



# **GOUTHAMI**

**INSTITUTE OF TECHNOLOGY AND MANAGEMENT FOR WOMEN**

Approved by AICTE New Delhi,  
Affiliated to JNTU Anantapur & SBTET, Vijayawada  
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It gives me great pleasure to present the Annual Report of Gouthami Institute of Technology and Management for Women (GITAMW) for the academic year 2023-2024. This year has been one of remarkable growth and achievement, marked by both academic and infrastructural advancements, as well as the unwavering commitment of our faculty, staff, and students to excellence.

GITAMW has always strived to maintain the highest standards in education and research, and this report highlights the many milestones that we have achieved in the past year.

Founded in 2009, Gouthami Institute of Technology and Management for Women has established itself as a leader in technical education, offering undergraduate, in various branches of engineering. Our vision remains focused on fostering a learning environment that encourages innovation, nurtures talent, and prepares students to excel in the dynamic global landscape.

**(Dr. M. Rama Subbamma)**  
**Principal**

**PRINCIPAL**  
**Gouthami Institute of Technology and**  
**Management for Women,**  
**Peddasettypalli (V),**  
**Proddatur-516360. Kadapa (Dt. .**

## ACHIEVEMENTS

The annual report highlights the achievements of students and Faculty from various departments at our college GITAMW during the academic year 2023-24. Our students have demonstrated excellence in academics, research, innovation, extracurricular activities, and community engagement. This report aims to celebrate their accomplishments and inspire future endeavors.

### 1. Awards

- Co-Director of GITAMW was received Bishma Acharya Award from Bhatat Education Excellence Awards for this year.
- GITAMW has been rated 'AAA+' from "Careers 360" for the SWAYAM NPTEL online courses. Totally, 261 Students have got certification which includes 20 toppers in the year 2023-24.
- Mr. D. Surendra, Training and Placement Officer of GITAMW was received NIYUKTI Acharya Award from Bhatat Education Excellence Awards for this year.

### 2. Academic Excellence

- **Competitive Exams:** Achievements in GATE- Our Students Miss. S. Jyothi and A. Krishnaveni qualified in GATE Examination in this A.Y 2023-24.

### 3. Technical Competitions & Hackathons

- **National & International Competitions:** Achievements in coding competitions, robotics challenges, and hackathons.
- **Project Exhibitions:** Awards won at tech fests and engineering expos.
- **Inter-College Competitions:** Recognitions received in events organized by other institutions.

### 4. Internships & Placements

- **Internship Opportunities:** In addition to the curriculum, 61 Students of Electronics and Communication Engineering, 10 students from Electrical & Electronics Engineering and 20 students from Computer Science Engineering done Internships and Online Courses during the year 2023-24.

- **Placement Statistics:**

<b>2023-2024 CONSOLIDATED PLACEMENT DATA</b>					
<b>NAME OF THE COMPANY</b>	<b>No. of Students Placed</b>			<b>TOTAL</b>	<b>Package (in LPA)</b>
	<b>ECE</b>	<b>EEE</b>	<b>CSE</b>		
<b>PREMIER SYSTEMS</b>	<b>9</b>	<b>1</b>		<b>10</b>	<b>3</b>
<b>TVS SUNDARAM FASTERN</b>	<b>30</b>	<b>7</b>		<b>37</b>	<b>2.4</b>
<b>MAIN TECH</b>	<b>3</b>	<b>1</b>	<b>13</b>	<b>17</b>	<b>4.8</b>
<b>SUNGLER TECHNOLOGIES</b>	<b>41</b>	<b>12</b>		<b>53</b>	<b>2.4</b>
<b>DELPHI TECHNOLOGIES</b>	<b>56</b>	<b>14</b>		<b>70</b>	<b>2.4</b>
<b>KJ SYSTEMS</b>			<b>3</b>	<b>3</b>	<b>5</b>
<b>TATA STRIVE</b>		<b>7</b>		<b>7</b>	<b>3</b>
<b>TOTAL</b>	<b>139</b>	<b>42</b>	<b>16</b>	<b>197</b>	

### **5. Extracurricular Achievements (Sports & Athletics, Cultural Achievements):**

Our students participated in Symposiums/Tech Fests, Inter college Sports and cultural Programs and Won Prizes.

#### **Department of ECE**

<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>YEAR/SEM</b>	<b>EVENT NAME/COLLEGE NAME/PLACE</b>	<b>Date of Event</b>
1	C.VIDYA	2 YEAR	KSRM KONNECT TECHNICAL SYMPOSIUM	04th May 2024
2	K.YUVA SRI KIRANI	2 YEAR	CLASSICAL DANCE - DASARA UTSAVAM	06th Sep. 2024
3	K.MADHU LATHA	2 YEAR	LIFE EXHIBITION ON OCCASION OF WORLD ENVIRONMENTAL DAY	05th June 2023
4	K.VARSHINI	2 YEAR	LIFE EXHIBITION ON OCCASION OF WORLD ENVIRONMENTAL DAY	05th June 2023
5	M.LAVANYA	2 YEAR	PRODDUTUR HALF MARATHON IRONMAN RUN FOR UNITY	29th Sep. 2023
6	K.YUVA SRI KIRANI	2 YEAR	NATIONAL LEVEL SEVEN HILLS DANCE FESTIVAL	16th to 18th July 2023

**Department of EEE**

<b>SNO</b>	<b>NAME OF THE STUDENT</b>	<b>NAME OF THE ACTIVITY</b>	<b>INSTITUTE / COMPANY</b>	<b>TITLE OF THE ACTIVITY/EVENT</b>	<b>DATE(S)</b>
1	VENNAPUSA SUKANYA	PAPER PRESENTATION	KSRM COLLEGE OF ENGINEERING	ISHANA-2K24	04.05.2024
2	VENNAPUSA SUKANYA	DAZZLE CODING	SRI VENKATESHWARA UNIVERSITY COLLEGE OF ENGINEERING	CYNOSURE-2K24	23.03.2024
3	VENNAPUSA SUKANYA	PAPER PRESENTATION	SRI VENKATESHWARA UNIVERSITY COLLEGE OF ENGINEERING	CYNOSURE-2K24	23.03.2024
4	VENNAPUSA SUKANYA	ELOCUTION	JANAVIGNANA VEDHIKA-PRODDUTUR	ELOCUTION	14.09.2023
5	VALASANI GOUTHAMI	PROJECT EXPO	PVKK INSTITUTE OF TECHNOLOGY	SRUJONOSTHAV-2024	22.02.2024
6	KANDULA HARINI	COMPETITION	LED INDIA	MY CONSTITUTION QUIZ 23	26.11.2023
7	VENNAPUSA SUKANYA	IRON MAN RUN OF UNITY	HALF MARATHON	IRON MAN RUN FOR UNITY	29.10.2023

## Department of CSE

<b>STUDENT PARTICIPATION DETAILS IN TECHNICAL EVENTS(2023-2024)</b>					
<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>NAME OF THE EVENT</b>	<b>YEAR</b>	<b>EVENT</b>	<b>EVENT DATE</b>
1	Y.VENKATA KEERTHI	SAMSLESHANA-2K25	II	PPT	04-03-2025
2	C.VAIDEVI	SAMSLESHANA-2K25	II	PPT	04-03-2025
3	S.SHAFIA FIRDHOZ	TECHNOHOLIX-2K23	IV	QUIZ	02-12-2023
4	C.AYESHA	MY CONSTITUTION QUIZ	II	QUIZ	26-11-2023
5	S.SHAFIA FIRDHOZ	TECH BLAZE-2K23	IV	QUIZ	23-11-2023
6	M.Ananya Sharma	KONNECT-2K23	I	QUIZ	13-08-2023
7	B.Lalitha Devi	KONNECT-2K23	I	QUIZ	13-08-2023
8	M.LAKSHMI DEVI	KONNECT-2K23	II	POSTER	13-04-2023
9	D.PRATHIMABI	KONNECT-2K23	I	ESSAY WRITING	13-04-2023
10	G.VEERESWARI	SARVAGNYA-2K23	II	WORKSHOP	15-03-2023
11	V.HARSHINI	SARVAGNYA-2K23	II	WORKSHOP	15-03-2023
12	V.JEEVANA SHANTHI	SARVAGNYA-2K23	II	WORKSHOP	15-03-2023
<b>STUDENT PARTICIPATION DETAILS IN SPORTS(2023-2024)</b>					
<b>S.NO</b>	<b>NAME OF THE STUDENT</b>	<b>NAME OF THE EVENT</b>	<b>YEAR</b>	<b>EVENT</b>	<b>EVENT DATE</b>
1	P.LAVANYA	SPORTS	II	KHO-KHO	30-12-2023
2	P.LAVANYA	TORNAMENT	II	KHO-KHO	07-11-2023
3	S.CHANDRIKA	IRONMAN RUN FOR UNITY	II	MARATHON	29-10-2023
4	BSNEHANJALI	IRONMAN RUN FOR UNITY	II	MARATHON	29-10-2023
5	Y.VENKATA KEERTHI	IRONMAN RUN FOR UNITY	II	MARATHON	29-10-2023
6	P.RAJYALAKSHMI	VIKASITH BHARATH	II	VIKASITH BHARATH	13-10-2023

**STUDENT PARTICIPATION DETAILS IN COCURRICULAR ACTIVITY(2023-2024)**

S.NO	NAME OF THE STUDENT	NAME OF THE EVENT	YEAR	EVENT	EVENT DATE
1	D.AISHWARYA	SASSV	II	SINGING	06-04-2024
2	M.DEEPTHI	EVE OF YOUTH FEST	II	EVE OF YOUTH FEST	01-12-2023
3	G.HARSHITHAMAI	CHANDRAYAN-3	II	MAHAQUIZ	12-10-2023
4	GHARSHITHAMAI	EENADU	II	TALENT TEST	01-03-2023

<b>RESEARCH ARTICLES PUBLISHED BY FACULTY DURING THE A.Y 2023-24</b>							
S.NO	Title of paper	Name of the author/s	Department	Name of journal	Year of publication	ISSN number	Link
1	Power sharing control for a single phase ac micro grid with parallel Inverters	Dr. Manne Rama Subbamma	EEE	POSITIF Journal-DOI.org/10.37896/psj31.5/2897	01-05-2024	0048-4911	<a href="https://drive.google.com/file/d/1C1f7-PYkxpgi6G8V2jerikpl0rA3ZN0m/view">https://drive.google.com/file/d/1C1f7-PYkxpgi6G8V2jerikpl0rA3ZN0m/view</a>
2	Optical sensing of vitamin c concentrations: A novel approach with etched fibre-based plasmon sensor	Dr. B. Bala Subbanna	ECE	DOI.:10.1117/12.2691324	Feb. 2024	SPIE. 1605-7422	<a href="https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12858/1285802/Optical-sensing-of-vitamin-C-concentrations--a-novel-approach/10.1117/12.2691324.short">https://www.spiedigitallibrary.org/conference-proceedings-of-spie/12858/1285802/Optical-sensing-of-vitamin-C-concentrations--a-novel-approach/10.1117/12.2691324.short</a>

3	Minor groove binding of antihistamine drug bilastine with calf thymus DNA: A molecular perspective with thermodynamics using experimental and theoretical methods	KANDIK ONDA LAVANY A	H&S	doi.org/10.1016/j.molstruc.2023.137385	31-12-2023	0022-2860	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0022286023024730">https://www.sciencedirect.com/science/article/abs/pii/S0022286023024730</a>
4	Experimental and Theoretical Studies on the Binding of Anticonvulsant and Neuroprotective Drug Riluzole in Calf-Thymus DNA	KANDIK ONDA LAVANY A	H&S	DOI: 10.1134/S0036024423120233	26-06-2023	0036-0244	<a href="https://link.springer.com/article/10.1134/S0036024423120233">https://link.springer.com/article/10.1134/S0036024423120233</a>
5	Steady-state and 3D fluorescence study reveals the binding of a dicoumarol analogue in subdomain	KANDIK ONDA LAVANY A	H&S	doi.org/10.1016/j.molstruc.2023.137032	08-11-2023	0022-2860	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0022286023021221">https://www.sciencedirect.com/science/article/abs/pii/S0022286023021221</a>

	IIA of human serum albumin with structural variation					
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**BOOKS PUBLISHED BY FACULTY DURING THE ACADEMIC YEAR 2023-2024**

<b>Sl.No</b>	<b>Title of the journal/ Book (UGC CARE)</b>	<b>Authors' Name/ Name of the faculty</b>	<b>Department</b>	<b>Designation</b>	<b>Date</b>	<b>ISBN NO</b>
1	POWER ELECTRONICS	Mr. M Mahammed Jabeer	EEE	HoD, EEE Dept. Asst Professor	01-10-2023	978-81-971950-4-4
2	POWER ELECTRONICS	Dr. Manne Rama Subbamma	EEE	Professor	01-10-2023	978-81-971950-4-4
3	POWER ELECTRONICS	Mr. K. Vijaya Kumar	EEE	Asst Professor	01-10-2023	978-81-971950-4-4
4	Engineering Mathematics-I	Y.Sivalakshmi Devi	H & S	ASST.PROFESSOR	02-09-2023	978-81-971950-0-6
5	Engineering Mathematics-I	Dr.T NAGA LAKSHUMMA	H & S	PROFESSOR	02-09-2023	978-81-971950-0-6
6	Engineering Mathematics-I	M.K.BRAMHAM	H & S	ASST.PROFESSOR	02-09-2023	978-81-971950-0-6



**PATENTS PUBLISHED BY FACULTY DURING THE ACADEMIC YEAR 2023-2024**

S.NO	Title of paper	Name of the author/s	Department of the teacher	Calendar Year of publication	Application Number
1	Automated Image Enhancement using AI Driven Contextual Analysis	Dr. Manne Rama Subbamma	EEE	12.04-2024	202441028399
2	Bio Sensor based biotech device to detect Lung cancer	Dr. B. Bala Subbanna	ECE	01.03.2024	401814-001
3	Gas Chromatography	Dr. B. Bala Subbanna	ECE	22-05-2024	414314-001
4	Gas Chromatography	B.Venkateswaramma	ECE	23-05-2024	414314-002

  
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