

HUMCEN AWARDS

WORLD'S FIRST PRESTIGIOUS AWARD FOR HUMAN CENTERED INNOVATIONS

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2021 YEAR BOOK

Featuring this year
Award Winners of all Categories



Inspiring Stories, Novel Practices,
Innovative Products, Human Centric
Approaches of all Award Winners Inside

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PREFACE

HumCen Awards 2021 commenced as World's First Prestigious Award for Human Centered Innovations. To honour, the Human-Centered Innovations from the grassroots level, HumCen Global (P) Ltd, India, desired to find and recognize the Innovators, Entities, and product Innovations from every part of the world for their Novel efforts.

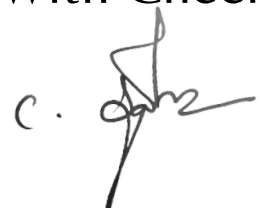
As I write this note for the HumCen Awards 2021 yearbook, 19 Award winners and other nominees witness one standalone event — the HumCen Award Ceremony on May 30th, 2021. Their wait for the day is no different to any nominee who has participated in our event. It is purely driven by the quality and commitment of the people who worked behind the scene. The day would eventually generate prestigious moment to showcase their excellence of professional accomplishment in their life for those winning the awards. I take this opportunity to thank all those who participated in the first of its kind event for their morale and continued focus on Human Centered Innovations.

Some commendable things happened this year HumCen Award event. The first is that the quality of the participants determines the quality of the event in that context; this year edition will be the roadmap for the upcoming years to select the best applicants. Each nominee's sense of work expertise and achievements motivated our people to execute this event more cheerfully. The main note is the willingness of the participants ranging from Innovators, Professors, Deans, Managing Directors, Principals, IT Professionals, Young Scientists, Doctors, DSP, CEO's, Researchers, Founders, Secretary & Students; which is something unique to receive such a vibrant proportion from 20 states, 4 UT's in India and 12 countries.

In the coming years, the HumCen Award event will be the exclusive platform to identify and exhibit Human Centered innovators potential from every corner of the world.

My heartfelt congratulations to all winners of the HumCen Awards 2021 and respect the team HumCen Awards for putting their efforts during this challenging time to make this event a notable success.

With Cheers!



Sasikumar Chandran,
CEO & Founder,
HumCen Global Pvt.Ltd,
India.

ABOUT THE ORGANISER

HumCen Global (P) Ltd., is a Peerless Human Centered Design company with a Patenting Strategy dedicated to unearthing innovation and converting them into IP assets.

We evangelise Human-Centered Innovation a path-breaking process to facilitate the people to think and create Human Centric solutions. Our higher purpose is to bring tangible innovative products from the intellectuals through our approach aiming to convert raw ideas into Intangible assets.

Our approach helps to inculcate the intrapreneurial mindset in like-minded individuals and nurture the culture of patenting through our three-figure mantra, 'Innovate, Protect and Market'.

With more than 400+ active clients, we work across the patenting law, practices and innovation consulting. Our clients are remarkably diverse: large and small, private and public, for-profit and nonprofit. We help them to protect and convert their ideas into intangible assets.

A team of dedicated promising IP attorneys with more than a decade of experience who can mentor and offer the most affordable services on Patent searching, Patent drafting and Patent filing will lead you to the one-stop solution for your Patent Portfolio.

We assure you that our association will help to achieve the top position in patent portfolios.

01

Professional Support from inhouse Patent Attorneys

02

Strategy Support to become Institutional Leader in Patent Portfolio

03

End to End Patent Service Support

04

Idea to Patent to Commercialise Support

05

Special Offers for Member Institutions

FOR MORE DETAILS

[CLICK HERE](#)

CORE PANEL MEMBERS

An independent panel of members comprised of leaders in the Innovation Consulting, Patent Consulting, Tech Industry, Corporate Branding, Academia, IT sector and Rural Innovations will critique award submissions based on preset criteria that have been determined by the terms and conditions drafted by the HumCen Global (P) Ltd.



MR.SASIKUMAR CHANDRAN

Product Innovation Expert With IP Strategy Helps People In Different Domains Like Corporates, Entrepreneurs, Individual Inventors and Academic Institutions with Thirteen Years Of Experience for the Constant Drive To Better The Community around Him. Area Of Expertise Includes Product Ideation, Patent Action and Mentoring in other Components of IPR



MR.JUDE DORAIRAJ

He is a skilled IT Professional with 20+ years of Project Management experience in performing IT Infrastructure Transformations, Transitions & Global Change Management for various Corporate Clients across the Globe.



DR.D.MURUGANANDAM

Over two decades of experience in the Mechanical Engineering field. His expertise includes Additive Manufacturing, 3D Printing technologies, Precision mechanics, Classical metalworking & Mechanical equipment and Procedures.



MR.MARCUS CLAY

He is a marketing and communications professional with expertise in brand building and design thinking. He has over 17 years of experience in media and marketing. As a 360 degree marketer, he leverages creative excellence as a driver to build consumer engagement and commercial success. His passion for brands and the people behind them drive him to connect with people through empathy and elicit engaging stories.



MS.SHIRLEY MOHAN

She is a dedicated, skilled educator with ten years of experience in training and leading engineering students in Computational Biology. Passionate in encouraging innovative ideas of the new generation in bioinformatics. Effective communicator with an ability to lead and attain results.



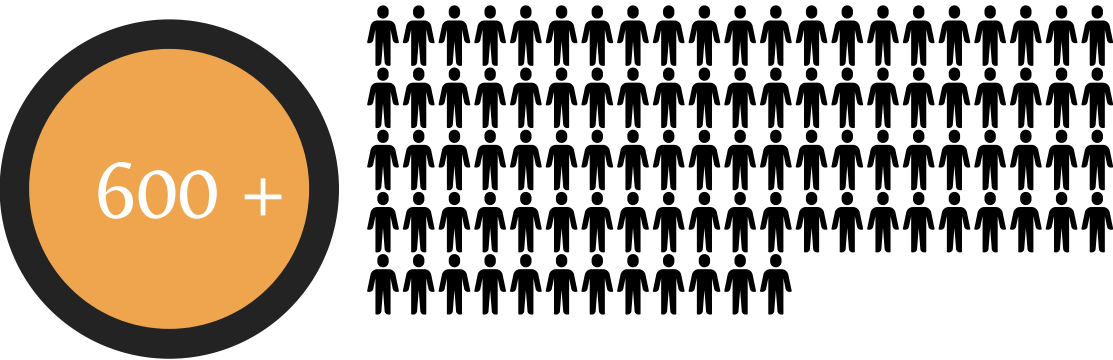
MS.AMUDHA SETHU

She is a multi-talented professional; her profile goes like Certified Quality Auditor, Business Analyst for a chain of tier-one Hospitals, Rural Innovator for Traditional farming, etc. For more than a decade, she is mentoring rural and global students with a social cause to uplift their life.

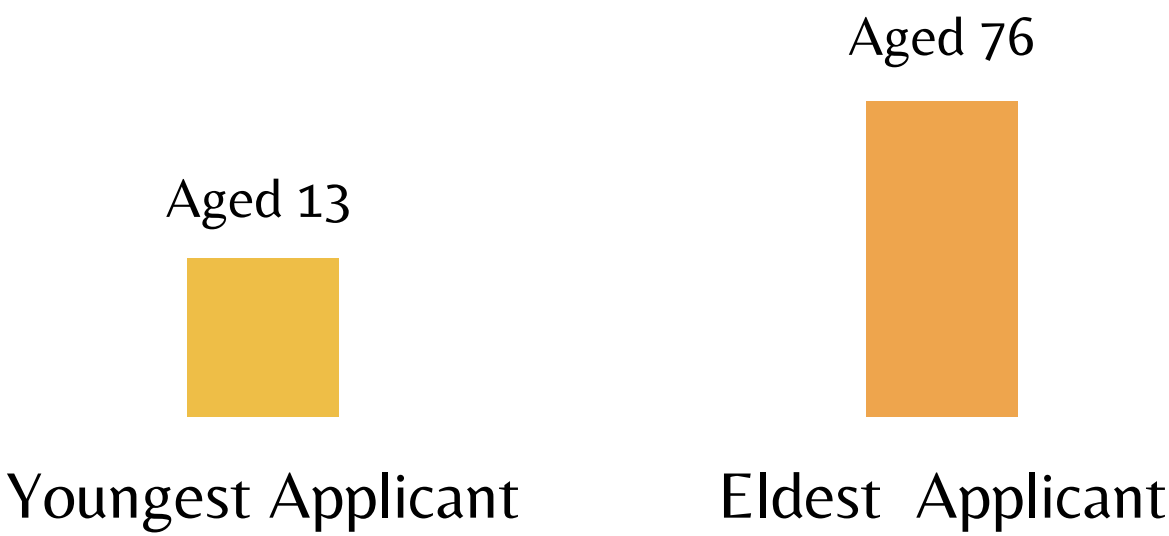
HIGHLIGHTS

World's First Prestigious Award for Human Centered Innovations strongly marked its Milestone!
Yes! Let's see some of our best glimpse of this year edition.

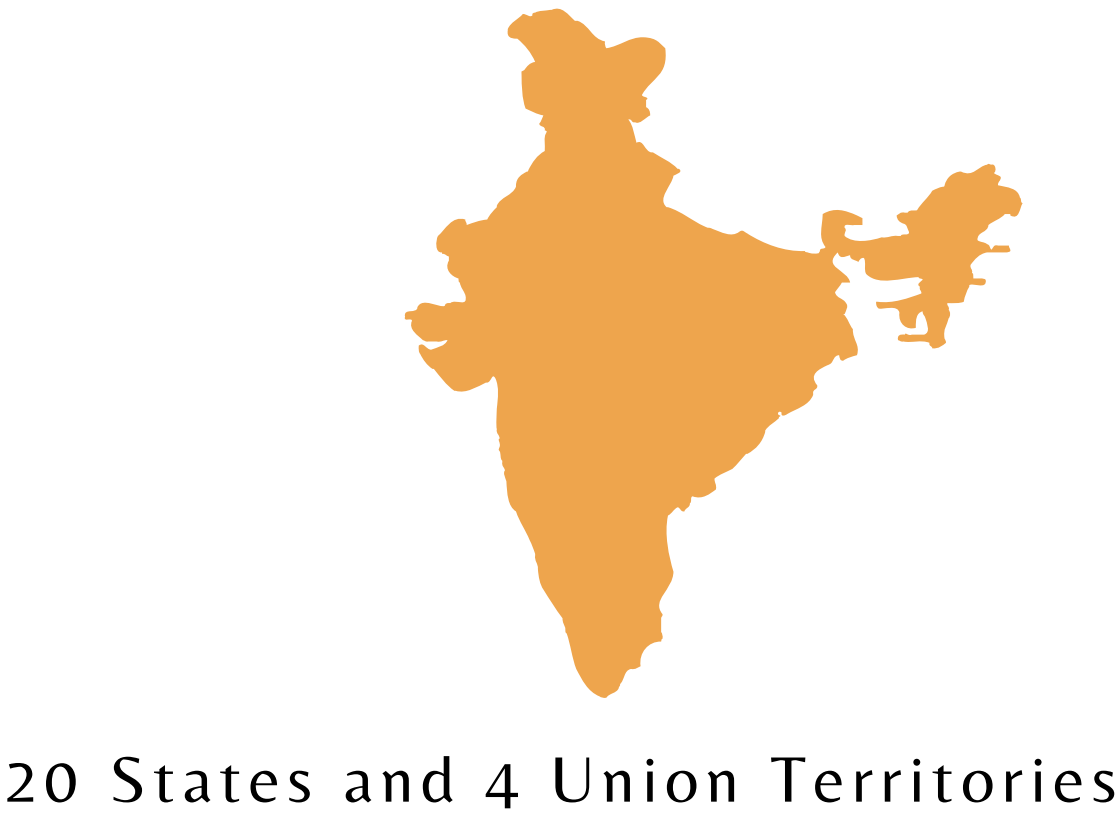
GLOBAL NOMINATIONS



AGE FACTOR



NOMINATIONS FROM INDIA



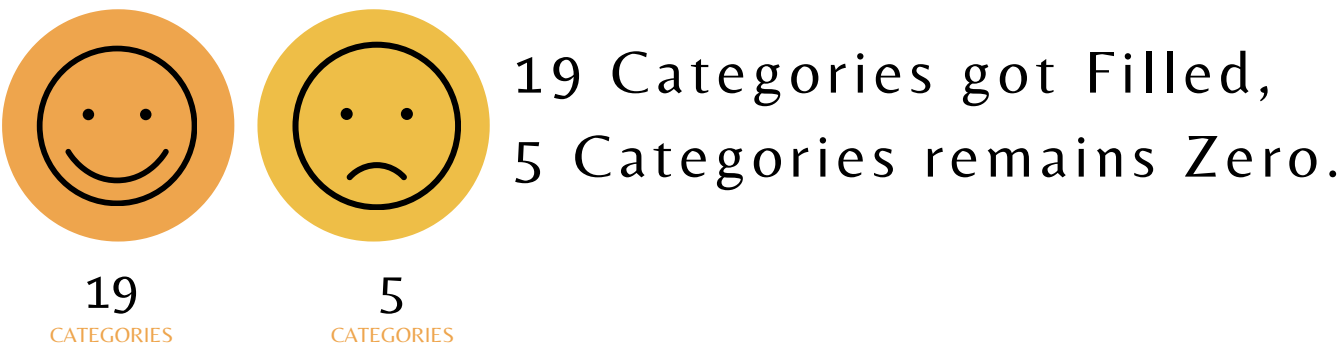
GENDER %



NOMINATIONS FROM OVERSEAS

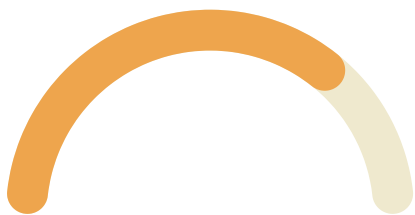


AWARD CATEGORIES STATUS

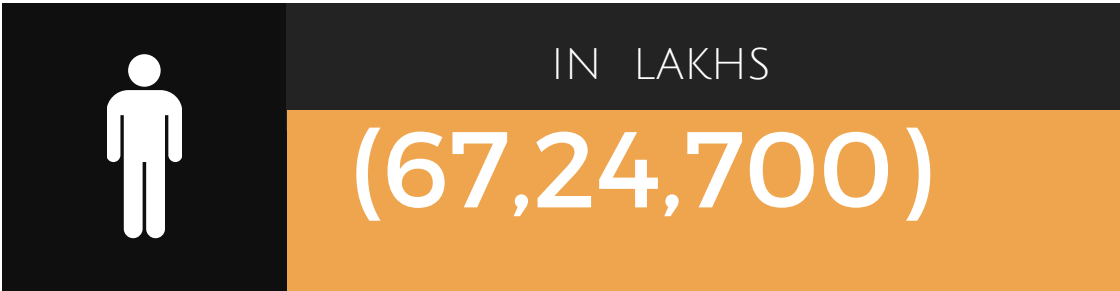


CATEGORY WHICH RECEIVED THE MAXIMUM
NUMBER OF APPLICATIONS

Global Academic
Researcher of the Year



HIGHEST NUMBER OF VOTES
RECEIVED BY AN
INDIVIDUAL NOMINEE



CATEGORY WHICH RECEIVED THE LEAST
NUMBER OF APPLICATIONS

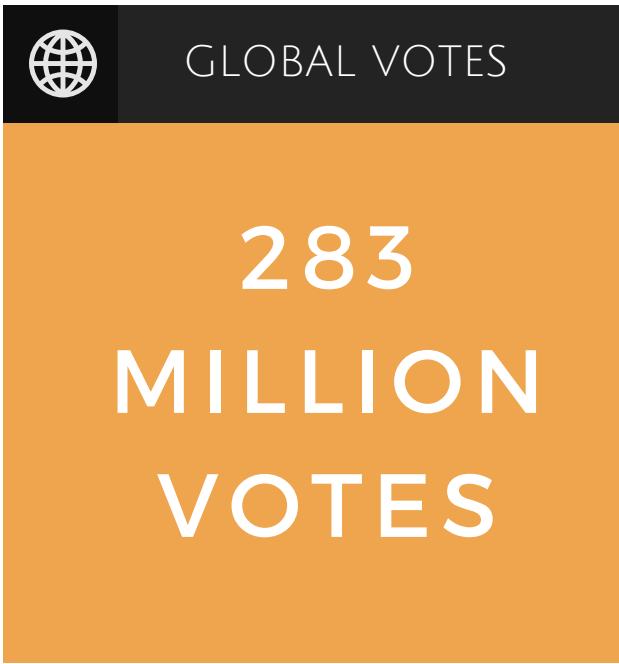
Product Designer of the
Year



APPLICANTS WHO APPLIED BY
DESIGNATION



TOTAL NUMBER OF
VOTES RECEIVED OVERALL



It's not just an award event. It deserved more than that...



**EMERGING INNOVATIVE ENTITY
OF THE YEAR**



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VAAYUSASTRA AEROSPACE

AWARD WINNER 2021

About the Winner

Vaayusastra Aerospace, An Edu-Tech Startup in the Aerospace and Aeronautical domain with a team of 15 Full-time Aeronautical Engineers & 30+ theatre artist with the sole purpose of creating awareness of Aeronautics and Aerospace to School children and college students in a Holistic and Hands-on approach where Team Vaayusastra uses Theatre arts & Storytelling as an educational tool.

Vaayusastra Aerospace is incubated & funded by India's top educational institute IIT Madras's incubator, "The IIT Madras's Incubation cell and IITM's Rural Technology Business incubator."

This unique idea of combining Aeronautics and Theatre is an Idea of Mr Jagadeesh Kanna, Founder of Vaaysastra Aerospace. He completed his Master degree in Aeronautical Engineering and trained as a theatre artist, Movie Actor, Theatre Actor, Director, Writer and Lyricist.

To date, vaayusastra reached around 8 countries and 40000 children through its seasonal programs, with more than 4000 children in regular programs.

Vaayusastra addresses the problem statement of Effective Knowledge transfer in the Aerospace and Aeronautical Sector by creating a system designed curriculum for Aeronautical education just like dance, music etc.,

Vaayusastra team built a unique 9-year curriculum for school children with 27 Levels of study in Hands-on and theatrical approach. For college students, it's a hands-on approach, Designed for 12+ Engineering domains,

They get to learn specific topics related to Aerospace and Aeronautics, which is segregated under 5 Electives (Vaayu, Vimaan, Agni, Akash, Adhisaya parimana) Based on Earth's Altitude. Vaayusastra is a team with a mission of igniting young minds of the future space industry, making humanity an interplanetary species.



**MOST INNOVATIVE ENTITY
OF THE YEAR**



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THE ICON PUBLIC SCHOOL

AWARD WINNER 2021

About the Winner

The Icon Public School is a co-educational, English medium, CBSE affiliated Senior Secondary School. The 'Icon' aims to provide wholesome and quality education emphasising every child's social, physical, emotional, creative, aesthetic, and intellectual development.

'Icon' has always been ahead of times in using the innovative methodology and Experiential Learning to build holistic personalities with a strong character, high moral values, knowledge, and critical thinking.

Our educators show exemplary competence in igniting creativity, imparting traditional and cultural values, and the spirit to excel, thus making the students confident and lifelong learners.

'Icon' is also our acronym for the values instilled in the students.

I – Integrity – the singular most important value that builds character.

C – Courage to stand up to what is right and committed to honouring the values instilled.

O – Optimism and open-mindedness.

N – Nurturing to make our Icons the best.

As the name suggests, we endeavour to produce the leaders of tomorrow. Since life doesn't have a set syllabus, we need to make sure each child is ready for the changing times ahead, beyond their classrooms. We aspire to raise the bar in every field each year, be it academics, sports, arts, oratory, discipline, or attitude, and we 'Strive to Achieve' (Our motto).

The environment at Icon is an inspiring ecosystem of knowledge through play, exploration through various activities, freedom to exchange ideas and voice opinions. We sincerely attempt to make learning joyful, meaningful, relevant, futuristic, holistic, and realistic.

Our Early Years Program is designed to nurture curiosity and conceptual learning through play, puzzles, environmental awareness, and art appreciation.

The Primary classes introduce children to the world of prose, poetry, drama, reasoning ability, logical thinking, scientific attitude, and appreciation of the country they are born in.

As they move to the Secondary section, they work towards the mastery of advanced knowledge and concepts. They also learn to apply the knowledge gained to real-life situations and adapt to the ever-changing world.

In the Senior Secondary Section, they prepare for the competitive world ahead, to excel in the fields they choose. The students of 'Icon' are equipped to meet any challenge that life throws at them.

The Icon Public School has a 'World Class' infrastructure to support academic and Co-curricular activities. The innovative mindset of the management and faculty seeps into the learners and helps them think, reason, innovate and excel.



**MOST SOCIALLY RESPONSIBLE
ENTITY OF THE YEAR**



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LIFECCELL INTERNATIONAL PVT.LTD

AWARD WINNER 2021

About the Winner

LifeCell is India's first & largest community stem cell bank and stem cells solutions provider to bring the revolutionary concept of umbilical cord stem cell banking to India. Established in 2004, LifeCell is the largest stem cell bank enjoying the trust of over 370000+ parents who have banked their children's stem cells with the company with over 205 Centre's and state of the art technology.

LifeCell a Look back: Our Story

LifeCell was founded in technological collaboration with Cryo-Cell International – the world's first private stem cell bank with over 25 years of operational excellence. With state-of-the-art laboratories at Chennai & Gurgaon and a network spread over 205 service centres in the country & footprints in GCC countries, the company is the most accredited stem cell bank with certifications from national and international organizations for standards. LifeCell is also the only player in the industry providing comprehensive stem cell solutions, including the novel initiative of community stem cell banking, R&D and point-of-care stem cell therapy for orthopaedic and vascular specialities.

LifeCell established its Diagnostics division in 2017, providing India's most comprehensive diagnostic program for mother & baby care, offering preconception, prenatal and newborn testing services to address the challenge of high infant mortality rate in the country and promoting health and wellness for generations to come. To offer quality and quick diagnostic services, has set up regional state-of-the-art laboratories in Chennai, Bangalore, Pune, Kolkata & Gurgaon, all accredited as per ISO 15189 standards by NABL. In 2018, LifeCell Introduced its Biologics division by launching a series of products derived from placental tissues, which have well-established applications in clinical settings to provide solutions that enhance patient life expectancy and reduce global disease burden.

Our Mission

- To maximize the possibilities of good health for the future generations of our country.
- To ensure every family a healthy future by delivering timely access to stem cell units.
- To give every baby the right start to a healthy life through preventive, diagnostic services.

Core Values:

>Technology

Partner with the best in the world to gain access to global leading stem cell technologies.

>Society

Create a positive impact by providing sustainable healthcare solutions for every Indian family.

>People

Provide a transformative experience for employees, enabling them to realize their true potential.

>Sustainability

Responsibly conduct our operations to deliver on our promises to our clients.

Accreditations

LifeCell has been accredited for standards of AABB, AATB, CAP, WHO-GMP, NABL, ISO 9001:2015(QMS), ISO 27001(ISMS) and registered with US FDA & ICCBBA for ISBT 128 standard.



**GLOBAL INNOVATION EXCELLENCE
OF THE YEAR**



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INSTITUTE OF BRAIN AND BEHAVIOUR FOUNDATION (R)

AWARD WINNER 2021

About the Winner

IBBRF, based out of Bangalore, India Non-profit venture accelerates learning equity so all children can reach their potential.

We work primarily with teachers to equip and empower educators to deliver neurocognitive methods and practices in classrooms.

Guiding Beliefs

- Every child can reach their full potential.
- We believe that all behaviour is communication
- We believe in growing adaptive expertise
- Learning is growing neural connections
- Fostering a growth mindset around teaching and learning is paramount
- Neuroscience findings belong in the classroom
- Teaching should be brain-centric, not content
- We seek student-centred teaching and learning strategies

How We Do It:

- We translate neuroscience
- research into practical teaching
- and learning tools that can be
- applied to real classrooms with
- real results

Why We Do It:

- As an educator, have you ever had these thoughts?
- How do I get these kids to behave like learners?
- How can I get this child to engage in learning?
- How come he can't pay attention?
- Why doesn't she follow instructions?

What We Do:

- Inspire teachers
- Ignite classrooms
- Invigorate learning
- Bring brain-centric practices and processes into your classroom to:
- Improve academic performance by growing working memory and expanding executive function
- Build deeper connections with your students to increase their learning confidence
- Prepare the landscape for learning



STARTUP OF THE YEAR



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ABG CYBER SOLUTIONS

AWARD WINNER 2021

About the Winner

Our Vision remains as “Practice to Protect”: To inhabit an enduring and established cybersecurity practice that continually innovates at the speed of inspiration to bridge the gaps in cybersecurity skills. This determination, in turn, smoothens the progress of A-B-G services on the way to earn the trust of our patrons by delivering the best of our ability.

Our Mission is on “Learn to Know”: Delivering concrete cybersecurity technical edification, pioneering cybersecurity services and in this manner formulating solutions that endorse employability across cyberspace is our highest precedence.

ABG Cyber solutions, on a rise start-up cybersecurity company that concentrates on cybersecurity training & services. We make every effort to build enduring business associations in the midst of our partner's expectations in securing their IT infrastructure and digital identities. We are persistently on the lookout for improving our acquaintance's knowledge in cyberspace. Team ABG has delivered around 100+ training and FDP programs in Cyber Security and has trained over 5,000+ students. Cyber Security Training and Consulting via the ALFA, Security Testing via the BETA and Soft Skill Training for Cyber Space via the GAMMA are the key ingredients of ABG Cyber Solutions.

In the short span of two years, ABG became the first choice for cyber enthusiasts, government agencies, industry stakeholders and cyber societies who require pioneering research, technical insights and carrier guidance concerning cybersecurity.

ABG acts as the catalyst for the information security industry in India through joint research projects with security companies and like-minded research and development organizations in cyberspace, namely SkillsDA centre for advanced training, Cyber Onion, Vyapini Tech Services, Nam Chain, Rex Cyber Solutions and active memorandum of understanding with quite a good number of colleges and universities across the country.

ABG drives our initiatives by influencing budding cybersecurity enthusiasts to implement first-class technical training, pioneering cybersecurity services and solutions that facilitate our partners and patrons to outperform in cyberspace. At ABG, the security culture is aggressively controlled and held up by the company and its human resources. Although cybersecurity is a multifaceted issue, too often, organization trims down the problem with the sole purpose to meet the technical solutions needed to defend the big business. We care for scrutinizing the following 3 C's precisely to protect children online.

1. Conduct (clean cyber habits)
2. Contact (only whom we know)
3. Context (what/how we share online)

'ABG Cares' conducts workshops, drills and awareness campaign for unprivileged rural children's to prevent cyberbullying by inculcating clean cyber habits on not to respond to anonymous requests, not to recycle passwords, and to report to appropriate agencies as and when they feel insecure online. We constantly arrange free cyber awareness training for parents, teachers and social workers to be aware of everything children are doing online to be well organized to spot the risks and consequences of being constantly connected online.



GREEN PRODUCT OF THE YEAR



www.awards.humcen.com

AGASTTIKA HERBAL HAIR OIL

AWARD WINNER 2021

About the Winner

AGASTTIKA HERBAL HAIR OIL

The innovative formula of AGASTTIKA HERBAL HAIR OIL is a one-stop solution for your entire hair requirements, and it has a holistic effect on your hair. It is a unisex product; hence both male and female can use the AGASTTIKA HERBAL HAIR OIL for happy results.

SALIENT FEATURES

- **ANTI-DANDRUFF:** The regular application of Agasttika herbal hair oil predominantly eliminates dandruff.
- **REDUCES HAIR FALL:** The regular application of Agasttika herbal hair oil drastically controls hair fall.
- **REVERSE GREY HAIR:** Ingredients used in Agasttika Herbal Hair oil acts as a natural dye and turns hair black naturally on regular usage.
- **SUPPORTS HAIR GROWTH:** The regular usage of the Agasttika Herbal Hair oil makes the hair thick, smooth, density and supports new hair growth.
- **MOISTURISER:** Agasttika Herbal Hair oil gives life to the hair & keeps the hair shining without any oil stickiness.

STRESS BUSTERS: The Natural and sweet fragrance provides a relaxation effect on the mind and helps in good sleep.

- **REJENUATES THE DAMAGED HAIR:** Agasttika herbal hair oil restores the damaged hair and increases the hair quality and hair texture.
- **DETANGLE FOR SMOOTH COMBING:** Handpicked oil mixtures and natural processing technology provides a smooth and silky effect for combing, thereby minimizes hair damage while combing.
- **SUN PROTECTOR:** Agasttika herbal hair oil protects the hair from sun damages.
- **NO SEEPING:** Agasttika herbal hair oil is absorbed completely into the skin and scalp; hence, no oily forehead or sticky hair
- **STYLING PRODUCT:** Applying Agasttika herbal hair oil with little water acts like a setting gel

Agasttika Herbal Hair Oil is a unique oil with No Paraben, No Mineral Oil, No Chemicals, No Artificial Preservatives, No Artificial Colour, No Artificial Scent.



**FUTURISTIC PRODUCT
OF THE YEAR**



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TOUCHPAD COMPUTER BOOKS

AWARD WINNER 2021

About the Winner

TOUCHPAD COMPUTER BOOKS by ORANGE EDUCATION

Orange Education is a group of educationists, mentors, and strategists who believe in bringing out tech-driven educational solutions for fostering students' intellect and assisting them in bridging with the practical world to unearth their talents.

With a futuristic vision - "To empower the learners with the best computer education, technical skills and coding that unlock opportunities for a better India" Orange Education has evolved as a renowned brand. They launched 70 computer books for grades 1 to 10 in the year when a pandemic challenged the world.

One of these, "TOUCHPAD PLUS Ver2.0", received a huge response. These textbooks are Computer Sc. books for grades 1 to 8, designed carefully according to the New Education Policy 2020. Touchpad endeavours to teach students through playful learning techniques so that the child would be tech-savvy and ready for progressive, futuristic challenges of the world.

In complementary to the textbooks, it also has a One-Stop Digital Platform that gives advanced learning options like E-books with Interactive Animations, Worksheets, etc. That would help students grasp the concepts through this exceptional system.

"What we do today defines the future that we are going to have!". With this thought, they are working on some of the revolutionary projects for next year as a series on Artificial Intelligence from grade 6, Coding from grade 1 and more.

The world has been moving rapidly towards new technology and a better lifestyle. To keep up with these advancements, Orange Education is moving forward at an equal pace. They are motivated by these changes to produce the best tech-driven educational products that will enable them to meet their needs and achieve new heights.

The chairman of Orange Education, Mr Atul Gupta, is a source of constant motivation and encouragement for everyone. He has experience of more than 3 decades in running a couple of companies successfully with interest in the publishing industry in particular. He has been the pillar in taking the company to newer heights.



FUTURE PROSPECT OF THE YEAR



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MS. AMYA MADAN

AWARD WINNER 2021

About the Winner

Ms Amya Madan is a Certified Handwriting and signature analyst. She is the Founder of ÉCRIVONS-You Write, We Discover, a Personality Transformation platform that provides personality profiles to individuals (students and professionals) based on their Handwriting and signature analysis. She has conducted an analysis of over 4000+ individuals within a short span of 2 years.

She has completed her graduation in Psychology from Delhi University and has been a scholar student throughout her school and college.

She is currently pursuing MBA (Innovation & Entrepreneurship) from Symbiosis Institute of Business Management, Pune. Her startUp has also won recognition across various newspapers and platforms for being the first one to provide Graphology services in a B-school like SIBM, Pune.

She is a member of the WICCI-India Malaysia business council.

She is a mentor at ANON Global Foundation and was awarded her commendable work as the Speaker during Covid Crisis Response Initiative.

She is also a mentor at Prowisdom. She has completed over 50+ workshops and webinars across schools and colleges to make people aware of the importance of Graphology.

She has also been interviewed on various platforms to share her journey as an entrepreneur, such as IconTalks, WeTransform show, HerSuccessBits, Know Your Entrepreneur etc.

She has also been invited on various podcast platforms and as a Guest Speaker by various colleges, schools and B-schools.

She has also completed her Advanced Diploma in French from Delhi University.

She is an author too and has recently published her first book- WRITE YOUR OWN HAPPINESS, which is one of its first books that let the readers know what is stopping them from becoming happy through their Handwriting and ways to find that happiness.

5 years down the line, she sees herself and her startup as the best venture providing services in the Recruitment sector using Graphologist and transforming the lives of lakhs of people through her efforts.

Her parents are her biggest source of inspiration and support, who have also stood beside her in all her endeavours and have guided her on the right path.



**GLOBAL ACADEMIC RESEARCHER
OF THE YEAR**



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DR. SENDILKUMAR. B

AWARD WINNER 2021

About the Winner

DR.B.Sendilkumar, Dean and Director of School of Allied Health Sciences, Vinayaka Missions Research Foundation-DU hails from the beautiful temple city of Kanchipuram in India.

He has acquired the following Qualifications starting from BDS, MBA, MPH, MPhil-HHSM, PhD, D. Litt, D.Sc, FISRO, FSASS, FRSPH[UK], FSAPHO(UK), MDP in HM & DA [IIM-Ahmedabad]. He is also a qualified NABH Assessor, CII SR EHS Assessor, Certified Six Sigma Blackbelt in Quality, ISO Lead Auditor for ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 ISO 21001:2018 Standards.

Administering nearly 20 UG and 11 PG courses in Allied Health Sciences at 3 different campuses in Salem, Puducherry & Karaikal.

Since July 2018, He has been serving as Head-Transformation for the Vinayaka Mission Hospital, Salem. As an additional responsibility, he oversees its overall operations. He is also responsible for ensuring that the hospital's quality of service, efficiency, and customer satisfaction is at their highest at all times.

Ensured Diploma in Family Medicine & Diploma in Emergency Medicine courses is accredited with Royal College of General Practitioners, UK.

Executive Member in Purchase committee of the VIMS Hospital, Salem.

Executive Member in NABH accreditation process and Quality Control board in the VIMS Hospital, Salem

Secretary for the Infection Control Committee, VIMS Hospital, Salem, Chief Executive Member of Ethical Committee, VIMS Hospital, Salem, Chief Executive in International affairs of the Vinayaka Mission's and working out for the Collaboration with Harvard University.

He also holds the valuable posts and memberships of being the Chairman, Board of Studies, Allied Health Sciences, Vinayaka Missions Research Foundation, Salem, Subcommittee member in CII Southern Region on Education, Skills & Job Creation for the year 2021-22, Member in CII Tamilnadu Healthcare Panel and Member in CAHO Startup-Tech Committee.

With a rich 25 years of experience, including Academics, He has published 25 Research Papers and Articles. He was invited as a Guest speaker and Panelist to around 30 International and National events, Organized 20 International and National Conferences and 100+ webinars.

As recognition for His Outstanding and Excellent Contribution to various academic and research activities, he had been awarded 21 prestigious and honorary awards by different International and National conclave.

The CSR activities organized by him for the benefit of society has been well appreciated and acclaimed by people of all sectors.

His vision is to work towards an education system of equal access to all. He is a dynamic and versatile person having a quest for knowledge and is continuously marching towards success.



**ASPIRING INNOPRENEUR
OF THE YEAR**



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MRS. NEELIMA THAKUR

AWARD WINNER 2021

About the Winner

Neelima Thakur basically from Mumbai; now, she settled at Karaikal in Pondicherry. She graduated in English and imparting language efficiency training.

She started her business from home in 2015. A sudden spark to do something was behind her mind to keep the mind engaged as worrying over health made her depressed.

She kept researching the natural properties of different oils, which rendered hair health as well herbs which enhanced hair health and then gradually she landed upon an idea to launch a combination of different natural oils as a product to solve multiple issues like dryness, dandruff, hair fall, itching scalp and scanty hair. Its few applications gave good results* thus slowly the oil gained good customers who recommended in their family and friends.

After 3 months, she formulated another oil for Reversing and Preventing Greying in growing children*. Again, after some time, she launched a nourishing combination of Natural oils and slight herbal extracts blends for babies regular applications. Slowly she added a few more hair care related products that are effective and safe for the entire family. Now she has globally above 6500 clientele.

In her leisure time, she is nurturing her brand, Shine Herbals which deals in homemade, herbal hair oils specifically for Regrowth in hairless areas. It works well on hormonal imbalance, psoriasis, alopecia, thinning, bald patches, hereditary baldness, chemotherapy treatment undergone people, postpartum hair fall and many more hair related issues naturally, giving 100% satisfactory results.

We have many types of specific oils for different complaints and Skin Care Products. All-natural and safe. Shine Herbals has a range of almost 9 Hair Care and 8 Skin Care Products. Effective, Economic and Eco-Friendly Products is our Forte.

Today she has almost 6500+ clientele around the globe to her credit, maintaining faith and understanding with ever improvising high-quality products range.

She wanted to support Differently Abled Women gain confidence and steady income through her brand. She wants to grow her brand as a Purely Organic Brand and a One Spot Solution for all Hair and Skin Care Products.

She always considers Helen Keller and William Stephen Hawkins as her inspiration for they challenged against nature and so-called doctors' predictions and won accolades everywhere.



SOCIAL INNOVATOR OF THE YEAR



www.awards.humcen.com

DR. PRATEEP V PHILIP

AWARD WINNER 2021

About the Winner

Dr Prateep V Philip joined the Indian Police Service (Tamil Nadu cadre) in 1987. He is currently a Director General of Police in the Tamil Nadu state of India. During his 33 years of unblemished dedicated service, he has been recognized as a pioneer of Community Policing in the whole country.

He is a critical thinker, orator and writer. He possesses communication skills, problem-solving skills and interpersonal skills besides strong moral character.

To make the Police people-friendly and the people police-friendly, the officer pioneered for the first time globally the Friends of Police movement (FOP) during 1993, which was then extended to the whole State of Tamil Nadu in 1994. It is also the only available international blueprint for community policing globally on the net.

·In 2002, the FOP had won the Prestigious Queen's Award – 2002 from the UK for Innovation in Police Training and Development. 15000 pounds Queen's award was utilized for the development of FOP Documentation and Multimedia Center.

·The officer was selected for the Inaugural British Gurukul Chevening Scholarship Award for Excellence and Leadership at London School of Economics, London, during 1997-98.

He was the first officer globally to conceive and start Social Justice Tea Parties across the State to build communal harmony and remove caste discrimination with Central and State funding, impacting more than a million people in 40,000 villages.

His human centered innovations like Excenomics, Equilibrium Thinking and Fillipisms, received many accolades from all walks of life.

His recent book titled 'FILLIPISMS – 3333 Maxims to Maximise Your Life' is an ever-expanding extract of three decades of life experiences which are unique and original sayings. They are simple, pithy, pun-filled and metaphoric, and a by-product of Equilibrium Thinking.

Featured in the Asia Book of Records and a New World and Historical Record, recognized by World Records Union, this volume of Fillipisms consists of 3333, which incidentally breaks the world record of maxims or sayings written by a single individual in any language hitherto. The 3333 fillipisms have been organised into 33 chapters of 101 maxims for the sake of convenience and reference. Many leading authors and eminent personalities have appreciated the work as unique and innovative.



WOMEN SCIENTIST OF THE YEAR



www.awards.humcen.com

DR.D.KARTHIKA RENUKA

AWARD WINNER 2021

About the Winner

Dr.D.Karthika Renuka is working as an Associate Professor in the Department of Information Technology, PSG College of Technology. Her professional career of 16 years has been with PSG College of Technology since 2004. She is a recipient of Indo - U.S. Fellowship for Women in STEMM (WISTEMM)-Women Overseas Fellowship program supported by the Department of Science and Technology (DST), Govt. of India and implemented by the Indo-U.S. Science & Technology Forum (IUSSTF).

She was a Postdoctoral Research Fellow from Wright State University, Ohio, USA. Her area of specializations includes Data Mining, Evolutionary Algorithms, Soft Computing, Machine Learning and Deep Learning, Affective Computing, Computer Vision.

She has organized an International Conference on Innovations in Computing Techniques Jan 22- 24, 2015 (ICICT2015) and National Conference on "Information Processing and Remote Computing" on 27th and 28th February 2014 (NCIPRC 2014). Reviewer for Computers and Electrical Engineering, Elsevier, Wiley Book chapter, Springer Book Chapters on "Knowledge Computing and its Applications". She is currently guiding 7 research scholars for their PhD under Anna University. She has published several papers in reputed National and International journals and conferences.

Book Published: "Deep Learning using Python", ISBN: 9788126579914, Wiley India Pvt Ltd.

Research Projects:

Indo-U.S. Fellowship for Women in STEMM (WISTEMM)-Women Overseas Fellowship proposal on - "Cognitive analysis for emotion detection on social media using deep learning techniques" for a duration of 4 months under the U.S. Host Prof. Krishnaprasad Thirunarayan, Professor, Department of Computer Science and Engineering, Wright State University, Dayton (OH), USA awarded with \$17,700 USD.

Design and Implementation of E-Learning System using Deep Learning Based on Audio-Video Speech Recognition for Hearing Impaired in Native Language" funded by DST - ICPS, for an amount of Rs.70,00,000/-

UGC-Minor Research Project (MRP) titled "Multiple Classifier for Email Spam Classification in a Distributed Environment for reducing Network Traffic and improving the Network Performance" for an amount of Rs.3,90,000/-

AICTE –MODEROPS (Data Analytics Tool) for an amount of Rs. 2,00,000/-



MENTOR OF THE YEAR



www.awards.humcen.com

DR. T. BALAMURUGAN

AWARD WINNER 2021

About the Winner

Dr T. Balamurugan presently works as a mechanical engineer professor and the Principal in Arasu Engineering College, Kumbakonam, Tamil Nadu – 612501, India. He has completed his B.E. Mechanical Engineering from Bharathidasan University, Tiruchirappalli, M.E. in Refrigeration and Air-conditioning from Bharathiyar University, Coimbatore and Ph. D in Mechanical Engineering from Anna University, Chennai. Nearly 24 years of experience in the field of teaching and research. He has been recognized as the research supervisor by Anna University, Chennai.

He has authored three book supplements for Heat and Mass Transfer, Power Plant Engineering and Automobile Engineering. Also, he has authored three textbooks titled Basic Engineering, Engineering Thermodynamics and Thermal Engineering. He has attended more than thirty seminars, conferences, and Faculty Development Programs published thirteen research articles in various international peer-reviewed journals. Acting as resource person in various seminars, conferences and faculty development programs organized in thermal engineering.

Contributing as one of the editorial board members of the International Journal of Current Research and Development, Chief Editor of the editorial board of Omega Publications, Technical reviewer for the journals such as Energy efficiency, Bio-energy research, etc.

During his service, he has involved in the erection and commissioning of the sewage treatment plant, responsible for the erection and commissioning of solar water heater, involved in the implementation of ISO 9001: 2000 & ISO 9001:2008 Quality Policies, acted as the treasurer for Mechanical Engineering Association, acted as the Rotaract Club staff advisor, and as the registry for Grievance Redressal Committee, acted as the coordinator for NAAC & NBA at Arasu Engineering College, Kumbakonam.

Also a Life Member of the Indian Society for Technical Education (ISTE) and a Fellow member in the Indian Institution of Production Engineers (IIPE).

During this pandemic period, he encouraged and mentored the students to do innovative projects for the benefit of humankind; accordingly, the students did the projects such as Automatic robot for cleaning and sanitizing the public transport vehicle, Automatic sanitiser dispenser, Spirometric device for detecting the earlier stage COVID infection, Automatic crowd monitoring system, Automatic traffic control system, System for smart agriculture and farming, Design and fabrication of safety system for drainage workers, Fabrication of zero fuel cost and zero-emission vehicle, etc. which were telecasted through various media and published in various newspapers.

He was doing social service in three villages by adopting the villages under the National Service Scheme through Unnath Bharath Abhiyan Scheme.



**WOMEN RESEARCHER
OF THE YEAR**



www.awards.humcen.com

DR. DEVASENA. M

AWARD WINNER 2021

About the Winner

Dr M. Devasena is a Chemical Engineer with a specialization in Environmental Engineering. She did her Masters in Nanyang Technological University Singapore and PhD at IIT Madras. Currently, She is working as Associate Professor at PSG Institute of Technology and Applied Research, Coimbatore.

A commitment drives her research interest to a sustainable environment in terms of water, soil and agriculture. This has led to innovative sustainable phosphorus fertilizer from cow urine and receive the prestigious Chaatra Vishwakarma Award for the same from the Honorable Vice President of India Shri. Venkaiah Naidu on January 21, 2019.

The Fast Track Young Scientist Award from DST helped her focus on remediating explosive contaminated soil with the help of green biosurfactants.

The collaborative project with Iran focuses on the transport of methane plumes in groundwater. Also, a recipient of the Award for Asian Young Professional on Water Research, Symposium on Southeast Asian Water Environment, Hanoi, Vietnam. Travelled to Brazil, Japan, Singapore, Vietnam and Indonesia for various conferences and talks.

Her research focus is to continuously investigate and improve the quality of the environment by undertaking socially driven projects in collaboration with industries and national funding agencies and provide sustainable solutions to society.

Environmental related profession, according to her, is an intrinsically fascinating hobby, and the award would definitely strengthen and professionalize her identity as a socially responsible person and further increase her commitment to society.

In the longer term, she will continue to develop critical and timely projects to build a reputation for excellent work in waste management and water management and help restore our clean and green environment. Her greatest inspiration is her PhD Supervisors Dr Indumathi Nambi and Dr Ligy Philip from IIT Madras.



ICONIC INVENTOR OF THE YEAR



www.awards.humcen.com

MR. TAMIZHINIAN

AWARD WINNER 2021

About the Winner

Mr. Tamizhinian, CEO of Frigate Engineering Services Private Limited, his expertise includes

- Design and Development, Sheet metal fabrication, 3D printing, CNC machining, CAE.
- 11 years of various industrial experience from Defence to heavy machinery in Design, Analysis, manufacturing of Static structures, Industrial, Pressure vessels, silencers, Aero Engine testbeds, High-pressure components, Casing, Shaft assembly, machinery and oil and gas equipment
- Certified WPM auditor with strong implementation skills in lean tools like 5S and Kaizen.

Before he started his own venture, he has enough hands of experience with the following reputed firms;

- Acoustics India, As a team, he handled projects worth up to 8 crores in prototype testing working with man, machine from manufacturing to design for DRDO (Government Defence Organization)
- MAN Diesel, GE, Siemens, Alstom, Reliance, ISRO, Tata power on handling the projects on computer-aided engineering

He has done his Masters in Engineering Design, and currently, he is doing his PhD at Anna University.

Some of his Achievements:

- Worked for Tamil Film Nanban. Developed 36 projects within 2 days for the climax Vijay school scene
- Finalists in the Startup Tamilnadu event amongst 130 startups in Tamilnadu conducted in 2020
- Designed and Developed the world's first camera car for a vintage camera museum, Singapore
- Developed and grown Frigate Engineering Service Private Limited as a Self-employed professional (As a Part-timer) and delivered over 1100 prototypes and 25000 prototypes along with our Design consortium members.
- Have been a product development influencer to the next generation and have given guest speeches at various forums, including Joshtalks, Lokal app and many other forums and academic institutions throughout the globe.

His plans:

To make India a product development and manufacturing hub and Frigate a Unicorn company in the Manufacturing and innovative product development sector.



PRODUCT DESIGNER OF THE YEAR



www.awards.humcen.com

MS. NIKITA CHANDRAKANT SHIRKE

AWARD WINNER 2021

About the Winner

Ms. Nikita Shirke is an interior designer by profession with 12 years of experience in her field. After so many struggles in her life, now she is part of her own company (shirkeskitchen.com) as a director.

She is handling the residential and commercial project. In a residential project, her journey started from a small 1 BHK flat to a bungalow along with a lot of good experiences.

In the field of carpentry, she can do so many designs with unique user-centric concepts and shapes. In modular, she spends her time using so many different finishes of laminate and so many different fittings the two other worlds to experience it.

As a product designer and director of her company, she handled more than 10,000 + clients. In commercial projects, she managed 5000 + clients; her products have a tremendous response and deals with the office sector, banking sector, IT sector, Hotels and Hospitals.

Her company, Shirke's Kitchen, is a kitchen materials' production company with active retails units in various parts of Pune and Kolhapur.

A few years ago, they realized a huge gap between quality and high priced kitchen products, so they have launched into kitchen space to bridge the gap and bring to the customers justified quality and pricing.

They differentiate themselves based on three essential aspects: quality, affordability, reliability.

She put a lot of emphasis on the essential kitchen structure and uses high-quality materials that are useful and complete the requirements of a modular kitchen. Her designs are clutter-free, aesthetically beautiful and based on optimum utilization of the space.



YOUNG SCIENTIST OF THE YEAR



www.awards.humcen.com

MR. AKULA THARUN RAJ

AWARD WINNER 2021

About the Winner

Mr. Akula Tharun Raj, based out of Hyderabad, currently leading a start-up named Practise Hub, where they provide a wide range of opportunities for the students who are passionately interested in technical learnings.

And they are currently working on a millet sorting machine and Firefighting swarm drones which play a crucial role in rural development and disaster management.

He strongly believes in the power of sharing and exchanging knowledge. Hence, he participated in many events/contests to showcase his projects and learn from other participants. Eventually, he started conducting technical workshops on IoT and robotics at multiple prominent National Universities and International schools across India.

He chose the path of innovation and started leveraging technology that he was well-versed with.

After completing his education from JNTUH, he started working as an academician, heading a STEM lab at Delhi public school, which has been one of the best institutions in India, where he usually guides students on AI, IoT Drones, Robotics, and other research-related projects. This stint has reinforced his belief that Robotics, Drones, the Internet of things, and AI are critical for the success of several research projects.

Some of his achievements:

- Conferred “Best rural innovator award” by National Institute of Rural Development (NIRD), India, for inventing a “The sorting machine” which has applications in Food processing
- My innovations were showcased at “Rural Innovators Start-up Conclave” and were published by NIRD in their two books in 2018 and 2019, respectively.
- Runners up at the World Robotics Championship innovation contest, conducted by All India Council for Robotics & Automation (AICRA).
- Won 70+ National and International technology competitions conducted by prestigious institutes like IITs and NITs across India.

His long-term goal is to set up his incubation centre, where he fosters innovation and support knowledge-based entrepreneurship and strive hard to bring up many more young minds to the world. He would like to emphasize ventures that focus on wealth generation associated with social value creation.



LIFE TIME ACHIEVEMENT



www.awards.humcen.com

MRS.UMANAMBI. J

AWARD WINNER 2021

About the Winner

Mrs.Umanambi.J, presently working as HoD - Civil in Paavai Engineering College. She did her schooling at St. Mary's higher secondary school and awarded with National Merit scholarship by the Director of Collegiate Education, Madras-600006.

She did her Post Graduate in Environmental Engineering, placed university 1st rank, and won the gold medal. She had participated in the International Conference on "Sustainable Approval for Green Computing, Economy and Environment (SAGCEE13)" held on 9th -11th December 2013 and presented a paper on "Ground Water Potential Zones and Artificial Recharging using Remote Sensing Technology".

She started her career as Associate Lecturer in "The Salem polytechnic college" Salem on 23/06/1986 and was elevated to the post of principal on 18/01/1998. She served in Salem on Polytechnic for 29 years and got VRS on 30/06/2015 at the age of 50. After that, she joined Paavai Engineering College as HoD-Civil on 19.06.2017 and still working there.

She is in the teaching field for the past 33 years, and life member of IE and ISTE and an executive member of the Institution of Engineers, Salem local chapter. She received the Best Woman Engineer award, and she guided and motivated more than 3000 students so far in her journey.

Most of her students are well settled in high position in state, central and private sectors. Still, they all remember her and praised her for their present position.

She wishes to serve in the teaching field throughout her lifetime. She wanted to be the mother of her students to motivate and guide the budding Engineers to come up in their life and shine as silver stars in the sky.



**YOUNG ENTREPRENEUR
OF THE YEAR**



www.awards.humcen.com

MR.K.TAMILARASAN

AWARD WINNER 2021

About the Winner

Mr.Tamilarasan.K, Managing Director of Labyrinth Logistics Pvt Ltd. He has started his company in 2016.

Previously he was working as a ground Staff in one of the reputed company in Chennai. After ten years of good experience and knowledge. He thought of starting his own business in the same field.

When he started his company, he didn't have anything in his hand, but he had the confidence to progress his dream. Through his hard work and ability to manage any challenges brings out the dream became true.

With his experience, he started small with 200 sq. ft room as single person company has created value to his customer through their best in class services.

At the initial stage itself, among all other big names in the market, his company started giving awesome experiences to whoever took his services, which helps him to make a 3 crore turnover within the span of 3 years.

It's not about money; it's all about how many customers who trusted his services matters a lot.

His core ambition is to give more employment to freshers, learn some good experience, and support them to start their new business.

Currently, his company Labyrinth Logistics Pvt Ltd is the expert in handling cargo to Andaman and Nicobar islands and importing and exporting clearance to all other countries.

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