowledge-Based Systems(Elsevier)(Scopus Indexed) on 13th June, 2022.

iv. Dr. K. Pavan Kumar accepted as a scientific committee member for 3rd International Conference on "Emerging Trends in Engineering and Technology (ICETET - 2022)" which will be conducted on July 21st and 22nd 2022, organized by Department of Mechanical Engineering, Sandip Institute of Engineering and management, Sandip foundation, Nashik.

v. Dr BV Subba Rao attended BOS meeting of Computer Science of Andhra Loyola College as a subject expert on 07-01-2022.

vi. Dr. K.Pavan Kumar acted as a Subject expert for conducting Ratification of Asst.Prof posts in the Narasaraopeta Engineering College, Narasaraopeta on 23.03.2022

vii. Dr. K. Pavan Kumar acted as a Session Chair for the conference on "Artificial Intelligence and its Emerging Areas (NEC-ICAIEA-2K22)" organized by Department of Computer Science and Engineering in Association with CSI, Narasaraopeta Engineering College, Narasaraopeta from 3rd -4th June, 2022.

viii. Dr A.Haritha acted as Session Chair for a Virtual International Conference on Artificial Intelligence and Its Emerging Areas [NEC-ICAIEA-2K22] organized by the Department of Computer Science and Engineering in Association with CSI, Narasaraopeta Engineering College, Narasaraopet, A.P., India on 3rd and 4th June 2022

SPONSORED R&D AND CONSULTANCY ACTIVITIES

i. Dr P.V.S.Lakshmi published a patent titled, "Machine Learning Based Patient's Illness Prediction and Automatic Doctor Appointment Alert" with the application number: 202141061326 A, Journal number-. 01/2022 dated 07/01/2022, Intellectual Property Rights, Government of India.

ii. Dr.B.V.Subba Rao, Dr.S.Sai Kumar published a Patent on "The Prospect of Micro Blog Advancement by means of Multiple Significance method fir Social Media" with Application number 202241017742, dated: 08-04-2022, Intellectual Property India

STUDENT ACHIEVEMENTS

a) Co-curricular Activities:

i. G. Sai Siddhartha, II B.Tech IT, won I prize in the event "AAVISHKAR" SAPTACIA, organized by ACM Student Chapter, VR Siddhartha Engineering College, Kanuru, Vijayawada during 03.07.2021 to 04.07.2021

ii. N. V. N. Vaishnavi, T. Navya, V. Srilekha, V. Karthik students of IV B.Tech and Mrs D. Leela Dharani, Assistant Professor, published a paper titled, "Blind Assistance in object detection and generating voice alerts" in DogoRangsang Research Journal, Vol-08, Issue-14, No. 02, , pp. 483~488, ISSN: 2347-7180, August, 2021.

iii. Ch.Meghana, G.Jeevan, B.Vyshnavi, B.Manikanta students of IV B.Tech and Mrs. K.Swarupa Rani, Assistant Professor, published a paper titled "Stock Market Prediction via Multi-Source Multiple Instance Learning" in Juni Khyat journal, Vol. 11, Issue. 01, pp.369~646, ISSN: 2278-4632, August, 2021.

iv. Tahseen Kausar has participated & secured certificate of Appreciation(75% in C & Python coding contest) in Trigger Minscape, A National level online coding quiz organized by TechXtreme Club, Dept. of CSE, Sri Vishnu Engineering College for Women, Bhimavaram on the eve of Engineer's day on 15th September, 2021.

v. K. Sreeja, P. Om Sai Gowtham, K. Siva Rama Krishna students of IV B.Tech and Dr Y Padma, Assistant Professor, published a paper titled "Emotion Elicitation using Machine Learning Techniques" in Dogo Rangsang Research Journal, Vol-08, Issue-14, pp:603-606, ISSN: 2347-7180, October 2021.

vi. B. Geethanjali, K. Yesudas, E. Sneha, Vinnakota G. Sai Bhavya Sri students of IV B.Tech and Ms. D. Leela Dharani, Assistant Professor published a paper titled, "Blood Donor Information System" in DogoRangsang Research Journal, Vol-08, Issue 14, No. 03, pp. 355~359, ISSN: 2347-7180, December 2021.

vii. K Lakshmi Surya Mukhi, G. Vijayalakshmi, G. Hema, A. Rupa Sri, students of IV B.Tech and K.Swarupa Rani, Assistant Professor published a paper titled "Online Examination System" in DogoRangsang Research Journal, Vol 08, Issue 14, No. 03, pp.373~377, ISSN: 2347-7180, December 2021.

viii. V. Sirisha, Y. Neeraj Sai, S. Sandeep Babu,V. Lohitha, students of IV B.Tech and Dr.G.Reshma, Assistant Professor, published a paper titled "Online food Information System" in Dogo Rang sang Research Journal, Vol-08, Issue-14, No. 03, pp. 365-372, ISSN: 2347-7180, December 2021.

ix. G. Sai Siddhartha, III B.Tech IT, won I prize in the event "IIB(Innovate-Ideate Build)" organized by VIVAVVIT, Vasireddy Venkatadri Institute of Technology, Namburu, 2021-22 during 21.12.2021 to 22.12.2021.

x. G Vishnu Vardhan , III B.Tech IT, won I prize in the event "Pictorial Quiz" organized by VIVAVVIT, Vasireddy Venkatadri Institute of Technology, Namburu, 2021-22 during 21.12.2021 to 22.12.2021.

xi. G Apoorva, K Tejasree, III B.Tech IT, won I prize in the event "Exquizite" organized by VIVAVVIT, Vasireddy Venkatadri Institute of Technology, Namburu, 2021-22 during 21.12.2021 to 22.12.2021.

xii. M Srilekha, B Sai Mahitha, III B.Tech IT, won II prize in the event "Exquizite" organized by VIVAVVIT, Vasireddy Venkatadri Institute of Technology, Namburu, 2021-22 during 21.12.2021 to 22.12.2021.

xiii. K Varun, III B.Tech IT, won II prize in the event "National Level Coding Competition" organized by CSI student chapter and ELITE Club, Department of CSE, VRSEC, Vijayawada on 24th December, 2021.

xiv. 15 students from II and III B.Tech IT participated in National Level Techno Management Quiz Competition 'Biz-Maven'-2021 organized by KL Business School on 13.11.2021.

xv. 7 students from II B.Tech IT participated in Azadi ka Amrit Mahotsav, Conducted by District administration, Govt. Of AP in association with SAGTE and JIGNASA Interface Pvt. Ltd., at PB Siddhartha Arts and Science College, from 26.11.2021 to 27.11.2021.

b) Extra-curricular Activities:

i. B Sujan Chowdary, II B.Tech IT, won I prize in the event "50 meters free style" JNTU, Kakinada Inter-collegiate Tournament cum Selections held DSA swimming pool, Edupugallu, organized by PVPSIT, Vijayawada on 15.12.2021.

ii. B Sujan Chowdary, II B.Tech IT, won II prize in the event "100 meters free style" JNTU, Kakinada Inter-collegiate Tournament cum Selections held DSA swimming pool, Edupugallu, organized by PVPSIT, Vijayawada on 15.12.2021.

iii. B Sujan Chowdary, II B.Tech IT, won I prize in the event "100 meters Butterfly" JNTU, Kakinada Inter-collegiate Tournament cum Selections held DSA swimming pool, Edupugallu, organized by PVPSIT, Vijayawada on 15.12.2021.

iv. B Sujan Chowdary, II B.Tech IT, won I prize in the event "100 meter back stroke" JNTU, Kakinada Inter-collegiate Tournament cum Selections held DSA swimming pool, Edupugallu, organized by PVPSIT, Vijayawada on 15.12.2021.

v. B Sujan Chowdary, II B.Tech IT, won II prize in the event "50 meters Butterfly" JNTU, Kakinada Inter-collegiate Tournament cum Selections held DSA swimming pool, Edupugallu, organized by PVPSIT, Vijayawada on 15.12.2021.

vi. G Sai Siddhartha, III B.Tech IT, won II prize in the event "Table Tennis(Men)" organized by VIVAVVIT, Vasireddy Venkatadri Institute of Technology, Namburu, 2021-22 during 21.12.2021 to 22.12.2021

c) Coursera/NPTEL Details of the students:

i. 151 students from II and III B. Tech completed 10 different courses in Infosys Springboard Platform in January month.

ii. 126 students from II B. Tech completed 5 different courses in Infosys Springboard Platform in April month

iii. 93 students completed C Programming course and 101 students completed C++ Programming course from IIT Bombay Spoken Tutorials on 20/06/22.

iv. 31 Students from II B.Tech completed the course "Complete Modern C++" in Infosys Springboard Platform in May 2022.

v. A total of 2 Students from II year completed NPTEL course on "An Introduction to Programming through C++" from January to April 2022.

vi. 1 Student from III year completed NPTEL course on "Introduction to Machine Learning" from January to April 2022.

vii. 1 Student from III year completed NPTEL course on "Programming in JAVA" from January to April 2022.

viii. A total of 2 Students from II year completed NPTEL course on "Programming, Data Structures and Algorithms using Python" from January to March 2022.

ix. 1 Student from II year completed NPTEL course on "Introduction to Programming in C" from February to April 2022.

i. A total of 48 Students from IV year and 41 students from III year completed Cyber Security Virtual Internship by Palo Alto, AICTE Eduskills from March to May 2022.

ii. A total of 16 students from II year and 15 students from III year completed Robotic Process Automation internship by Blue Prism, AICTE Eduskills from March to May 2022.

iii. A total of 12 students from III year and 4 students from IV year completed AI-ML internship, AICTE Eduskills from March to May 2022.

iv. A total of 6 students from III year completed AWS internship, AICTE Eduskills from March to May 2022

Total 267 placements bagged by 2018-2022 batch students and 43 offers in the period of January-June 2022. Details of January- June 2022 placements are given below.

s.No	RegdNumber	Name of the Students	Company Name	Count	Package	PKG
1	18501A1202	Ammisetti Surya Charan	MINDTREE	1	4LPA	400000
2	18501A1224	Choragudi. Sunil Kumar			4LPA	400000
3	18501A1225	Danthamsetty Vivek			4LPA	400000
4	18501A1255	Kunchanapalli Yesu Dasu	REVATURE	3	4LPA	400000
5	18501A1250	Konakanchi Vinay	ZOHO	1	5LPA	500000
6	18501A1272	Neerudu Anusha			5LPA	400000
7	18501A12A1	Syed Afrin Bano			5LPA	400000
8	18501A12A6	Uppalapati Mounika			5LPA	400000
9	18501A12B8	Vunnam Sowmya	NTTDATA	4	5LPA	400000
10	17501A12A0	Rayineedu Navya Chowdary	TRICON INFOTECH	1	6LPA	600000
11	18501A12A1	Syed Afrin Bano			3.6LPA	360000
12	18501A12A6	Uppalapati Mounika			3.6LPA	360000
13	18501A12B8	Vunnam Sowmya	TECHMAHINDRA	2	3.6LPA	360000
14	17501A1249	Jahnavi Arise	HEXAWARE	1	4LPA	400000
15	18501A1219	Ch R S V Amrutha kalyani	INFOSYS	1	9.50LPA	950000
16	18501A1233	Gadde.Abhishek			5LPA	500000
17	18501A1298	Sole Therisa			4.45LPA	445000
18	18501A1297	S.Anusha			3.5LPA	350000
19	18501A1240	G.Anil			3.5LPA	350000
20	18501A12A3	T.Sai Sravanthi	NAVKONE	5	3LPA	300000
21	18501A1285	R.Sai Kumar	INFOSYS	1	4LPA	400000
22	18501A12A1	Syed Afrin Bano	INFOSYS	1	3.60LPA	360000
23	19505A1209	Mekala Siva Rama Krishna	INFOSYS	1	3.60LPA	360000

24	18501A1218	Ch.Uma Vaishnavi	TCS-DIGITAL		7LPA	700000
25	18501A1254	K.Anjali	TCS-DIGITAL	2	7LPA	700000
36	19505A1202	Bala Jayanth Kumar	turingminds.io		6.25LPA	625000
37	19505A1205	Ghanta Divakar	turingminds.io		6.25LPA	625000
38	19505A1206	Koppisetti Govind	turingminds.io		6.25LPA	625000
39	18501A12B2	Veeradimma Hari Priya	turingminds.io	4	6.25LPA	625000
40	18501A1266	Mulpuri Sai Krishna			4.25LPA	425000
41	18501A1284	Ravela Pavani	HCL	2	4.25LPA	425000
42	18501A12B5	Vemula Bhargavi	SPERIDIAN	1	4LPA	40000
43	18501A1236	Gatram Rajeswari	AIRBUS	1	12LPA	120000

OTHERS

i. Dr A.Haritha, Dr.D.Kavitha, Mrs.J.Sirisha, Dr.G.Reshma, Dr. Y. Suresh, Dr. S.Sai Kumar, Dr. G.Lakshmi, Dr K. Pavan Kumar, Dr. Y.Padma, Mrs.D.Leele Dharani, Mrs. K.Swaroopa Rani, Miss. K.Sri Vijaya, Mrs. V.Rashmi, Mr. P.Ravi Prakash, Mr.IMV Krishna and Mr. Ch.Praneeth obtained ACM Indian one year professional membership in the month of June.

ii. Online BOS meeting was conducted on 23rd April, 2022. External BOS members Dr. Madhu Muthyam, Professor, Dept. of CSE, IIT, Madras, Dr.R.B.V.Subramanyam, Professor, HOD, Dept. of CSE, NIT Warangal, Mr. G.V.Rajesh, Sr.Architect, Optum Global Solutions, Hyderabad, and Mr.SD Kamalakar L, Project Lead IBM, HUDA Techno Enclave, Hitech City, Telangana attended along with the internal members.

iii. Mr.D Srinivasa Rao got a best researcher award in the international scientist awards on Engineering, Science and Medicine, held on 18th June 2022 Coimbatore, India organized by VDGOOD Associates.

iv. Department of IT conducted cultural activities on 25th May, 2022.

v. Dr. K. Pavan Kumar acted as a coordinator for Quizite event in SITAR 2K22 organized by Department of IT, PVPSIT on 25.03.2022.

vi. Dr. A. Haritha acted as a coordinator for Institute Level Internal Hackathon organized by Institute Innovation Council at PVP Siddhartha Institute of Technology on 10th March 2022.

vii. Dr. A. Haritha acted as coordinator for Workshop on Entrepreneurship Skill, Attitude and Behavior Development organized by IIC, PVPSIT on 7th March, 2022.

viii. Dr G Reshma conducted a National Level Hacakthon "HACKATHON 2022" on 19.3.2022 for all B.Tech students.

ix. Dr G Reshma Applied for a project on "Design and Development of Email conversational Recommender systems using NLP" in MSME 2022 HACKATHON conducted by Government Of India, Ministry Of Micro, Small & Medium Enterprises.

x. Dr G Reshma conducted an event "TECHNICAL COLLAGE" for B.Tech students on 26th March 2022 through Google meet

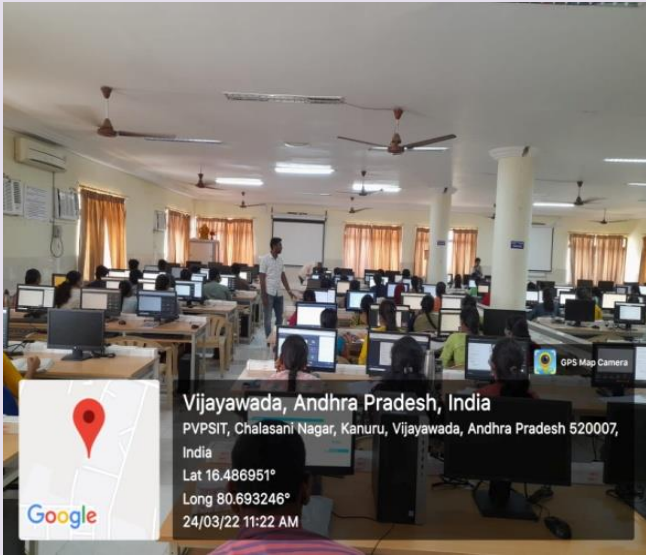# How to Handle Change Resistance

Employee resistance to change is one of the perplexing and stubborn issues that corporate executives deal with. Such resistance may manifest itself in a variety of ways, including persistent output reduction, an increase in "quits" and transfer requests, recurring disputes, glum hostility, wildcat or slowdown strikes, and, of course, the expression of numerous illogical justifications for why the change won't work. Even the smaller manifestations of this resistance might cause issues.

Executives all too frequently explain change resistance by using the cliche that "people oppose change" and never take a closer look. But industry must always undergo changes. This is especially true of the crucial "small" changes that regularly occur, such as adjustments to working methods, customary office practises, the placement of equipment or workstations, and staff assignments and job titles.

Does this mean that corporate management will always have the difficult task of "pushing" change down the throats of people who are opposed to it? No, is my response. The article's thesis is that individuals don't generally oppose technological change, and the majority of what opposition there is is needless. I'll talk about a few things, like:

1. Getting the individuals concerned to participate in the change is a strategy that has gained popularity in recent years for coping with resistance to change. Practically speaking, management should not approach the issue by using "participation" as a tool. In fact, it might cause problems.

2. Understanding the underlying nature of resistance is the solution to the issue. Actually, the change in their interpersonal interactions that frequently comes along with technical change is what employees typically reject, not the technical change itself.

3. Because staff specialists are so focused on the technical details of novel concepts, they often have certain blind spots and attitudes that lead to resistance.

4. Management can act decisively to deal with these employee attitudes in a positive way. The measures entail stressing new performance requirements for staff specialists, encouraging them to think differently, and utilising resistance.
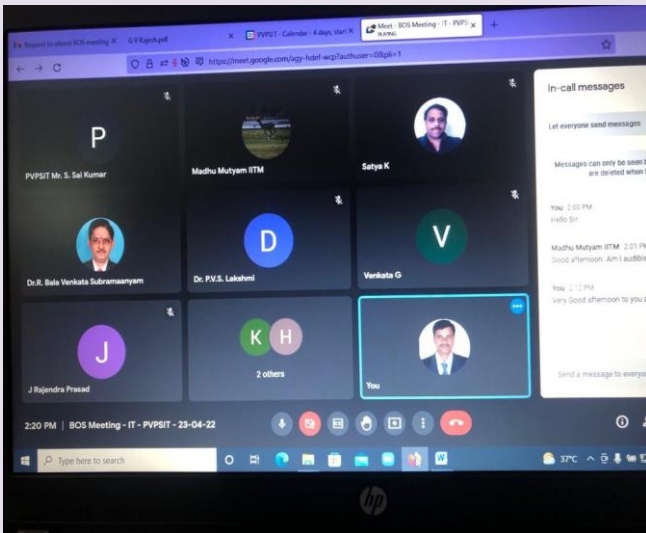
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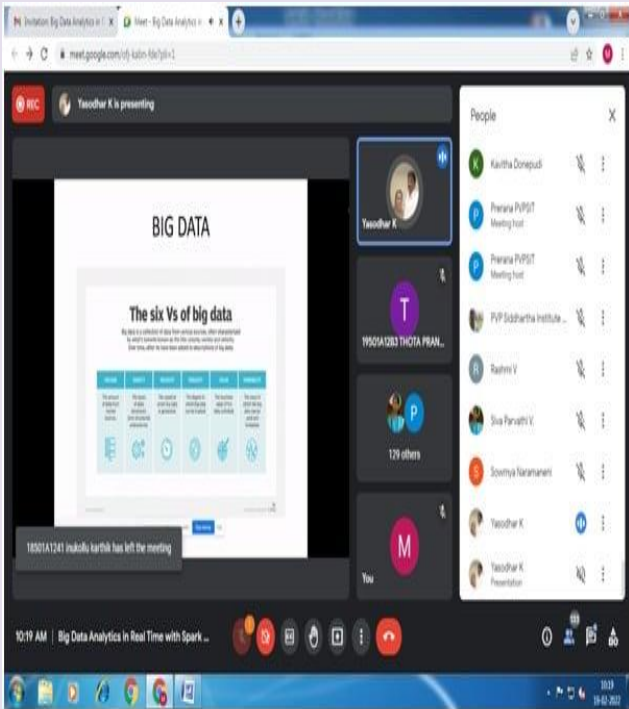
Competitive Coding

Achievers Day

Online BOS Meeting
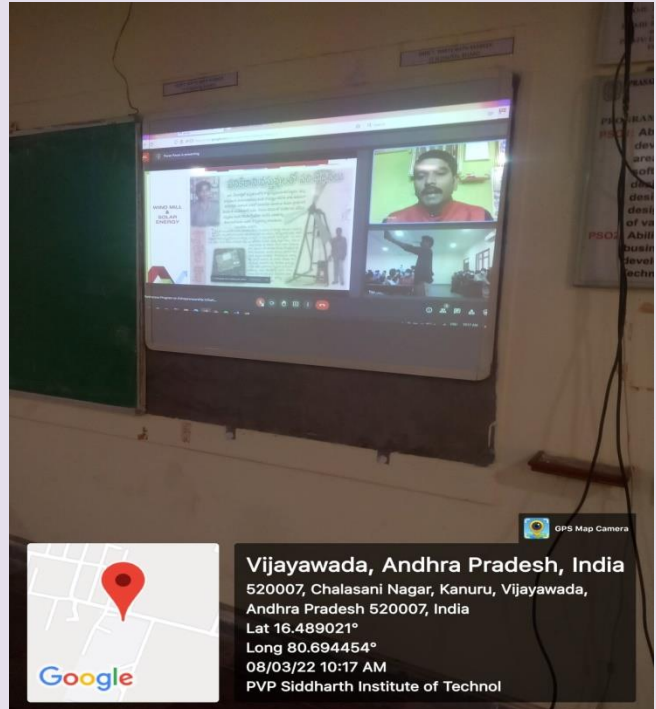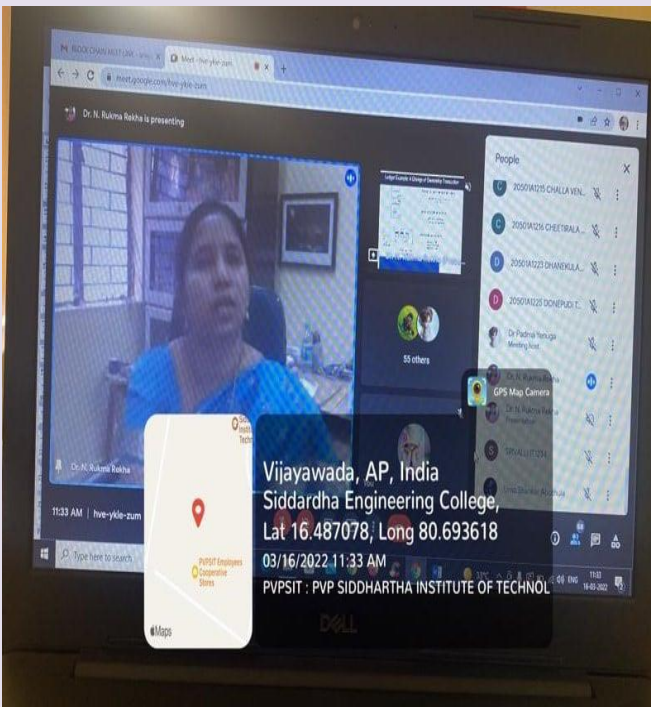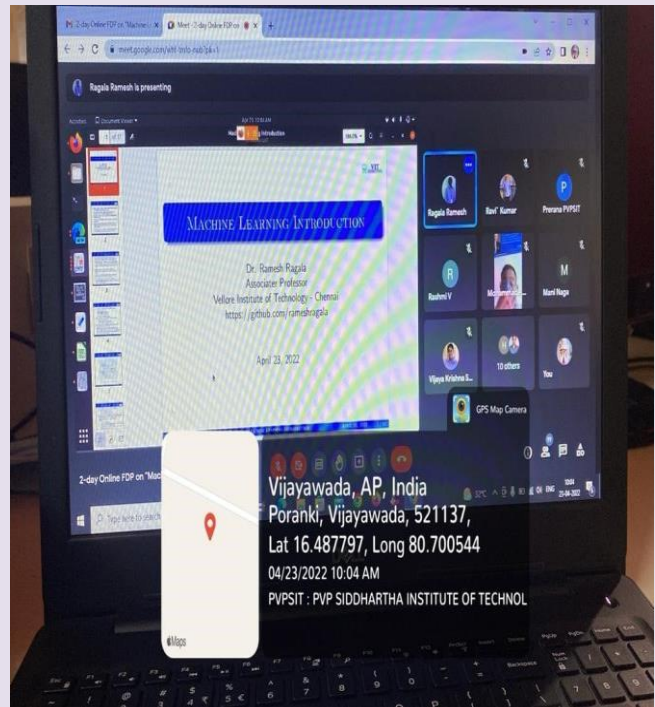

Hackathon 2022

Student Induction Program

Big Data Analytics in Real Time with Spark
using Scala for Developers

Entrepreneurship Initiative

Block Chain and its Applications

Machine learning : Techniques and Applications