# P R O F I L E

# **Glenson Toney**

Training Coordinator, Training & Placement Cell, St Joseph Engineering College, Mangaluru. Co-Founder, Ren Astral Technologies.

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## **Career Summary**

Training Coordinator with broad experience in training program design, implementation, and evaluation. Proficient in identifying training needs, crafting engaging content, and coordinating logistics for effective delivery. Skilled in interpersonal communication, stakeholder relationship building, and committed to continual improvement for high-quality training. Further, boasts a strong startup engagement background within the incubation ecosystem, leveraging expertise for growth and innovation. Proficiency includes guiding students, leading award-winning projects, demonstrating a history of fostering talent and enabling impactful contributions.

### Experience

Training Coordinator, T&P Cell, St Joseph Engineering College, Mangaluru Feb 2022 to till date	<ul> <li>Developing and implementing the Campus to Corporate Program at SJEC, overseeing curriculum development, feedback collection, and customization to meet individual learning needs, resulting in accelerated skill development</li> <li>Managing a team of 20+ trainers, ensuring they delivered industry-oriented training and achieved desired outcomes</li> <li>Organizing logistical aspects of training sessions, including scheduling, venue selection, and equipment setup, ensuring flawless execution and high participant engagement</li> <li>Conducting job preparedness tests such as CoCubes and NCET, aiding participants in their readiness for employment</li> <li>Evaluating the training effectiveness using pre and post-assessment tools, gathering feedback and analyzing data to continuously improve training materials and delivery methods</li> <li>Coordinating placement activities, facilitating successful job placements for program participants</li> </ul>
Assistant Professor, Department of ECE, St Joseph Engineering College, Mangaluru Sept 2021 to till date	<ul> <li>Delivering lectures, lab sessions, and facilitating discussions for comprehensive student learning</li> <li>Contributing to curriculum design with industry trends and tech integration for autonomous batches</li> <li>Engaging in pioneering research within Electronics &amp; Communication field</li> <li>Coordinator of the Department Development Committee, fostering academic growth</li> <li>Supervising undergraduate and graduate research projects, resulting in multiple publications in reputable journals and conferences.</li> <li>Collaborated with colleagues to secure research grants totaling INR 1 Lakh</li> </ul>
Incubation Center Manager, Mangalore Institute of Technology & Engineering, Mangaluru Feb 2018 to Sept 2021	<ul> <li>Led the establishment and effective management of an incubation center, ensuring seamless operations and exceptional outcomes</li> <li>Oversaw budgeting, staffing, and strategic planning, optimizing resources for maximum impact</li> <li>Collaborated closely with the Government of Karnataka to successfully implement the New Age Innovation Scheme</li> <li>Assisted in the development and monitoring of business plans for student innovative projects</li> <li>Organized high-profile startup events such as Startup Bootcamp, Idea Contest Ideathon, and two 24 Hour Hackathons</li> </ul>

#### Assistant Professor,

Dept. of Mechatronics Engineering, Mangalore Institute of Technology & Engineering, Mangaluru

July 2016 to Sept 2021

#### Assistant Professor,

Department of ECE, K S School of Engg & Management, Bangalore July 2015 to July 2016

- Established the NPTEL Local Chapter: Awarded "Active SPOC" & organized 'NPTEL National Awareness' Workshop with seed grant from NPTEL IIT Madras
- Editor of College Bulletin from 2017 to 2021 and Chief Editor of Department Magazine
- Cultural Coordinator of the College and Incharge of Speakers' League & Member of the organizing Committee of Edition 2 of TEDx MITE
- Department Coordinator for Training and Placement, Entrepreneurship Development Cell
- Conducted lectures, laboratory sessions, and fostered discussions to enhance holistic student learning
- Coordinator, Enterprise Resource Planning
- Coordinator, We Speak Club
- Coordinator, NBA Criterion 2

#### Awards

#### **Research Innovation Mentorship Award, Joseph engineering College**

Outstanding mentorship and dedication in guiding student teams to develop innovative solutions and compete in engineering championships.

#### **Certificate of Appreciation from Texas Instruments**

For initiatives in bridging gap between Academia, Government & Industry

#### Active SPOC Award, NPTEL IIT Madras

Exemplary engagement and dedication in serving as a Single Point of Contact (SPOC) for NPTEL courses, facilitating seamless communication and coordination between the institution and NPTEL

#### Certificate of Appreciation, Synopsys & Agasthya Foundation

Exceptional guidance and support in steering a student team through the processes of conceptualization to the creation of a functional prototype, showcasing outstanding mentorship and commitment

#### **Publications**

#### Indexed Journals: 4 (3 Scopus Indexed, 1 SCIE Indexed)

Indexed Conferences: 5

#### Achievements

- Mentored Team HiveLink: Winner CMTI Design & Innovation Clinic 2024, Top 3 Student Innovation at NASTECH 2023, Runner up at Anveshana 2023, Presented at Bengaluru Tech Summit 2024
- Mentored Team Vruddhi which won the Third Place at the National Innovation Design Clinic 2023 organized by Central Manufacturing Technology Institute, Govt. of India
- Guided Team Amie which was incubated through India India Netherlands Business Circle Bangalore. The Team was among the Top 75 Business Ideas at the Grand Finale of Manthan 2023, and was placed among the Top 5 Innovative Ideas at Anveshana 2023–A state level Project Competition
- Mentored two seed-funded business ideas that has received a total grant of INR. 5.5 Lakhs
- Guided four student projects sponsored by Karnataka State Council for Science & Technology
- Best Summit Representative, National Planning & Development Summit 2014, VIT Vellore

#### Education

- Ph. D in Electronics & Communication School of Electrical & Electronics Engineering,
- Lovely Professional University (Pursuing): Completed Course work, State of the Art Seminar & 3 ETP's
- M.Tech in VLSI Deisgn & Embedded Systems, K S School of Engineering & Management, Bangalore, Class of 2015: 81% & BE in Electronics & Communication, Atria Institute of Technology, Bangalore: Class of 2012: 77%

Date: May 14, 2024 Place: Mangaluru



















Hosted over 50 formal & informal events



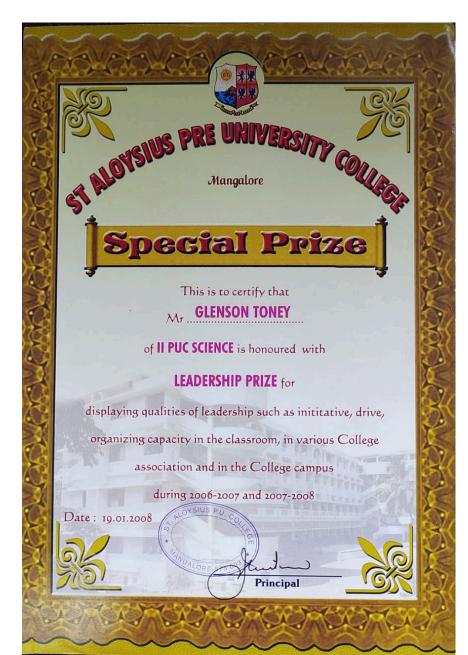


Certificate of appreciation from **Texas Instruments and AICTE** in Jan 2020 for initiations towards bridging Industry Academia Gap

Certificate of appreciation from **Texas Instruments** in 2018 for fostering an ecosystem towards bridging Government, Industry & Academia



mUniCampus Level 1 Certified Agile Campus Recruiter



Leadership Award St Aloysius PU College, Mangaluru

AWARDS



Certificate of Appreciation from Dept of IT, BT, S&T, Govt of Karnataka for contributions towards Chethana 2019



Best Summit Representative Award at the National Planning & Development Summit 2014-VIT University

**District level Orator,** Prathibhakaranji, Government of Karntaka

# **Certificate of Appreciation** for Reviewing Research papers in IEEE Conferences



**AWARDS** 



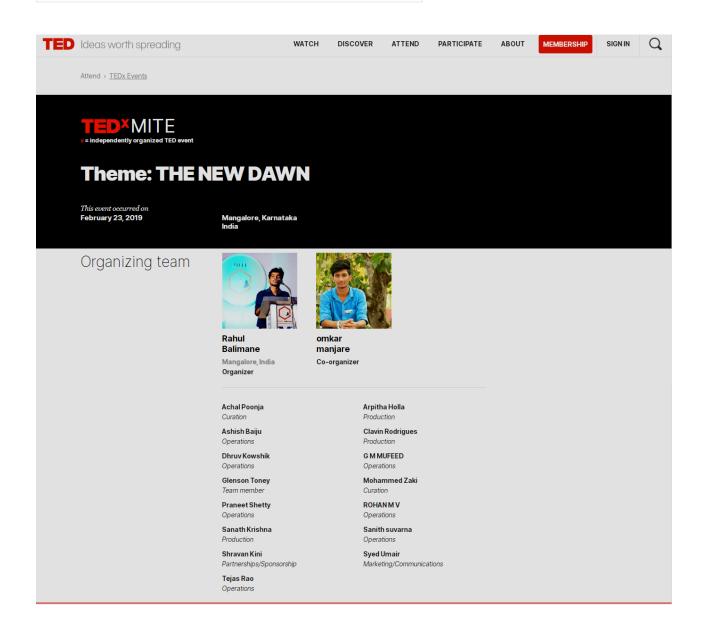
# Organizing Committee Member **TEDxMITE** Edition 2

#### TEDXMITE



TED.com, home of TED Talks, is a global initiative about ideas worth spreading via TEDx, The Audacious Project, TED Books, TED Conferences,...

🚥 TED Talks



# Curator **TEDxSJEC** Edition 2





This certificate is awarded to

Mr Glenson Toney

in recognition of the valuable contributions as a **Faculty Curator** in **TED**×SJEC held on 11 June 2022 at St Joseph Engineering College, Mangaluru.



Janice Riona Mendes Licensee & Lead Organizer Dr Binu K G Faculty Convenor ember

# MENTOR FOR INNOVATIVE BUSINESS IDEAS



Mentor for the business Idea Amie: an AI based App for monitoring the health condition of pregnant women

- The business idea is amongst the Top 75 projects of South India in the Federation of Karnataka Chambers of Commerce & Industry Manthan 2022 Business Plan competition
- The Idea is incubated at CIT Bengaluru through the Indo Netherlands Business Circle Bangalore Innovation Award 2022
- The team received a cash prize on INR 10000 at Ideathon 2022 & Best B-Plan Award at SJEC Mangaluru

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AGASTYA		SYNOPSYS.
	Spirit of Anreshana	
	record our appreciation for <b>Prof.GLENSON</b> GALORE INSTITUTE OF TECHNOLOGY & ENGINEERING (MITE), MANG	
for his/her substantial	contribution to the project/s and the support rendere	d in mentoring the students
from	GOVT HIGH SCHOOL,PALIMAR	school
	in the spirit of Anveshana 2021, Bangalore	
f. Larghanay		Phant
Ramji Raghavan Chairman Agastya International Foundation	on	Dr. Pradip K. Dutta Group Vice President & Managing Director, Synopsya South Asia
	#101, Varsev Plaza,12, Jeyamahal Main Road, Bangalore- 560 046	

Mentor for student team that designed a Low cost UV Sterilization Box which won Consolation prize at the South India Project Championship Anveshana 2021. organized by Agasthya Foundation & Synopsys

Mentored 2 student ideas that received grants from the Karnataka State Council for Science & Technology

			Online Evaluation		
ate	: 8th August	2021			Time:9.30 am
LEC	TRONICS AND C	COMMUNICATION ENGINEERING - 36 (Contd.,)			
SI. No:	PROJECT REFERENCE No.	PROJECT TITLE	COLLEGE	GUIDE	STUDENTS
28	44S_BE_2948	GRADING OF THE COFFEE DEPENDING ON THE AROMA AND TASTE USING SENSORS	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Dr. GANESH AITHAL	Mr. NAGARAJ KAMATH Mr. ABHISHEK M RAO Mr. ADARSH A SHETTY Mr. RAJATH B KULAL
29	44S_BE_3789	PROVIDING KNEE MOVEMENT ASSISTANCE USING ANDROID IOT	SHRI MADHWA VADIRAJA INSTITUTE OF TECHNOLOGY AND MANAGEMENT, UDUPI	Mr. CHETAN R	Mr. PRANAV K R Mr. ADITYA K Ms. NAMANA Ms. GOWRI M
30	44S_BE_2260	BREAST CANCER CLASSIFICATION USING MACHINE LEARNING	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Prof. RAGHAVENDRA D	Mr. NITHIN KUMAR G M Ms. SUNITHA Y K Ms. GEETHA M R Ms. HEMA K P
31	44S_BE_2262	DIGITAL FORENSIC PROCESS IN CYBERCRIME DATA MINING AND GSM	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY, TUMAKURU	Mr. RAGHAVENDRA D	Ms. SAHANA G R Ms. NISHA H Ms. REKHA K N Ms. ASHWINI V
32	44S_BE_0136	WAGON - THE SMART WHEELCHAIR	SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU	Mrs. Y HARSHALATHA Dr. K.N SHREENATH	Mr. SREEJITH KRISHNA N Mr. SUHRIDAY ROY Mr. ANISH KALRA Ms. DIKSHA RAJ
33	44S_BE_2614	"RAKSANOPAYA" – A REAL TIME HEALTH MONITORING SYSTEM USING DCCN	SMT. KAMALA AND SRI VENKAPPA M. AGADI COLLEGE OF ENGINEERING AND TECHNOLOGY, GADAG	Mr. BASAVARAJ S. SORATUR	Mr. SACHIN KUMAR B Mr. MANJUNATH GADAGIN Mr. BASAPPA B HADAPAD Mr. PRAVEENA F HIREGOUDR

43	44S_BE_1432	A DEEP LEARNING ALGORITHM TO DETECT GAMING DISORDER USING EEG BASED EMOTION STATES	B.M.S. INSTITUTE OF TECHNOLOGY AND MANAGEMENT, YELAHANKA, BENGALURU	Mrs. THEJASWINI S	Mr. GOUTHAM C Mr. CHANDAN L NAYAK Mr. SUDARSHAN POTDAR Mr. ADITYA DATTA G N
MEC	HATRONICS	- 7		-	
44	44S_BE_3134	SWARM DRONE HOT BATTERY SWAPPING	ACHARYA INSTITUTE OF TECHNOLOGY, BENGALURU	Prof. BHAGIRATHI S TELKAR	Mr. RAO RAKSHITH UMESH Mr. SUBODH SANIL Mr. SUPRAVO GHOSH Mr. ABDULLAH ANIS
45	44S_BE_0725	UTILISATION OF CHICKEN FEATHER FIBER TO PRODUCE HYBRID COMPOSITE AND STUDY ON ITS FREQUENCY RESPONSE	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Mr. CHENNAKESHAVA R	Mr. SABITH AHAMED MANEGAR Mr. AMRUTH M ACHARYA Mr. JEVIL CLEMENT MENDONCA Mr. SHASHANK B C
46	44S_BE_0726	AUTOMATED PILL DISPENSER FOR THE AGED AND DISABLED	MANGALORE INSTITUTE OF TECHNOLOGY AND	Ms. SOWMYA KINI	Mr. SAGAR S ACHARYA Mr. SHREERAJ HEGDE
47	44S_BE_0728	NON-CONTACT TEMPERATURE DETECTOR & FACE MASK DETECTOR, ATTENDANCE UPDATION SYSTEM USING FACIAL RECOGNITION TECHNIQUE	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Prof. GLENSON TONEY	Mr. PRAJWAL C.HEGADE Mr. AMIT P. SANGOLLI Mr. NILESH B. MARKAL
48	44S_BE_1833	DESIGN AND DEVELOPMENT OF A SEMI- AUTOMATIC ROBOTIC ARM FOR SWAB COLLECTION	MANGALORE INSTITUTE OF TECHNOLOGY AND ENGINEERING, MOODBIDRI	Mr. GLENSON TONY	Mr. SHAHZAD ABDULLA A Ms. NAMITA NAIR Mr. NANDISH B CHAKRAD Mr. SANDESH PAT
		SORVEILEAVOL)	ENGINEERING, DENGALONO		IND. DESTINA MOTIVATI
50	44S_BE_2538	HUMANOID ROBOT WITH THREE GRIPPER END EFFECTOR	THE OXFORD COLLEGE OF ENGINEERING, BENGALURU	Mrs. SEEMA	Ms. VARSHADHARE K Mr. ANNIESH D K Ms. BRUNDHA J Ms.SHREYA BIRADAR G
MED	ICAL ELECT	RONICS - 5			
51	44S_BE_2932	DESIGN AND DEVELOPMENT OF AN INSULIN PUMP	B.M.S. COLLEGE OF ENGINEERING, BENGALURU	Dr. K. VIJAYALAKSHMI Mr. NAGABHUSHANA RAO	Ms. RAMYA M Mr. PAVAN KUMAR RAJ URS. C

## MENTOR FOR INNOVATIVE BUSINESS IDEAS



JURY Judged over 20 regional & national



Jury at the Sankalp B Plan-The two day national Startup B Plan 2019 event at TAPMI Manipal that had 10 promising young enterprising teams from the best B- Schools of India presenting their Business Plans and strategies at one place



Jury at the Best Manager event- The two day national Management fest Startup B

Plan 2019 event at TAPMI Manipal that had 10 promising young enterprising teams from the best B- Schools of India presenting their Business Plans and strategies at one place



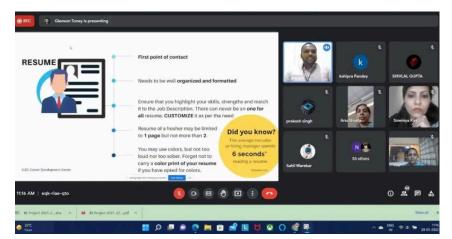
## VOLUNTEERING

Coordinated the Startup Karnataka's Elevate 100 Multi City Pitch at Mangalore in association with K-Tech Innovation Hub, IKP Mangalore.

# TRAINER & PRESENTER Over 10 years of active engagements



Moderated the Panel Discussion on 'IPR and Academia: Challenges' at MITE in association with Teqip 1.3 of VTU Belagavi. The panelists were Dr. S Rama Murthy, Senior Adviser, Origiin IP Solutions, Bengaluru, Ms Prabhavathi Rao, Program Coordinator, WTO & IPR Relay Cell, Govt of Karnataka, Ms Sarasija Padmanabhan, Senior IP Specialist – Life Sciences, CPA Global



Talk on **Resume Writing and Internships** to students from **Atharva College of Engineering**, **Mumbai**.



Hosted the E-Step Bootcamp by Startup Karnataka on August 23, 2019 under the 'E-step' initiative at MITE in association with the department of IT-BT and S&T in Karnataka, through the Karnataka Innovation and Technology Society (KITS),



Moderated the panel discussion on 'Global opportunities- Study Abroad' organized by the Career Guidance Cell of Mangalore Institute of Technology & Engineering. The talk show had Mr Thakshak Shetty, Valyue GmbH, Germany, Ms Aishwarya Rai Rai, Shippit, Australia,

Mr Amar Kabbinale Kabbinale, WMAK Heat Pumps, Slovakia, Mr Navaneeth Bhat Bhat, Meco Equipments Engineers, Netherlands and Ms Shraddha Shetty, SAP, Germany. Indeed had a great session discussing their journey and talking to young graduates at MITE



Presented a talk on **Pitch Deck presentations and support for startup ecosystem** at the two days workshop 'Ideas to Reality' held at MITE in association with K-Tech Innovation Hub and MITE IPR Cell. The two days event witnessed over 10 teams present Pitch deck of their ideas.



Conducted a workshop on the National Startups Award 2020 in December 2019 at MITE. The workshop had 29 participants along with 3 startups: Accelerlab Technologies Pvt. Ltd, Technoclog Moodbidri and FTP Food & Beverages Pvt. Ltd.

**TRAINER & PRESENTER** 



Talk on 'Creating Effective Presentations' at Innovate 2022 at SJEC Mangaluru on OCtober 06, 2022



Moderated a panel discussion on 'Employability: Challenges & Strategies' at SJEC with a panel: Jerome Mascarenhas, Co-founder and CTO of Almasons, Varun kajawa, Managing Partner, Usha Fire & Safety Equipments Pvt. Ltd., and Pranav, System Engineer at TCS along with our student panelists Sharadhi, Caron Shaun and Angelica Albuquerque.



Facilitated the three days **Business Model Canvas Workshop** and presented talk on BMC at SJEC Mangaluru

**TRAINER & PRESENTER** 

**EDITOR** Experience in creating materials for branding and outreach



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(10-)

Dr. G L

## Editor of the MITE bulletin for Four years

Involved in content creation, design, and marketing

## The link



# INSURGENCE



INSURGENCE

NEW 'BEES' IN TOWN-TEAM WILDBEES

Achiever's Galore

AR VANS

#### **EDITORIAL**

EDITOR Gierson Toney DESIGNER Omkar Manjare Joel Serrag ITERS Icla Noronha



MANAGER tan Baio & Mamatha I



## In Focus

Insurgence is to rise above the odds, redefine, excel and write one's own destiny, With Mechatronics, being a path that not many have traveled, the challenges are impeccable, so is the joy of unraveling the unexplored. Version 2.0 of INSURGENCE, a walkthrough of our journey last year is compiled by our student team and showcases our academics and all other activities.

We, team insurgence, believe that each of us have inherent talents but it's the manifestion had needs and. Taking cognizance to this fact, the department ensures that the students look beyond academics, nurture their talents, make efforts and their results. Indeed I would like to think our Chairman, Mr. Rajesh Choula for inspiring us, our Principal, Dr. G L Easware Prosod, Principal for leading us, and Mr. Sathyanarayano, OQ, Mechatronics for his guidance. Let me also acknowledge the support of my colleagues in composing this book. Furthermore, I would also like to solute the unwavering spirit of my team: the editors, the designers for their intricote work. For the cherm is not just in the words or the design but also in the moments that we have shared as a team: the moments that we would cherish, ones which we would sovor and about the ones that are learned and univernit.

Editors: Designers: Ashil Sam Omkar Manjare Syed Umair Vighnesh C Ashil Sam Syed Umair Iral Noronha

<u>Managers</u>: S Sakthi Vikneswar Mohammed Naif Sriram



# INSURGENCE

DREAM.STRIVE.ACHIEVE



#### TESTIMONIALS

I piand MITE for an engineering degree, but thanks to the upportunities here at MITE 1 pat to explore a different path of karning and developing up engineering knowledge and skills. This was all possible because of the Mechanonic faulti, and its emporties for deals. I have they can help more finne engineering apirants by providing the same support and guidance. Manjunth 8. Business Development Eventher. Elkart Indix Pst. Ltd.

"MITE has always believed in helping and guiding its students. The infrastructure and the facilities provided to the students are it its best. The Mentatomics Department always had a focus on carrying their students to higher level with technical and like lessons. MITE: gave me an opportunity to learn a number of things and made ne to stude on any owa" -Subhash, CEO, Techno

MTE has always helicord in helping and gaiding its students for a hetter future. It has here an hornour to be a part of this institution, which has tendy abded value tony life. My journey of A years in MTE, being a student of the Dipatturent of Mechanois sever excitedent, full of horning apportunities and memories to checks for a lifetime. It has shaped on eithe hornoing a person with both interpresent and technical skills, to face the childings of that life differs. Fin always thankful to all the faculty of the Dipatturent of the original support and providing in a platform, to enhance any skills and importanties to above AIP super-ture. Christian Sequerize 1, weight Perspective Life. Furtil Services LIF.

"MITE was my home away from home? I cannot find other works to describe MITE. The exceptional programmes and tracking methodologies locked by practical kills and industry interface howe gives my partnerse. We was training and the state of the state. The state of the state.

unad Arzoo. Young Innovator-Automation. Suprajith Engg. P.t. Ltd

Support East, See The Section 2014 and S

-Sagar B Patil, Trainee Engineer- CAM Woerth Elektronik India Pvt Ltd.

#### EDITORIAL TEAM

Glenson Toney	Omkar Manjare	Ashil Sam
Editor	Designer	Editor

## and unlear Thank you. Mr. Glenson Toney Editorial Team