



# TKR COLLEGE OF ENGINEERING & TECHNOLOGY

(Sponsored by TKR Educational Society, Approved by AICTE, Affiliated to JNTUH)

AN AUTONOMOUS INSTITUTION

Accredited by NBA and NAAC with 'A' Grade



Medbowli, Meerpet (V), Balapur (M) Ranga Reddy (D), Hyderabad, Telangana - 500097

Mobile: 9100377790, E-mail: info@tkrcet.ac.in, Website: www.tkrcet.ac.in

College Code: K9

## Department of CSE

Date: 01/06/2024

### Minutes of the Meeting of TKRCET, CSE

#### Agenda:

The CSE Committee has proposed to provide seed fund for the following projects.

**Resolution:** An amount of Rs.5,00,000/- has been allocated to the department of CSE for 2023 – 2024 academic year to the supervisor of the project

S.No	Title	Supervisor Name
1	Improving Prediction of student success through an automated Machine Learning	Dr.A.Pramod Reddy
2	Municipal corporation complaint management system	Mr.A.Pradeep
3	Multilingual Image and Speech Translator: A Unified Approach for Language conversion from images and speech	Mrs.Tulasi Ratna Mani
4	An Automated Bottle Cap Defect Detection using Machine Learning	Mrs.P.Laxmi Prasanna
5	Recommendation System for Book Selection using Machine Learning	Mrs.A.Tejaswini
6	Rhythmic Reflections: A Symphony of Emotions Based on Facial Expressions	Mr.B.Srikanth

#### Members attended the meeting

S.No	Name	Designation	Signature
1	Dr.D.V.Ravi Shankar	Chairman	
2	Dr.A.Suresh Rao	Dean Academics	
3	Dr.B Sunil Srinivas	Member	
4	Dr. K. Satish Kumar	Research Coordinator	

**DR. A. SURESH RAO**  
HEAD OF THE DEPARTMENT  
Dept. of Computer Science & Engineering  
T.K.R. College of Engineering & Technology  
Meerpet, Hyderabad-500 097.

**Principal**

PRINCIPAL  
TKR College of Engineering & Technology  
(AUTONOMOUS)  
Medbowli, Meerpet, Hyderabad- 500097.



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

Date: 08/01/2024

The Academic Committee has proposed to provide seed fund for the following projects. An amount of Rs. 2,00,000/- has been allocated to the projects approved for the academic year 2023-24.

S. No.	TITLE	INTERNAL GUIDE
1	SMART RENEWABLE ENERGY ROADS WITH WIRELESS ELECTRICITY BASED CHARGING SYSTEM FOR EV VEHICLES USING IOT	Mr. G. V. SUBBA RAO
2	SOLDIER HEALTH MONITORING AND POSITION TRACKING SYSTEM USING IOT	Mrs. R. N. S. KALPANA
3	DEVELOPMENT OF MANHOLE COVER DETECTION AND CONTINUOUS MONITORING OF HAZARDOUS GASES USING WNS AND IOT	Mr. A. VIKAS
4	MULTI-FUNCTIONAL BLIND STICK USING IOT	Mr. P. MANGA RAO
5	TRAIN MONITORING AND CONTROLLING SYSTEM	Mrs. A. HARITHA
6	CROP SAFE GUARDING SYSTEM	Mrs. CH. DIVYA
7	INTELLIGENT SURVEILLANCE AND NIGHT PATROLLING USING DRONE	Mrs. J. SRAVANTHI

**Academic Committee:**

S. No.	Name of the Faculty	Designation	Signature
1	Dr. D. Nageshwar Rao	Chairman	
2	Dr. M. Mahesh	HOD, ECE	
3	Dr. P. Gayathri	Convener	
4	Dr. K. Sukanya	Member	
5	Mr. A. Vikas	Member	

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Medbowli, Meerpet, Hyderabad-97.


**Head of The Department**  
Electronics & Communication Engineering  
TKR College of Engineering & Technology  
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Medbowli, Meerpet, Hyderabad-97.


1-3-4  
3.1.2 The institution provides seed money to its teachers for research

3.1.2.1: The amount of seed money provided by the institution to its teachers for research during the year (INR in lakhs)

Name of the teacher provided with seed money	Amount of seed money	Month and Year of receiving	Link to the policy document for sanction of seed money / grants for research from the institution and link to the sanction letter
	100,000	Jan-24	

S.No	Roll No.	Project Title	Supervisor Name	Seed Fund
1	19K91A0206 19K91A0214 19K91A0215 20K95A0205	Wireless electric vehicle battery charging system using pv array	Dr. MD Qutubuddin	Rs. 35, 000/-
2	19K95A0232 18K91A0265 19K95A0220 18K91A0251	Design and Development of an Electric Bicycle (e-Bike) for Urban Commuting	Dr. K. Raju	Rs. 40, 000 /
3	19K91A0258 20K95A0234 20K95A0233 20K95A0237	Electric safety Jocket for women	Dr. MD Qutubuddin	Rs. 25, 000.00

  
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Head of the Department  
Electrical & Electronics Engineering  
TKR College of Engineering & Technology  
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Phone: 9100377790, email: Info@tkrcet.ac.in, web site: www.tkrct.ac.in



Department of Information Technology  
A.Y 2023-24

3.1.2 The institution provides seed money to its teachers for research

3.1.2.1: The amount of seed money provided by the institution to its teachers for research during the year (INR in lakhs)

Sl.No.	Name of the teacher provided with seed money	Amount of seed money	Month and Year of receiving	Link to the policy document for sanction of seed money / grants for research from the institution and link to the sanction letter
1	J.Ramesh	126,000.000	18-Aug-23	
2	Y.Nagalavanya	100,000.000	22-Aug-23	
3	Mounika Nakrekanti	147,000.000	22-Aug-23	

*Handwritten signature*  
10/08/23

*Handwritten signature*  
22/08/23

*Handwritten signature*  
Principal  
TKR College of Engineering & Technology  
(AUTONOMOUS)  
Medbowli, Meerpet, Hyderabad-97.

Head Dept. of Information Technology  
TKR College of Engineering & Technology  
Medbowli, Meerpet, Hyderabad-500097-TS.



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## Office of Research & Development

TKR/R&D/2023-24/July/2023/01

Date: 17-07-2023

### CIRCULAR

#### TKRCET Research Promotion Scheme-2023

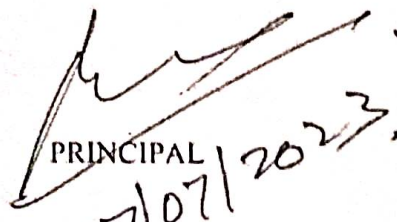
Last date of submission: 22-08-2023

It is informed to faculty of TKR College of Engineering & Technology, who are interested to apply for financial assistance to their Research work may apply under this scheme. The guidelines and formats of the scheme are enclosed.

The individual research proposals shall be submitted to office of R&D through respective HoD on or before timeline. The submitted proposals from the faculty would be screened by a committee and selected projects shall be announced on or before 01-09-2023. All the HoD are hereby informed to encourage their respective faculty members to submit the proposals on or before the timeline.

#### Copy to:

- All faculty
- All HoD
- Principal office

  
PRINCIPAL  
17/07/2023  
Principal  
TKR College of Engineering & Technology  
(AUTONOMOUS)  
Medbowli, Meerpet, Hyderabad-97.



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## Office of Research & Development

TKR/R&D/2023-24 July/2023 01

Date: 17-07-2023

### CIRCULAR

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#### Copy to:

- All faculty
- All HoD
- Principal office

Dept. of CSE (Artificial Intelligence & Machine Learning)  
T.K.R. College of Engineering & Technology  
Meerpet, Hyderabad - 500 097

PRINCIPAL

Principal  
TKR College of Engineering & Technology  
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Date: 1-9-2023  
Hyderabad

To  
The Principal,  
TKRCET,  
Meerpet,  
Hyderabad

Dear Sir,

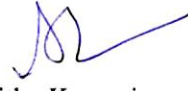
Sub: scrutiny committee recommendations for seed money sanction -Reg

As per the seed fund guidelines policy and after careful scrutiny, we have selected the following projects for the A.Y. 2023-2024 and the total budget is 1, 50, 000/- (One lakhs five thousand only).


S.no	Name of the project	Principal Investigator	Budget
1	Vision Navigate: Empowering Blind Mobility with AI	Dr. D. Jagadiswary	40,000.000
2	Unwilling the Essence: Distilling Key Points from Video Transcripts	Mrs. K. Sravanthi	30,000.000
3	Driver Drowsiness Detection with Visual Behaviour	Mr. N. Kiran Kumar	35,000.000
4	Info Bot for Technical Institutions	Mrs. G. Shirisha	45,000.000

  
Dr. B. Rajini Kanth

(Dean R&D)

  
Dr. D. Anitha Kumari

(Project Co-ordinator)

  
Dr. B. Sunil Srinivas

(HoD CSE (AI&ML))

Dept. of CSE (Artificial Intelligence & Machine Learning)  
T.K.R. College of Engineering & Technology  
Meerpet, Hyderabad - 500 097

  
Dr. D.V. Ravi Shankar

(Principal)

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College Code : K9

## DEPARTMENT OF CSE (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

Date: 30-05-2024

Minutes of Meeting of TKRCET, CSE (AI&ML)

### Agenda:

The CSE (AI&ML) Committee has proposed to provide seed fund for the following projects.

**Resolution:** An amount of Rs 1, 50,000/- (One Lakh Fifty Thousand Rupees Only) has been allocated to the department for the 2023-2024 academic year to the supervisors of the project.

SL. No.	Title of the Project	Supervisor Name
1	Vision Navigate: Empowering Blind Mobility With AI	Dr. D. Jagadiswary
2	Unveiling the Essence: Distilling key points from video Transcripts	K. Sravanthi
3	Driver Drowsiness Detection With Visual Behaviour	Mr. N. Kiran Kumar
4	Info Bot for Technical Institutions	G.Shirisha

Members Attended the Meeting

SL. No.	Name	Designation	Signature
1	Dr. D. V. Ravi Shankar	President	
2	Dr. A. Suresh Rao	Dean Academics	
3	Dr. B. Sunil Srinivas	HoD	
4	Dr. D. Anitha Kumari	Research Coordinator	

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