



Wayanamac Education Trust (R)
DON BOSCO INSTITUTE OF TECHNOLOGY

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Annual Report for the year May 2023-June 2024

1. Statistical Data of Staff and Research Scholars

Sl. No.	Particulars	ECE	CSE	ISE	AI& ML	AI& DS	EEE	ME	CV	MBA	PHY	CHE	MATHS
1.	No. of Teaching Staff	33	42	21	15	11	14	07	04	07	07	06	10
2.	No. of Non-Teaching staff	10	10	09	05	05	06	04	02	02	02	02	01
3.	No. of Research Guides	07	04	02	01	02	01	10	01	01	03	01	02
4.	No. of Research scholars	09	02	07	04	04	07	16	02	04	00	03	02

2. Activities/Events of Department conducted for Staff

Dept.	Sl. No.	Name of Event	Date		Resource Person/s	No. of Participants
			From	To		
EC	1.	Advanced wireless communication: 5G Technologies.	22-06-2024	24-06-2023	Dr.K.S.Shushrutha Dr. Mahesh A Dr. Siddalingappa G B Dr. Sudheendra Mr. Nagacharan	43
AI&ML	2.	FDP on MERN Full Stack Development	15-04-2024	19-04-2024	Mr.Balaji V & Dr. Anasuya N J	14
CSE	3.	International Seminar on “WSN for Radar Sensing in Assisted Living: An Overview”	18-03-2024	18-03-2024	Dr. Julien Le Kerneec Dr. G.Sadashivappa	
AI&DS	4.	Design of electronics circuits for Embedded systems and IOT”	23-06-2023	23-06-2023	Dr. Nagaraja P	100
	5.	Basics of C Programming and It’s Applications to Data Structure”	20-11-2023	20-11-2023	Prof. Keshav Murthy	67
	6.	AI-Driven robotics Process Automation Design & Development(RPA) Using Ui Path	22-01-2024	27-01-2024	Mr.Ismail Naganoor Mr. Ganesh Bhat Mr. Ameera Basha P Mr. Swaraj Kumar	60
	7.	Data Science It’s Applications(FDP)	13-05-2024	17-05-2024	Dr.Ranjini P S Dr. Gowramma G S & Mr. Hemanth kumar	40
Chemistry	8.	Research Internship Programme on Nano material synthesis and Its applications.	8-07-2024	13-07-2024	Dr. Ramesh K B	16
ISE	9.	ATAL FDP on AI-Driven Robotic Process Automation Design and Development (RPA) Using Ui Path.	22-01-2024	27-01-2024	Dr. B K Raghavendra	60

Maths	10.	Health Screening Camp	24-06-2023	-	Prof. B S Rajanikanth.	All faculty and students
	11.	Distinction Award Ceremony	09-06-2023	-	Prof. B S Rajanikanth.	All faculty and students
	12.	Vismay	09-06-2023	10-6-2023	Former Miss Karnataka Prathibha Shamshimatt	All faculty and students

3. Activities/Events of Department Conducted for Students

Dept.	Sl. No.	Name of Event	Date		Resource Person/s	No. of Participants
			From	To		
CSE	1.	Seminar on “Computer Organization”	17-02-2024	17-02-2024	Mr. Akshay Katti	180
	2.	Guest Talk on “Unveiling the Power of Machine Learning”.	23-02-2024	23-02-2024	Mr. Sunil Kumar P	100
	3.	Workshop on "Web Scraping using Python"	06-04-2023	06-04-2023		
	4.	Workshop on “Computer Network and Security”	16-06-2023	16-06-2023	Dr. Gururaj H L	150
	5.	Workshop on “Microcontrollers& Embedded Systems”	20-06-2023	20-06-2023	Dr. Anilkumar D Prof. Thyagaraj T	180
	6.	‘Cryptography’ seminar was organized by DBIT	06-10-2023	06-10-2023	Dr. Thejaswini S Prof. Mamatha KR	168
	7.	“MYSTORY” motivational speech by successful entrepreneur	06-11-2023	06-11-2023	Mr. Basavaraj CH	175
	8.	Kernal-Ainsider’s view seminar was organized	22-12-2023	22-12-2023	Mr.Vamsi Krishna	100
AI& DS	9.	Hands-on Network Simulator-2 Concepts & Its Applications in Computer Networks.	29-12-2023	29-12-2023	Dr. Siddalinga Biradar (DSAMT)	59
	10.	Mini Project Using Full Stack Angular J S and MySQL	23-02-2024	23-02-2024	Mr. Vivek V Pai	59
	11.	Data Science It’s Applications(SDP)	13-05-2024	17-05-2024	Dr. Ranjini P S, Dr. Gowramma G S & Mr. Hemanth Kumar	50
	12.	Forum inauguration Data sphere	1-02-2024	1-02-2024	Dr. Nagabhushana B S	126
EEE	13.	My Entrepreneurship Journey	22-11-2023	---	Mr Sai Manoj C	120
	14.	Recent trends in IT Sector for Freshers	17-06-2023	08-07-2024	Mr. Mallappa Lagaloti	50
	15.	Industrial Automation.	09-02-2024	17-02-2024	Ms. Priyanka	67
	16.	Design of Electronic Circuits for Embedded and IoT.	23-06-2023	---	Dr. Nagaraj P	67
PHY	17.	I-Phase Induction program	14.09.2023	22.09.2023	Dr. Koushalya P R	600
	18.	Guest lecture on Advancements and Innovations in Civil Engg. for ECE professionals	21.11.2023	21.11.2023	Prof. Raghavendra R	100
	19.	Guest lecture on Powering Progress: The vital role of Electrical Engineering in modern society	24.11.2023	24.11.2023	Prof. Sharmila R. S.	130
	20.	Parent Teachers meeting - 1	29.11.2023	29.11.2023	Physics cycle Faculty members	400

	21.	Vignanotsava- 2023	29.12.2023	30.12.2023	Physics cycle Faculty members	800
	22.	National Science day - 2024	28.02.2024	28.02.2024	Physics cycle Faculty members	400
	23.	Parent Teachers meeting - 1	15.05.2024	15.05.2024	Physics cycle Faculty members	400
	24.	Guest lecture on IOT Revolution: A sneak peak	25.05.2024	25.05.2024	Prof. Swetha K	60
	25.	Guest lecture on unveiling the world of civil engineering	25.05.2024	25.05.2024	Prof.Gobinath S	47
	26.	Guest lecture on cyber awareness in cyber crime	25.05.2024	25.05.2024	Prof. Chaitra S	63
	27.	Guest Lecture on Spark your curiosity on the importance of EEE for 21st century	25.05.2024	25.05.2024	Prof. Padmashree V Kulakarni	73
	28.	Industrial visit at UR Rao satellite centre	29.05.2024	29.05.2024	Dr. Koushalya P R	60
AI& ML	29.	Orientation Programme of Capgemini-TNSCSR Training Programme	04-06-2024	04-06-2024	Ms.Ruth Anna Jacob & Ms. Nandini H P	115
	30.	Seminar on “Awareness on Entrepreneurship ”	22-11-2023	22-11-2023	Dr.Buvaneswari P	125
	31.	Technical Talk on “Industry 4.0”	13-12-2023	13-12-2023	Dr. Anasuya N J	124
	32.	Workshop on “Advancement in Futuristic5G/6G Technology”	29-05-2024	29-05-2024	Mr. Sunil Gowda R	137
	33.	“Industrial Visit to Rakuten Technology Conference”	18-11-2023	18-11-2023	Ms.Kursheed B	124
	34.	Mechanical Industry Specific CAD Software's	07-12-2022	-		43
MB A	35.	Industrial Visit to Motherson Automotive Technology & Engineering, Bidadi	14-08-2024& 19-08-2024	14-08-2024& 19-08-2024	-	60
	36.	Navigation towards Career Path	18-08-2023	18-08-2023	Prof.SanjeevC	60
	37.	My Entrepreneurship Journey– Episode-02	09-12-2023	09-12-2023	Mr.Nagendra Prasad Kumble	59
	38.	Industrial Visit to Toyada Gosei South India Pvt Ltd, Bidadi	16-12-2023		-	
	39.	Commodity Derivatives & Markets	20-12-2023	20-12-2023	Dr.KPrabhakaran	60
	40.	Business Simulation	22-02-2024	22-02-2024	Mr.AnanthramBS	118
	41.	Placement training On Financial Modelling and HR analytics	15-04-2024	04-05-2024	-	58
CHE	42.	Session on problem solving & ideathon workshop on entrepreneurship	11-11-2023	11-11-2023	ProfShivalingappa	187
	43.	Navigating The Molecular Realm: Computational Chemistry for Aspiring Engineers	18-11-2023	18-11-2023	Mrs.Gangaperiyaswamy	300
	44.	Industrialization And Its Impact On Environment And Society	08-12-2023	08-12-2023	D.R Kumaraswamy	58
	45.	Proficiency In Communication	08-01-2024	08-01-2024	S. Gayathri	68
	46.	Padagogy Classes For Advanced Learners	08-01-2024	08-01-2024	Prof.Shivarajkumar S	23
	47.	Remedial Coaching for slow Learners	22-01-2024	22-01-2024	Prof.Shivarajkumar S	56
	48.	PTM2022-23	15-2-2024	15-2-2024	Prof.K.Krishnaveni	60
	49.	PTM2023-24	17-05-2024	17-05-2024	Prof.K.Krishnaveni	25

50.	Extempore-Pick and speak	7-05-2024	7-05-2024	Dr.Sushma NV	15
51.	Opto electronic Materials And Memory Device	28-05- 2024	28-05-2024	Dr.Nagaraju Ganganagappa	73
52.	Past, Present & Future of Battery technology	28-05-2024	28-05-2024	Dr.Nagaraju Ganganagappa	65
53.	One day endowment seminar on energy saving servo drive solutions plastic Injection mouldings	23-08-2024	23-08-2024	Sanjay Shah	15

4. MOU's

Dept.	Sl. No.	Name of Company/ Institute	Valid Date		Activity Details
			From	To	
EC	1.	Edgate	September 2021	Till 1 st or 2 nd party terminates	Internship
ISE	2.	Rapsol Technologies	2023	2023	Internship
EEE	3.	My EV Academy	July 2023	July 2026	
	4.	Pyrawindo Power Academy	Jan 2024	Jan 2027	
	5.	V V Technologies	March 2019	March 2019	
CHE	6.	Research Internship Programme on Nanomaterial synthesis and its applications	8-07-2024	13-07-2024	Hands on training
	7.	One day endowment seminar on energy saving servo drive solutions plastic injection mouldings	23-08-2024	23-08-2024	Sanjay Shah
AI& ML	8.	CAPGEMINI	23-01-2023	On-going till date	Full Stack Training Program in Hybrid Mode (offline + online) Batch-1 Completed. Batch-2 On-going.
AI&DS	9.	Infosys	18-03-2024	17-03-2029	1. Introduction to MongoDB course for beginners 2. The MERN stack FSD 3. Machine learning foundation certificate 4. Data Science using Python certification 5. Data Structures and its Algorithms 6. Object Oriented programming with JAVA 7. Data Visualization with Power BI 8. Computer Networks 9. Deep Learning
	10.	Excel-R	21-11-2023	20-11-2025	
MBA	11.	Fintopedia Mumbai	28/08/2024	28/08/2027	Conducted workshop on "Bazaar Shastra 2024" 06/03/2024 by Mr. Nachiket Save

5. Research Details

Dept.	Sl. No.	No. of Books Published	No. of Research Paper Published	No. of Research Papers Presented	No. of Conference/ Symposium / Seminar/Workshop attended by the teachers		No. of invited Lectures delivered by the Teachers	No. of FDPS/ STTP S	No. of FDPs/certifications in NPTEL/Course Era completed.
					Foreign	National			
EC	1.	2	5	-	-	1	-	39	39
CSE	2.	-	9	-	-	-	-	-	-
ISE	3.	1	9	-	-	03	1	44	-
AI&ML	4.	3	13	0	17	0	2	0	53
EEE	5.	1	3	-	-	-	-	31	20
MBA	6.	-	3	-	-	-	-	1	3
CHEM	7.	01	04	01	01	-	7	01	04
PHY	8.	-	3	-	-	-	-	-	-
MATHS	9.	-	02	01	0	2	0	1	3
AI&DS	10.	03	03	03	00	04	01	-	23

6. List of Major & Minor Research Projects during the year 2023-2024

Dept .	Sl. No.	Name of the Teacher/ Principal Investigator	Project Title	Year of Sanction	Funding Agency	Total Amount Sanctioned	Amount utilized during current year
EC	1.	Dr. Bhagya P. Dr. Ashwath Narayana B.S.	Nurturingfeminine Safetyandhygiene Solution-Napkin Vending&Disposal Qr Code System	2023	KSCST, 47 th series	Rs.5500/-	2023
	2.	Dr. Ashwath Narayana B.S.	Pan Gel Polymer Based PvdF/Cnts Coatedaluminium-Airbattery(AI-Air Technology - Requires No Electricity)	2023	KSCST, 47 th series	Rs.5500/-	2023
	3.	Mrs. Tejaswini M. L.	Raspberry pi based Wearable Text To Speech companion for eyes free Reader	2023	KSCST, 47 th series	Rs.5500/-	2023
	4.	Prof. Sureshah. S	Traffic control System using IoT and Machine Learning for Adaptive Ambulance	2023	KSCST, 47 th series	Rs.5000/-	2023
AI& ML	5.	Dr. Anasuya N J &Dr. Manu K S	Samrakshan	2024	KSCST	Rs.4000/-	2024
	6.	Dr. B Kursheed	Construct net: Application for Construction Management & Intelligent Recommendation	2024	KSCST	Rs.5000/-	2024
EEE	7.	Dr. R Anguraja	Design And Fabrication of Rotary Spark Gap Switch For Plasma Applications : Study On Seed Germination.	2023	KSCST	Rs.4500/-	2024

PHY	8.	Dr. Koushalya P R & Dr. Karthik Kumar M B	Size Dependent Magnetic And Dielectric Properties Of Certain Doped Manganites	2023	VGST	30L	NIL
ISE	9.	Mrs. Supriya	A Novel Approach For Secured Authentication Using Artificial Intelligence And Machine Learning	2023	Kscst	4,000/-	2023
	10.	Prof. Rajshekhar M Patil	Idea Of Decentralization Using Block Chain In Book Worms Edition	2023	KSCST	4,000/-	2023
	11.	Prof. Shankar Gowda S	Deep Neural Network Approach Based On Multi Modal Biometric System With Fusion Of Face And Finger Vein Recognition For Cyber Security	2023	KSCST	4,000/-	2023
	12.	Prof. Shankar Gowda S R	Multimodal Biometric Authorization Using Feature Fusion Of Fingerprint And Face Using Cnn Approach For Cyber Security.	2023	KSCST	4,000/-	2023
	13.	Mrs. Shridevi Sali	Payment System Based On Indentity Verification Inmetro Station	2023	KSCST	4,000/-	2023

14. List of Publications in reference citation format

Dept.	Year	Publication Details
CSE	2024	Prof. K S Raghu Kumar , Ankith Gowda M , Aswin B Prasad , AnishA, Amruth Kaginakar “Secure Cloud Search Using Dual Server with Key Encryption “,International Journal of Innovative Research in Science, Engineering and Technology, Volume 13, Issue 5 ,May 2024 DOI:10.15680/IJRSET.2024.1305359
	2024	Dr.Thippeswamy,Dr.Asha K H 2,Kumar Saurav, Anand Yadav, Amalan Stephen RajA, A astha Jain “ROAD LANE LINE DETECTION USING PYTHON & OPENCV” International Research Journal of Modernization in Engineering Technology and Science, Volume:06/Issue:05/May-2024 DOI:https://www.doi.org/10.56726/IRJMETS58215
	2024	Mrs. Champa C H, Amaresh H, Tejas S, Vinutha H K, Yashwanth N“ ANIOT–BASED PLANT WATERING SYSTEM THROUGH SOIL MOISTURE SENSING” International Research Journal of Modernization in Engineering Technology and Science Volume:06/Issue:04/April-2024 , pp11627- 11634
	2024	Mr. Ranjeet Kumar , Neha H Savekar, Nischitha D, Parul Sharma, Rachana B “COMPARATIVE ANALYSIS OF CNN MODELS FOR ENGLISH AND KANNADA HAND WRITTEN DIGIT RECOGNITION” International Research Journal of Modernization in Engineering Technology and Science Volume:06 /Issue:05/May-2024DOI : https://www.doi.org/10.56726/IRJMETS57686
	2024	Mrs. Saraswathi G Datar,Srinivas S,Tejas M,Uday Kiran N,Shashank D V “LRS_PKI:ANOVEL BLOCK CHAIN-BASED PKIFRAME WORK USING LINK ABLE RING SIGNATURES” International Research Journal of Modernization in Engineering Technology and Science Volume:06/Issue:05/May-2024 DOI:https://www.doi.org/10.56726/IRJMETS56267
	2024	Mrs.Saraswathi G Datar, JithinR, Harshith B,Gowtham J, KunalJainP “HEALTH LINK-SMART HEALTH CARD WITH AI FOR PERSONALISED MEDICATION” International Research Journal of Modernization in Engineering Technology and Science Volume:06/Issue:05/May-2024 pp-5273- 5276
	2024	Mr.Mohammed Kaleem,Ruchit kumar, Ganesh, Shubha N, Tamheed Sarwath, Sadiq Ahmed” DRIVER DROWSINESS DETECTION SYSTEM BY CALCULATING EYE ASPECT RATIO AND YAWN DETECTION USING PYTHON” International Research Journal of Modernization in Engineering Technology and Science Volume:06/Issue:05/May-2024 DOI: https://www.doi.org/10.56726/IRJMETS57197
	2024	Dr.Thippeswamy G R, Ashwini Veeranna Chegaraddi, Divya S Mavinakai,Inchara R,Nithya Kalinge “PREDICTION OF TERRORIST NETWORK” International Research Journal of Modernization in Engineering Technology and Science Volume:06/Issue:05/May-2024pp-4642-4646
AI&DS	2023	Meghana H M, Shruthi A S, Ravikumar D, yashaswini S“Smart IOT kitchen Automation and Grocery Management”, International Journal of Innovative Research in Computer and Communication Engineering, Publication ISSN:2320-9801,Volume II,Issue11,November20203.pp.11567-11570.
	2024	Subhashini B N, Dr. Pramila, “Power Losses Reduction of Stacked Multicell Converter Fed Wind Energy Conversion System (WECS) using Hybrid Methodology”,International Journal for Multidisciplinary Research Publications, E-ISBN:2582-2160,Volume 6, Issue-1,January-February2024, IJFMR240112816.
	2024	Deepasree sasi Kumar, Ranjini Poojakulangara Shankara warrier, Veerabhadraiah Lokesh, Marannagari Phaniraju,“Topological Indices of some operations in cycle graphs related to EV and VE degrees”Montes Taurus Journal of Pureand Applied mathematics”,Publication:2 february2024, ISSN:2667-4814,pp.1-11
	2023	Anasuya N. Jadagerimath, "A Machine Learning based consumer power management system using smart grid " IEEE, 2023 978-1-6654-5648- 7/22/\$31.00@2022 IEEE.

AI&ML	2023	Dr.Anasuya N J adagerimath“A Machine learning based smart grid for home power management using cloud – edge computing system”
	2023	Manu K S, "A Machine learning based smart grid for home power management using cloud-edge computing system", IEEE, 2023978-1-6654- 5648-7/22/\$31.00@2022 IEEE.
	2023	Manu K S, "A Comprehensive Overview of the Novel Approach to Detect Alzheimer's Disease using deep learning and Convolutional Neural Network "IEEE,2023978-1-6654- 5648- 7/22/\$31.00@2022 IEEE.
	2023	Dr.Rakshitha CM “Blockchain Technology Review: Consensus mechanisms and Applications”
	2023	Dr. Rakshitha C M “Hybrid Secure Algorithms and Optimal Block chain to Ensure E-Voting Data Immutability at Cloud”
	2023	Dr. Chethan Chandra S Basavaraddi “Classifying Social Media Comments Using Machine Learning”
	2023	Dr.Chethan Chandra S Basavaraddi“A Project Workon Water Refilling Management System”
	2023	Dr.Chethan Chandra SBasavaraddi“ Telemedicine and E-Health advantages with reference to Prediction of Cardiac Disease in Humans”
	2023	Dr.Chethan Chandra S Basavaraddi “Efficient and Secure Apartment Visitor Management System”
	2023	Dr. Chethan Chandra S Basavaraddi “A Project Work on Computer Vision Based Indoor Navigation System”
	2023	Dr.Chethan Chandra S Basavaraddi “AProject Work on Efficient and Intelligent Decision Making for Eco-Fertilization
	2023	Dr. Chethan Chandra S Basavaraddi “Leveraging Machine LearningTechniques for Improving Heart Disease Prediction Systems Using Feature Selection”
	2023	Dr. Chethan Chandra S Basavaraddi “Multilayer Perceptron for Brain Image Classification using Stationary Wavelets”
	2023	Dr.Chethan Chandra S Basavaraddi “A Project Work on Water Refilling Management System”
	2023	Dr. Chethan Chandra S Basavaraddi “Tele medicine and E-Health advantages with reference to Prediction of Cardiac Disease in Humans”
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	2023	Dr. Chethan Chandra S Basavaraddi “Leveraging Machine Learning Techniques for Improving Heart Disease Prediction Systems Using Feature Selection”
	2023	Dr.Chethan Chandra S Basavaraddi “Multilayer Perceptron for Brain Image Classification using Stationary Wavelets”
	2023	Dr. Chethan Chandra S Basavaraddi “Optimizing Water Distribution Pump Scheduling with SVM-Based Machine Learning Using IoT Sensor Data”” Smart Personal Protective Equipment in Ambulance Services with IoT Integration for Safety”
	2023	B Kursheed, "CHIROPLAY”
	2023	B Kursheed, "REINVENTING CONSTRUCTION SERVICES WITH MACHINE LEARNING, AND INTELLIGENT RECOMMENDATIONS”
	2024	Dr. Emmanvel Raj M Chirchi “Optical Sensor for Water Bacteria Detection using Machine Learning” International Journal 21 March 2024 International Conference 28/02/2024.
	2024	Dr. Emmanvel Raj M Chirchi “Pattern matching for there is biometric recognition system uses KNN and fuzzy logic classifier techniques”
	2024	Dr. Rekha S “An Efficient Low-Power Reconfigurable Model For CMOS- Based SRAM Using FPGA” International Journal 2024.
	2024	Dr. Rekha S “An efficient unused integrated circuits detection algorithm for parallel scan architecture” International Journal 2024.
	2024	Dr. Rakshitha C M “A novel smart contract based block chain with sidechain for electronic voting.” International Journal 2024.
	2024	Dr.Rakshitha C M “A Review on Fundamental Principles of Quantum Cryptography” International Conference 2024.
	2024	Dr. Chethan Chandra S Basavaraddi “Cloud-based Data Analytics for Automated Coastal Cleanup Robots with Convolutional Neural Network” International Conference 2024
	2024	Dr. Chethan Chandra S Basavaraddi “Real-Time Incident Detection and Response with Isolation Forest Algorithm and Cloud Infrastructure” International Conference 2024
	2024	Dr. Chethan Chandra S Basavaraddi “Real-Time Incident Detection and Response with Isolation Forest Algorithm and Cloud Infrastructure” International Conference 2024
	2024	Dr. Chethan Cha” Advanced Process Control in Manufacturing using IoT Devices and Artificial Neural Networks ndra S Basavaraddi” International Conference 2024
	2024	Mr.Sanjay Kumar ““An Analysis of Light Weight Symmetric Encryption Algorithms for Secure Data Transmission in Iot” IEEE.” International Conference 024.
MBA	2024	Dr.Buveneswari P, “A study on the Economic conditions on stock returns at both the Firm and industry levels with reference to textiles industry ”published in Indian Journal of Economics and Finance
	2024	Dr. Buveneswari P, “A comprehensive analysis of risk and return for in for med decision making and strategic investment choices by evaluating investment opportunities in Selected extile industry ”publication in the European Chemical Bulletin (ISSN:2063- 5346)

	2024	Dr.Teena Jaculin G, "A study on understanding the impact of virtual reality and the metaverse on economic activities switching from E-Commerce to V-Commerce" Publication in Educational Administration theory and practice volume. 30No.6(2024) indexed by Scopus
EEE	Aug2023	Mrs. Padmashree V Kulkarni, Comparative Analysis of Different Controllers for Adjustable Speed Switched Reluctance Motor using Closed Loop Operation, Intelligentsystems and applications in engineering, ISSN:2147-6799, PP:11(4),132-140
	Feb 2024	Mr. R Santhosh Kumar, Recent Trends in Development of magnetic material for power electronics applications: A review, 2023 International Conference on Smart Systems for applications in Electrical Sciences(ICSSSES) 979-8-3503- 4729-6/23/\$31.00©2023IEEE DOI:10.1109/ICSSSES58299.2023.10201073
	2024	Mrs. Padmashree V Kulkarni, Ultraviolet Sterilization Disinfectant Robot for Combating the COVID-19 Pandemic, Computational Intelligence in Machine Learning Proceedings of the 2nd International Conference ICCIML 2022. ISSN1876-1100 ISSN 1876-1119(electronic) Lecture Notes in Electrical Engineering ISBN 978-981-99-7953-0 ISBN978-981-99-7954-7(eBook) https://doi.org/10.1007/978-981-99-7954-7
	Oct2023	Dr,R.Anguraja, Renewable Energy Sources and Emerging Technology, Deccan International Academic Publishers, First Edition,ISBN:978-81-965752-6-7
PHY	2023	S. Arun Kumar, S.K. Shashi kumar, M.R. Ambika, M.B. Karthik Kumar, N. Nagaiah ,Mayeen Uddin Khandekar (2023) Photon attenuation computational software tools-A comparative study. Physics Open, Volume 17 p.100175, https://doi.org/10.1016/j.physo.2023.100175
	2023	A. Madhu, N.S. Abd EL-Gawaad, Suhad Ali Osman Abdallah, Sunanda T. Dadami, B.G. Hegde, T. Uthayakumar, Karthik Kumar. M.B. Srinatha N (2023). Unravelling the conductivity behaviour of thermally stable Li ₂ O- Bi ₂ O ₃ -B ₂ O ₃ -P ₂ O ₅ glasses embedded with V ₂ O ₅ , Ceramics International, Volume 49, Issue 17, Part B, 1 September 2023, Pages 28781-28793. https://doi.org/10.1016/j.ceramint.2023.06.138
	2023	Madhusudhan, M. S., Surendra, H. J., Rajendra, H. J., Chinmay, V., &Udaygowda, U. S. (2023). Removal of hardness using natural and synthetic water treatment system for safe and sustainable water supply in the Indian context. Sustainable Water Resources Management, 9(6), 179. https://doi.org/10.1007/s40899-023-00954-8
CHE	2023	Anu Sukhdev, A.S.Manjunatha, Use of Cu(II) catalyst assisted oxidative colorization of dye by chlorinating species in water: A kinetic and mechanistic study with acid red 1 dye, Volume 16, August 2023, 100435 https://www.sciencedirect.com/science/article/pii/S2666523923000703?via%3Dihub
	2023	A.S. Manjunatha Bimetallic CuO-ZnO Hybrid Nanocomposite Materials for Efficient Remediation of Environmental Pollutants ISSN number 2365-6549, doi.org/10.1002/slct.202300583
	2023	A.S. Manjunatha, Sono chemical synthesis of nickel tungstate (NiWO ₄) nanoparticles for dye degradation and electrochemical sensing of lead ions in environmental samples, ISSN number 13877003 https://doi.org/10.1016/j.inoche.2023.111346
	2023	Dr.N V Sushma, Advances in Chemical Biology-An Approach for Future Perspectives ISBN/ISSN 979-8-88940-057-8 SHINEEKS Publishers

6. No. of Patents filed

AI&ML

- I. Hybrid Inverter grid System
- II. An Innovative Hyper Spectral Image Classification Approach Using Weighted Feature Fusion of Convolution Neural Network

7. No. Of Patents Published:

ISE

1. Emmanuel Raj M Chirchi, Patent on Title of the Invention: Soil Classification for Planting and Monitoring Using FCNN-based IoT Smart Agriculture System, the Patent Office Journal No.03/2022 date 21/01/2022, Application No.202241001148, International Application No.PCT/01/01/1900.
2. Shankara Gowda S R. 2023. An IoT-Based Monitoring and Control System for Smart Bins in Urban Areas. INDIA Patent 202341032802A, filed May 9th2023 and issued June 23rd 2023.
3. Dr. Gowramma G S has been granted a Copyright with Registration Number L-125573/2023 on 14.06.2023 on Topic Development of Data Mining Model for in Vitro Fertilization (IVF) Data Retrieval. Copyright Office, Government of India.

AI&DS

IPR01– Gowramma GS

AI&ML

1. IOT Enabled Wireless printer with Audio Player on 2023 Dr. Anasuya N J.
2. Refining Quality assessment in digital image processing through comprehensive exploration from error visibility to structural similarities with AI and ML based approach. 2024 Dr. Anasuya N J
3. Smart drone for Monitoring 2023 Dr. Emmanuel Raj M Chirchi.
4. IOT Based Accident Detection and Patient Rescue System 2024 Dr. B Kursheed.
5. 16-Bit Tri-Gate Finfet Based ALU Designed to Reduce Leakage Power using Dual Power Gated Stack at 20nm Technology 2024 Dr. B Kursheed.
6. IOT Based Online Doctor Robot for Healthcare and Telemedicine Consultation with Patients 2024 Dr. Chethan Chandra SB
7. Data Integrity at Cloud Storage using Hybrid Secure Algorithms based Optimal Block Chain for E-Voting Systems 2023 Dr. Rakshitha C M
8. Protecting Electronic Voting from fraudulent activity: A Revolutionary Smart Contract-Based Block chain with Side chain and Strong Access Control, 2024 Dr. Rakshitha C M
9. Automatic Ration Distribution System in Panchayat Level Through Smart Card using GSM and RFD, 2023 Dr. Manu KS

PHY:

German Patent

Patent Title: A hybrid polymer composite device for shielding gamma rays

Applicant: Dr. Karthik Kumar M B

8. Placement Details:

Dept.	Sl No.	Name of the Company	No. of Students Placed	Sl No.	Name of the Company	No. of Students Placed
ECE	1.	HIVEMINDS	1	8	UNVISION	9
	2.	YBTRADELINKS LLP	2	9	EXCEL R	2
	3.	VTIGER	1	10	BRIGHT CHAMPS	1
	4.	CAFÉCOFFEEDAY	2	11	PLUSPPA	7
	5.	UPGRAD	2			
	6.	MOTHERSONSUMI	1			
	7.	TCS	1			
CSE	1.	CAFÉCOFFEEDAY	1	11	MPHASIS	7
	2.	CAPGEMINI	1	12	JUSAPAY	1
	3.	EXCEL R	6	13	KOSKII	2
	4.	FIDELITYINVESTMENTS	4	14	OFXTRADESOFTWARE	4
	5.	HCL	1	15	MUSIGMA	1
	6.	HEXAWARETECHNOLOGIES	3	16	TCS(DIGITAL)	5
	7.	HIVEMINDS	1	17	YBTRADELINKSLLP	4
	8.	IBM	1	18	USTGLOBAL	5
	9.	JOHNSONCONTROLSINDIA	5	19	TECHMAHINDRA	4
	10.	IOPEXTECHNOLOGIES	1	20	XCELCORP	1
ISE	1.	BETSOL	1	10	KOSKII	1
	2.	CAFÉ COFEE DAY	2	11	MPHASIS	8
	3.	HEXAWARE TECHNOLOGIES	2	12	OFX TRADE SOFTWARE	7
	4.	HIVEMINDS	3	13	PEOL TECHNOLOGIES	1
	5.	IBM	1	14	STRATOAGENT	1
	6.	ICICI PRUDENTIAL	2	15	KOSKII	1
	7.	IOPEX TECHNOLOGIES	4	16	TECH MAHINDRA	9
	8.	JARO EDUCATION	1	17	UST GLOBAL	5
	9.	JCI	3	18	YB TRADELINKS LLP	9
AI&ML	1.	SCHNEIDERELECTRIC	1	3.	MAVENBERG	1
	2.	OFXTRADESOFTWARE	2	4.	HIVEMINDS	3
EEE	1.	ATRIAPOWER	03	4	CRAFTSILICON	01
	2.	AVANA ELECTROSYSTEMSPVT LTD	01	5	SHIKRA ENTERPRISES	03
	3.	NUCOTPVTLTD	01			
MBA	1.	UPGRAD	1	3.	TEACHMAVEN	6
	2.	CERESINDIA	2	4.	SKILLICONTECHNOLOGIES	1

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