3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
		2021-2022			
1	CIVIL	Recycled Aggregate Concrete	Mr. Mohammed Buhran	35,000	TKRCET
2	CIVIL	Automatic Traffic Light System by using IR Sensor	Mr. V. Sai Vikas	65,000	TKRCET
3	CIVIL	Development of Decentralized Artificial Wetland System for Domestic Wastewater Treatment	Dr. Prem Sudha Rangaswamy	37,62,000	TKRES
4	EEE	Peltier Thermo Electric Generator Based Standalone Micro Power Supply System	Mr S. Manohar Reddy	41,500	TKRCET
5	MECH	Smart Wearable for Rescuers And Victims	Dr.G.Gopala Krishna	8,00,000	MSME
6	MECH	Unmanned surface vehicle for defense and civilian application	Dr. D. V. Ravi Shankar	12,75,000	MSME
7	MECH	Design of Synchronous reluctance motor	Dr. Md Qutubuddin	15,00,000	TKRES
8	MECH	Design and Fabrication of Chassis for Electric Vehicle & Power Transmission System for Electric Vehicle	A.Kiran Kumar	1,60,000	TKRCET
9	MECH	Design and Development of SrM motor	Dr. D. V.Ravi Shankar	77500	TKRCET
10	ECE	Quality of Signal Improvement in Prominent GNRFET based Ternary Logic System for Futuristic Dielectric Inserted MLGNRs for Integrated Circuit Designs	Dr. Mekala Girish Kumar	13,46,400	DST-SERB
11	ECE	Development of Prediction model for heart attacks using diabetic retinopathy and Cortisol levels	Dr. Mekala Girish Kumar	23,96,000	TKRES
12	ECE	Agricultural Aid for Tomato Harvesting (AAT)	Dr. M. Girish Kumar	67000	TKRCET
13	ECE	Better And Faster Emergency Care During Accident and Vehicle Impact	Dr. M. Mahesh	52,000	TKRCET
14	ECE	Smart Garbage Segregation and Management System Using IOT	Mr. Balakrishna	55,500	TKRCET
15	CSE	Development of Prediction model for heart attacks using diabetic retinopathy and Cortisol levels	Dr. A Suresh Rao	23,96,000	TKRES

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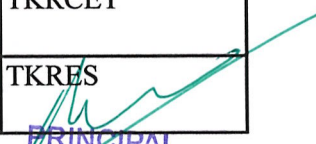(AUTONOMOUS)
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3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
16	CSE	Local Dynamic Neighbourhood Based Outlier Detection Approach and Its Framework for Large-Scale Datasets	Dr A Suresh Rao	61,000	TKRCET
17	CSE	Feature Selection for Intrusion Detection System in Internet-Of Things	Dr Ch B N Lakshmi	45000	TKRCET
18	CSE	Recommendation Model in social media Based on Deep Emotion Analysis and Multi-Source View Fusion	Dr KSR Radhika	51000	TKRCET
19	CSE	Cost Effective Energy Efficient and Secure Routing Protocol (CESR) For WBAN	Dr. B Veeramallu	51500	TKRCET
20	CSE	Error Minimization in Localization of Wireless Sensor Networks Using Fish Swarm Optimization Algorithm	Dr. B. Veeramallu	45000	TKRCET
21	CSE	Energy-Efficient Mobile Data Collection Adopting Node Cooperation in An Underwater Acoustic Sensor Network	Dr. Vicky Nair	47000	TKRCET
22	CSE	Confidence Estimation for Attention-Based Sequence-To-Sequence Models for Speech Recognition	Dr.A. Pramod Reddy	59000	TKRCET
23	CSE	A Clustered Based Approach for Energy Efficient Routing in Wsns	Dr.M.Narendar	65000	TKRCET
24	CSE	Missing child identification using face recognition with CNN algorithm	J. Ramesh	61000	TKRCET
25	CSE	Obstacle Detection and Navigation for Blind using Smart Blind Stick	Ms. M. Chaitanya	56,500	TKRCET
26	CSE	Energy Efficient Teaching-Learning-Based Optimization for The Discrete Routing Problem in Wireless Sensor Networks	Dr.S.A.Kalaiselvan	48000	TKRCET
27	IT	A Machine Learning Approach for Predicting Chronic Kidney Disease	Mrs. C.Jaya Lakshmi	45000	TKRCET

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3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
		2020-21			
1	CIVIL	Bamboo Reinforced Concrete: Experimental Investigation on Manga & Dagdi Bamboo	Mr.M.AKHIL KUMAR	48500	TKRCET
2	EEE	Power Generation of Vertial Axis Wind Turbine	Dr.S. Nrasimha	57500	TKRCET
3	EEE	Partial replacement of fine aggregate with rubber tyre powder	Mr.B.SHIVA PRASAD	51500	TKRCET
4	EEE	Women Safety Device with GPS Tracking and Alerts using Arduino	Mr. M. Sharath Chandra	57000	TKRCET
5	EEE	An Initiative for Developing and Harnessing Innovations	Dr. K. Raju	7500000	TKRES
6	MECH	A Multipurpose Agricultural Robot for Automatic Ploughing Seeding and Pesticides Spraying	A. Kiran Kumar	55500	TKRCET
7	MECH	Influence of milling process parameters and significance of tools to improve the surface quality of GFRP composites	D.Gopi Krishna	1,90,000	TKRCET
8	MECH	Fabrication and Mechanical performance of Aluminium(AA7075) Metal Matrix Composite with Multi welded carbon nanotube(MWCNT)	U.Nagamani	72500	TKRCET
9	MECH	An Initiative for Developing and Harnessing Innovations	Dr. D. V. Ravi Shankar	7500000	TKRES
10	ECE	Design of IOT based Coal Mine Safety System using LORA	Ms. B. Manasa Reddy	48000	TKRCET
11	ECE	Analysis on Medicines and Doctors availability in Government Hospital	M.Bala Krishna	51500	TKRCET
12	ECE	An adaptive software Defined Network on chip (SD-NOC) for Varying Network Resources in offering Optimal service Quality	Dr. Suaknya	29,47,753	TKRES
13	ECE	Temperature & Mask Scan Entry System with Sanitization for Covid Prevention	Dr. B. Swapna Rani	57500	TKRCET

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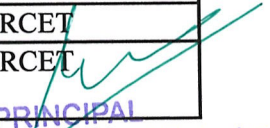Accredited by NBA & NAAC with 'A' Grade)

NAAC

3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
14	CSE	Development of website/app for building customer relationship management in regional language	Dr. Vicky nair	48000	TKRCET
15	CSE	A mobile based inventory management system using QR code application	Mr. Jeralad prashath George	48000	TKRCET
16	CSE	An Analysis of Contribution of Digital payments in Social and Demographic Economic Developments of India, using Machine Learning Techniques	Ms. G. Deepthi	58000	TKRCET
17	CSE	Cyber Criminal and Suspect Profile Generator using OSINT Techniques	Ms. A.Sandhya rani	51500	TKRCET
18	CSE	Development of App to capture the field patrolling track of frontline staff in their forest beat jurisdiction	Ms. M. Vijaya kumari	48500	TKRCET
19	IT	Crop Guidance and Farmers Friend(Succor)	M.Sushma	48500	TKRCET
20	IT	IOT based Smart Agriculture	Mr. M. Satyanarayana	48500	TKRCET
21	IT	Remote controlled aquaponic system using IoT and AI	Dr.R.Muruganantham	8,00,000	TKRES
22	H&S	An Initiative for Developing and Harnessing Innovations	Dr. B. Rajini Kanth	7500000	TKRES
		2019-20			
1	MECH	Development of mobile Air Conditioner with ECO Friendly Refigeriment 134a	Dr. D.V. Ravi Shankar	3,00,000	JNTU TEQIP III
2	MECH	Development Of Automatic Irrigation System to Measure the Trace Level Moisture Content in Soil	Dr. Amit Gangopadhyaya	41000	TKRCET
3	MECH	Design And Fabrication of Biaxial Testing Machine	Dr.M.A.Mateen	58000	TKRCET
4	MECH	Monitoring and Implementation of a new Strategy for Battery Management System	Dr.M.D.Qutabuddin	42000	TKRCET
5	MECH	Machining of Composite Materials	Mohd. Ubed Ur Rahman	36000	TKRCET
6	EEE	IOT based Solar Powered Automatic Garden Maintenance System	Mr. M. Gnanesh Goud	32000	TKRCET

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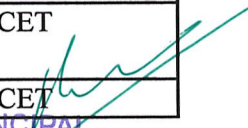
NAAC

3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
7	ECE	Suspicious Activity Detection	M.Balakrishna	38000	TKRCET
8	ECE	Three Level Security based Voting System using Raspberry Pi And ARM7	Dr. P. Gayathri	37500	TKRCET
9	ECE	Multi Utility Equipment For Blind People using Raspberry Pi	Mr. Purender Reddy	38000	TKRCET
10	CSE	Minimalistic Approach to predict Cardiovascular Diseases using various Risk factors that go undiagnosed till advance stage	Dr. A. Suresh rao	2,60,000	JNTU TEQIP III
11	CSE	Automatic Diagnostic model for detection of malaria parasites from microscopic images	Dr. Sunil Srinivas	2,98,000	JNTU TEQIP III
12	CSE	Brain tumour diagnosis using convolutional neural network	Dr.B. Sunil Srinivas	47000	TKRCET
13	CSE	Privacy Preserving, Updation and Block Level Data Deduplication in Cloud Storage Services	Mr. P.Chandra Shekar	41000	TKRCET
14	CSE	Telecom customer churn prediction modelling based on behavioural patterns analysis using machine learning	Ms M Pooja	37000	TKRCET
15	CSE	American sign language translator for speech impaired into text and audio	Ms. Y. Latha	35000	TKRCET
16	CSE	Eye controlled mouse cursor for physically challenged people	Mr A Pradeep	43000	TKRCET
17	IT	Driver Drowsiness Detection System using ML	V. Ravi Kumar	38500	TKRCET

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2018-19

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1	CIVIL	Astudy on biofuel production from hostel food waste codigested with maize silage in TKR group of institutions	Dr. Premsudha	36000	TKRCET
2	CIVIL	Anaerobic co digestion of water hyacinth and organic solid waste	Dr. Durai Arulneyam	42500	TKRCET
3	EEE	Non-Touching Tachometer Using Hall Effect Sensor	Dr. K. Raju	35000	TKRCET

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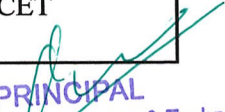Accredited by NBA & NAAC with 'A' Grade)

3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
4	MECH	Design and Fabrication of Extruder for Recycling Domestic Plastic Wastes	N. Surya	62000	TKRCET
5	MECH	Design and fabrication of FRP Crash Box	B. Phani Kumar	42000	TKRCET
6	MECH	Stress distribution along the cruciform geometry under pure in-plane biaxial loading condition	Dr.Md.Abdul Mateen	5,80,000	TKRCET
7	ECE	Real Time Bus Monitoring and Passenger Information System	Dr. D. Nageswar Rao	46000	TKRCET
8	ECE	Multiple Motion Control System of Robotic Car based on IOT to Produce Cloud Service	M. Jhansi Rani	38000	TKRCET
9	ECE	Smart Campus Project Design and Implementation on IOT Platform using Raspberry Pi by Python Approach	Ms. K. Padmaja Devi	45000	TKRCET
10	ECE	IOT based Agriculture Robot for Cultivation Seeding	Ms. P. Kalyani	43500	TKRCET
11	CSE	Resource sharing mechanism between different tenants	Mr K Venugopal Reddy	35000	TKRCET
12	CSE	Intelligent Reporting System for Monitoring and Resolution of Ground Level Community Issues	Dr A Suresh Rao	45000	TKRCET
13	CSE	Cloud log security scheme for cloud forensics	Ms. P Laxmi	36000	TKRCET
14	CSE	Characterizing and predicting early-reviewers by sentiment analysis of textual reviews with machine learning approach	Ms. Reddy manasa	40000	TKRCET
15	IT	Brain Tumor Diagnosis using Machine Learning	C.Jaya Lakshmi	37500	TKRCET
16	IT	RFID Based Toll Booth Automation	D.Kavitha	36500	TKRCET

2017-18

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
1	CIVIL	Experimental study on Fly Ash Pellet concrete for mechanical properties	Mr. G. Durga Prasad	31500	TKRCET
2	CIVIL	Partial Replacement of Coconut shell as Coarse aggregate in the Concrete	Mr. S. SELVAKUMAR	29500	TKRCET

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3.2.4. Average percentage of departments having Research projects funded by government and non-government agencies during the last five years

S.NO	DEPARTMENT	NAME OF THE PROJECT	NAME OF THE TEACHER	AMOUNT	FUNDING AGENCY
3	MECH	Performance Evaluation of Vapour Compression Refrigeration System by using R-134a and CARE30	B. Syed Shaheed	2,30,000	TKRCET
4	MECH	Design & fabrication of vellomobile/Bike car	G.Sai Krishna Prasad	72500	TKRCET
5	MECH	Study and performance of water quality in aquaculture through non-chemical water treatment method	Dr. K. NAVEENA LATHA	2,40,000	TKRCET
6	MECH	Design and Fabrication of Degassing Vaccum Chamber	Dr.D.V.Ravi Shankar	68200	TKRCET
7	ECE	IOT based Health Monitoring System	Dr.P.Nalla Thai	31100	TKRCET
8	ECE	Automation of Dry-Wet Dust Collection to Support Swachh Bharat Abhiyaan and Monitoring over IOT	Ms. J. Sunitha Kumari	39500	TKRCET
9	ECE	Smart E-Agriculture Monitoring using Internet of Things	Ms. K. Sukanya	47000	TKRCET
10	CSE	Time Decay Model Approach for Mining Closed Frequent Patterns Over Data streams.	P.Mahesh Kumar	32000	TKRCET
11	ECE	Virtual Banking System	Syed Salmaan Rashid	38500	TKRCET
12	CSE	Partition- Based Frequent Item Set Mining Algorithms on Map Reduces	Dr.S.Somaraju	39500	TKRCET
13	CSE	Garbage Monitoring with Weight Sensing Using IOT	K.Naresh	48800	TKRCET
14	CSE	Aiding Deaf and Dumb People to Communicate Effectively using a Raspberry-pi Based System	M.Thanmayee	39500	TKRCET
15	CSE	An Efficient Approach for Enhancing Search Results using Correlation Method	Dr.K.Ramesh	47500	TKRCET
16	CSE	Effective Implementation of Youtube Data Analysis using Hadoop Distributed File System(HDFS)	Ms. A.Sandhya Rani	48000	TKRCET
17	IT	An Efficient Diet Plan using Artificial Intelligence Dietician	C.Jaya Lakshmi	31500	TKRCET

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