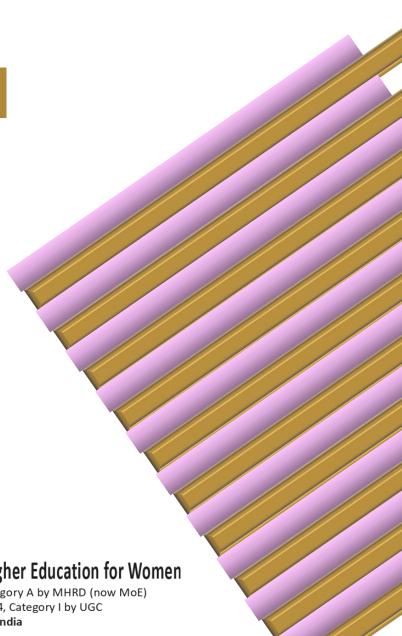
## **Annual Report**

2024-2025



Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD (now MoE)
Re-accredited with A++ Grade by NAAC. CGPA 3.65/4, Category I by UGC
Coimbatore - 641 043, Tamil Nadu, India

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#### From the desks of ....



# Dr.Meenakshi Sundaram Chancellor and Managing Trustee

As we enter the academic year 2025–26, we celebrate the enduring legacy of our founders, Dr. T.S. Avinashilingam and Dr. Rajammal P. Devadas, whose vision has guided this institution since its inception in 1957. Avinashilingam Institute for Home Science and Higher Education for Women remains a pioneer in women's education, dedicated to academic excellence, research, and social impact.

The Academic year 2024-25 has been marked by significant progress. Our faculty and students have achieved accolades in academics and research, contributing to innovations, patents, and impactful publications. Strategic national and international collaborations have further enhanced learning and research opportunities.

We remain deeply committed to empowering women, fostering inclusive growth, and preparing our students for meaningful careers. With a strong foundation and forward-looking vision, we aim to lead with purpose and passion in the years ahead.

#### Thank you for your continued support.

#### From the desks of ....



## Dr. Bharathi Harishankar Vice Chancellor

With deep pride and renewed commitment, I welcome the, academic year 2025–26 at Avinashilingam Institute for Home Science and Higher Education for Women. Guided by the vision of our founders, we continue our mission to empower women through holistic, value-based, and future-ready education.

Our Institute remains a dynamic space where tradition and innovation go hand in hand. Rooted in Indian values and cultural richness, we strive to provide a modern, scientific, and globally relevant learning environment. The Learning Outcomes-based Curriculum Framework has brought a renewed focus on academic rigour, student engagement, and measurable outcomes.

This year, we aim to further strengthen our research ecosystem. With growing national and international recognition, our projects are making meaningful contributions to science, technology, and society. We will continue to support innovation, interdisciplinary research, and entrepreneurship across all domains.

Together, we move forward with purpose, committed to excellence and societal impact.



Dr. H. Indu *Registrar i/c* 

The academic year 2025–26 marks another significant step forward in our journey of excellence at Avinashilingam Institute. Building on the achievements of previous years, we continue to empower women through quality education, impactful research, and inclusive innovation.

Our students and faculty have brought national and international recognition through awards, publications, patents, and collaborative research. The dynamic academic environment we nurture is strengthened by global partnerships, interdisciplinary learning, and technology-driven instruction as projected in this annual report.

With NAAC A++ accreditation as our foundation, we remain committed to advancing research, fostering innovation, and creating a learning ecosystem that supports both academic and personal growth. Our emphasis on values, employability, and lifelong learning ensures our graduates are well-prepared for societal and professional challenges.

Together, we will continue shaping a future of excellence, equality, and transformative education.

With best wishes for a fulfilling and successful year ahead.

## Vision, Mission, Core Values, and Objectives

#### We Envisage

"Self-development and empowerment of women through modern, scientific and value-based education to enable them to lead a purposeful life filled with moral and spiritual values"

#### **Through**

Providing quality education of global standards on a strong foundation of Indian values and traditions to women students based on advances in science, technology, and societal demands with emphasis on commitment to social progress, peace, harmony, and national integration

#### **Core Values**

Academic Excellence, Social Relevance and Women Empowerment, Accountability and Transparency, Diversity and Inclusion, Vitality of Culture and Values

#### **Objectives**

- Provide opportunities for the all-round development and excellence in higher education, Research and Extension; Inculcate ethical values, social and moral standards
- Generate awareness among women about their rights and status
- Serve as a centre for national integration by bringing women together and developing an all-India perspective; Disseminate the outcomes of research to society
- Frame policies for the Institute, complying with UGC & other Governmental Bodies

#### **Present Status and Accreditation**



**Category A** 



Category I University 12B Recognised



A++ CGPA 3.65 (2022-2027)



NIRF 2024 98<sup>th</sup> Rank among Universities



4-star Performer (2024-2025)





Approved Integrated
Teacher
Education
Programme
(ITEP)



Approved Inclusive and
Special Integrated
Teacher Education
Programme
(ISITEP)

#### **Institutional Milestones and Honours**



Certified with an Inspection Certificate on 04.04.2025 with the validity up to 20.03.2028 in 7 areas of audit.

Green Audit; Environment Audit; Energy Audit; Waste
Management Audit; Soil and Water Audit; Air Quality Audit;
Hygiene Audit



#### **Best University Award**

for outstanding commitment to academic excellence, provision of state-of-the-art facilities, leadership development initiatives



#### Green Initiatives and Environmental Sustainability Award

for outstanding achievement in promoting an Eco-friendly campus.



# Best Green & Clean Campus Award for maintaining an Eco-

maintaining an Ecofriendly campus



23<sup>rd</sup> Rank in the Private University category



**Rating of A** based on performance in the NPTEL online certification



#### **Kalam's World Record**

for the Largest Screen
Printing of the Indian
National Flag



Conference Initiator
Award by the WUCAD
Secretariat

#### **Institutional Milestones and Honours**

### **Strategic Expansion**



**Centre for French and other Foreign Languages** 



IT/ICT Design and Development Cell



**Ecofriendly Edible Packaging Centre** 



**Food Sensory Evaluation Centre** 



**Centre for Continuing Education** 

#### **Civic Laurels of the Institution**



Elite World record for participation in the activity - 100 Acts One Mission – Unite, Serve, Inspire

Appreciation Award for conducting Anti-Drug Awareness Initiatives





Award of Recognition for impactful Women and Child Development Initiatives

**Community Literacy Award** by the Directorate of
Collegiate Education, Coimbatore





**Schools** 8

**Departments** 

41

#### **Curricular Initiatives**

**Programmes** 



**UG 54** 

**PG 43** 

PG Dip 4

Ph.D 34

B.Sc. Augmented Reality & Virtual Reality

B.E. Computer Science and Engineering (AI & ML)

B.E. Computer Science and Engineering (IoT and

Cyber Security including Blockchain)

M.Sc. Artificial Intelligence



**New Programmes** Introduced

19

44

101



**Diverse Course Offerings** 



55

**MOOC Course** Offered

35



Value added

Courses

Skill Based Courses



**Generic Elective** Courses



103

**IKS Courses** 

**Professional Certificate Courses**  Interdisciplinary Courses

Multi-disciplinary Courses

**MOOC** Course Opted

**New Courses** introduced

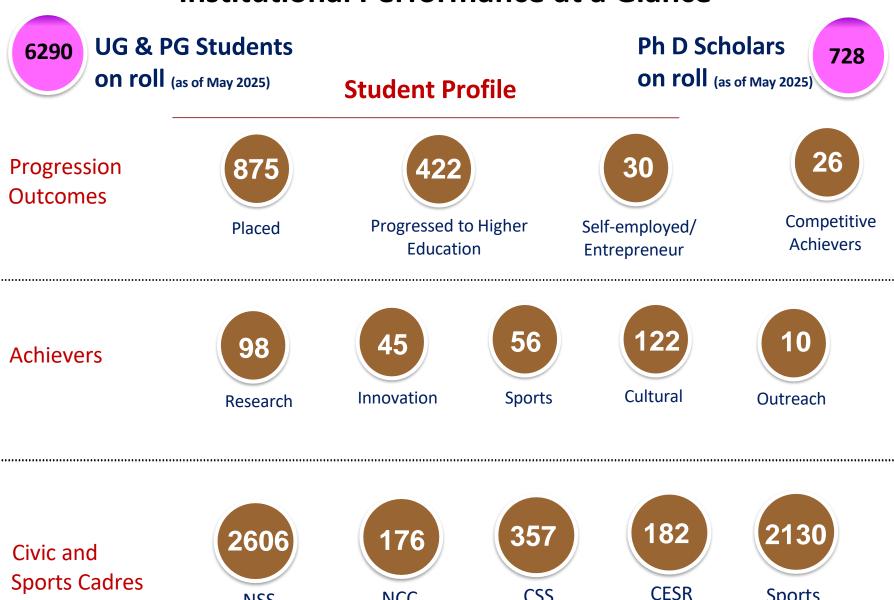
**Career Integrated** Learning











**NCC** 

NSS

**CSS** 

**Sports** 



**Faculty Profile** 

Faculty with Ph.D

283

Academically **Upskilling Events Attended** 



Workshops



Refresher/ **Orientation Courses** 



FDPs/PDPs



Short-term Courses/Capacity **Building Programmes** 

**Research-Active Events Attended** 



Conferences/ Seminars/Symposia



**Papers Presented** 



Visits Abroad

**Honours** and Recognition



**Excellence Awards** 



30 Research/ **Innovations Awards** 

37 Sports/Cultural

**Awards** 



**Awards** 



MoUs Signed 2024-25

**Active MoUs** 

14

Colloborations

#### **Events Organised**

**Hosted for Public** 











Conferences

**Seminars** 

Workshops

**Awareness Programmes**  FDP/ATP/PDP

**Self-hosted** 

Workshops/ **Training Programmes** 



23



19

Communication /Soft Skills

Life Skills

Awareness in Trends & **Technology** 

Research Methodology /IPR

Special/ **Guest Lectures** 



**Meetings** 



**Competitions** 



## **Statutory Bodies of the Institute**

| Statutory Body            | Dates of Meetings<br>Conducted  | List of<br>Members |
|---------------------------|---|--------------------|
| General Body              | 20/09/2024  | Annexure 1         |
| Executive Council         | 12/06/2024, 01/10/2024,<br>19/02/2025, 02/06/2025<br>By circulation – 30/07/2024,<br>16/10/2024 | Annexure 2         |
| Academic Council          | 21/12/2024, 23/05/2025  | Annexure 3         |
| Finance Committee         | 29/07/2024, 08/10/2024,<br>21/05/2025   | Annexure 4         |
| <b>Building Committee</b> | 27/09/2024  | Annexure 5         |
| <b>Board of Studies</b>   | 04/10/2024, 06/03/2025  | Annexure 6         |

|                   | Resource Management   |  |
|-------------------|---|--|
|                   | B.Sc. Interior Design and Resource Mana<br>M.Sc. Interior Design and Resource Man                         | This resource management   |
|                   | Food Science and Nutrition  |  |
|                   | B.Sc. Food Science and Nutrition M.Sc. Food Science and Nutrition   | PG Diploma in Public Health Nutrition Ph.D. Food Science and Nutrition                                     |
| School of         | Food Service Management and   | Dietetics  |
| Home<br>Science   | B.Sc. Food Service Management and Diet M.Sc. Food Service Management and Die                              |  |
| 6                 | Textiles and Clothing   |  |
| Departments<br>25 | B.Sc. Textiles and Apparel Designing B.Voc Textile Dyeing and Printing M.Sc. Textiles and Fashion Apparel | M.Sc. Biotextiles Ph.D Textiles and Clothing   |
| Programmes        | Human Development   |  |
|                   | B.Sc. Human Development<br>M.Sc. Human Development  | Ph.D Human Development   |
|                   | Home Science Extension Educate  | ion  |
|                   | M.Sc. Extension and Communication   | M.A. Women's Studies and Entrepreneurship Developme<br>h.D Home Science and Extension<br>h.D Women Studies |

School of
Physical and
Computational
Sciences
5
Departments
20

programmes

| Mathematics   |  |
|---|--|
| B.Sc. Mathematics<br>M.Sc. Mathematics  | Ph.D Mathematics   |
| Physics   |  |
| B.Sc. Physics<br>M.Sc Physics   | Ph.D Physics   |
| Chemistry   |  |
| B.Sc. Chemistry<br>M.Sc Chemistry   | Ph.D Chemistry   |
| Computer Science  |  |
| B.Sc. Computer Science<br>B.C.A. Computer Application<br>B.Voc. Artificial Intelligence and Machine Learning<br>PG Diploma in Artificial Intelligence | M.Sc. Computer Science M.Sc Artificial Intelligence M.C.A. Ph.D Computer Science |
| Information Technology  |  |
| B.Sc. Information Technology<br>M.Sc. Information Technology  | B.Sc. Augmented Reality and Virtual Reality                                      |

School of Bio-Sciences

3

**Departments** 

12

programmes

**Botany** 

B.Sc. Botany

M.Sc. Botany

Ph.D Botany

Zoology

B.Sc. Zoology

M.Sc. Zoology

Ph.D Zoology

**Biochemistry, Biotechnology and Bioinformatics** 

B.Sc. Biochemistry and Biotechnology

M.Sc. Biochemistry

M.Sc. Biotechnology

M.Sc. Bio-informatics

Ph.D Biochemistry

Ph.D Biotechnology

School of
Arts and
Social
Sciences
9
Departments
1 Centre
24
programmes

| Economics                                     |                           |                             |  |
|---|---------------------------|-----------------------------|--|
| B.A. Economics                                | M.A. Economics            | Ph. D Economics             |  |
| Tamil   |                           |                             |  |
| B.A. Tamil                                    | M.A. Tamil                | Ph. D Tamil                 |  |
| English                                       |                           |                             |  |
| B.A. English                                  | M.A. English              | Ph.D English                |  |
| Hindi   |                           |                             |  |
| B.A. Functional Hindi                         | M.A. Hindi and Journalism | Ph.D Hindi                  |  |
| Music   |                           |                             |  |
| B.A. Music                                    | M.A. Music                | Ph.D Music                  |  |
| Psychology                                    |                           |                             |  |
| B.Sc. Psychology                              | M.Sc. Applied Psychology  | Ph.D Counselling Psychology |  |
| Visual Communication                          | Political Science         | Sanskrit                    |  |
| B.Sc. Visual Communication                    | M.A. Political Science    | B.A. Sanskrit               |  |
| Centre for French and other Foreign Languages |                           |                             |  |
| M.A. French                                   | PG Dip. French            | Ph.D. French                |  |

School of Commerce and

Management

3

**Departments** 

**15** 

programmes

#### Commerce

B.Com

**B.Com with Minor Specialization** 

**B.Com Professional Accounting** 

**B.Com Computer Application** 

B.Com Corporate Secretaryship

M.Com

M.Com Computer Applications

Ph.D Commerce

#### **Business Administration**

**BBA** 

**MBA** 

MBA Information Technology and System Management

Ph.D Management

#### **Tourism Management**

BBA. Tourism

MBA. Tourism and Travel Management

Ph. D Tourism and Management

## School of Education

3

#### **Departments**

**12** 

programmes

#### **Education**

B.Ed.

M.Ed. (General)

Ph.D Education

#### **Special Education**

B.Sc. Special Education Rehabilitation and Mathematics

B.Ed., Special Education (VI)

B.Ed., Special Education (HI)

M.Ed., Special Education (VI)

M.Ed., Special Education (HI)

Ph.D Special Education

#### **Physical Education**

B.Sc. Physical Education

B.P.Ed. Physical Education

Ph.D Physical Education

#### **Biomedical Instrumentation Engineering**

B.E Biomedical Instrumentation Engineering M.E Medical Electronics

Ph.D Biomedical Instrumentation Engineering B.Voc. Medical Equipment Technology

#### **Civil Engineering**

B.E Civil Engineering with Computer Application

Ph.D Civil Engineering

School of

**Engineering** 

6

**Departments** 

21

programmes

#### **Computer Science and Engineering**

**B.E Computer Science and Engineering** 

B.E Artificial Intelligence and Data Science

B.E CSE (IoT & Cyber Security, including Blockchain Technology

B.E Artificial Intelligence and Machine Learning

M.E Artificial Intelligence and Data Science Ph.D Computer Science and Engineering

#### **Food Processing and Preservation Technology**

B.E Food Technology

Ph.D Food Technology

M.E. Food Technology

B.Voc.Food Processing and Engineering

#### **Electronics and Communication Engineering**

B.E Electronics and Communication Engineering

Ph.D Electronics and Communication Engineering

M.E Embedded System and VLSI

#### **Printing Technology**

B.E Printing Technology

Ph.D Printing Technology

#### **Physician Assistant**

**B.Sc Physician Assistant** 

#### **Audiology and Speech Language Pathology**

BASLP Bachelor in Audiology & Speech Language Pathology

#### **Physiotherapy**

**BPT Bachelor in Physiotherapy** 

#### **Optometry**

**Bachelor of Optometry** 

#### **Embryology**

M.Sc. Clinical Embryology

#### **Clinical Psychology**

M.Sc. Clinical Psychology

School of Allied and Healthcare Sciences

6

**Departments** 

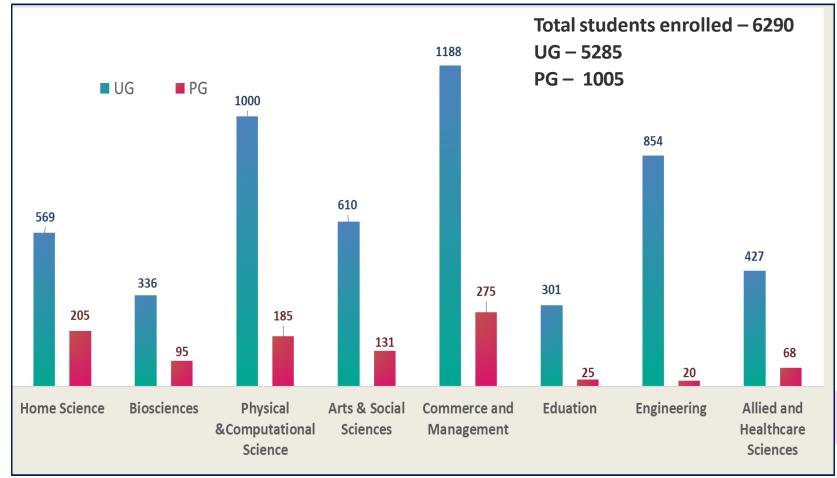
6

programmes

#### **Student Enrolment**

#### School-wise and Level-wise distribution of Students enrolled

The graph indicates that at the undergraduate (UG) level, student enrollment is highest in the School of Commerce and Management, followed by the School of Physical and Computational Sciences. At the postgraduate (PG) level, the School of Commerce and Management also records the highest enrollment, with the School of Home Science ranking second.

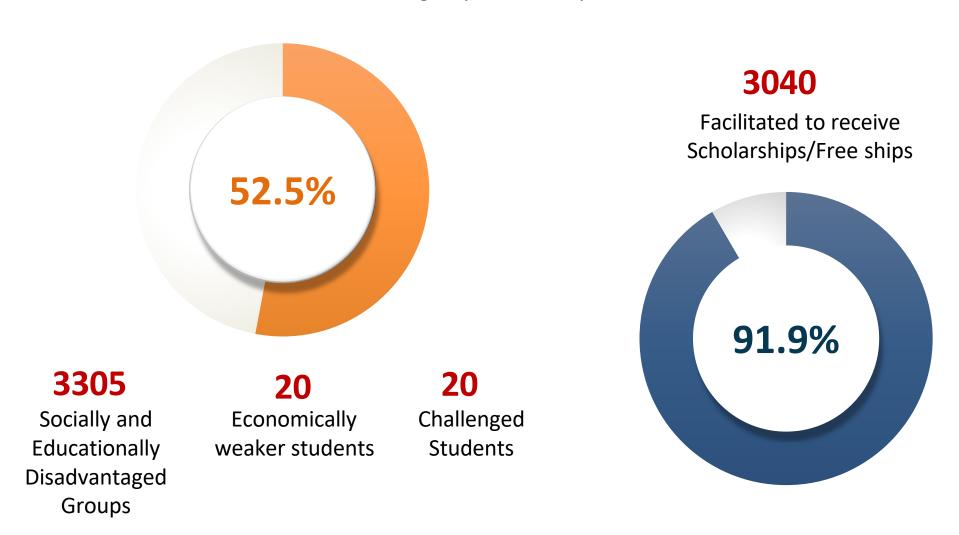


Annexure – 7

Data as of May 2025

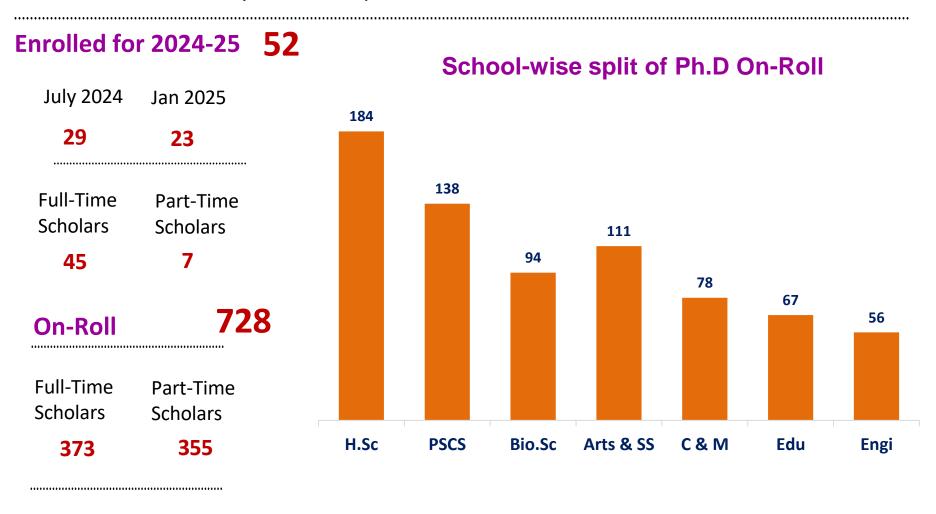
## **Diversity and inclusion**

In line with its vision and mission, the Institute prioritises the equity dimension in terms of social inclusion and the diverse student group's social experience.



#### **Research Scholars Enrolled**

For the academic year 2024-25, 52 scholars registered for doctoral degrees. The research progress is guided and monitored in accordance with the UGC regulations of 2019. Utmost care is taken to identify a research problem based on societal needs and concerns.



## **Academic Outcomes: Undergraduate and Postgraduate**



The institution achieved a commendable pass percentage of 97.6% for the academic year, reflecting the consistent efforts of both students and faculty

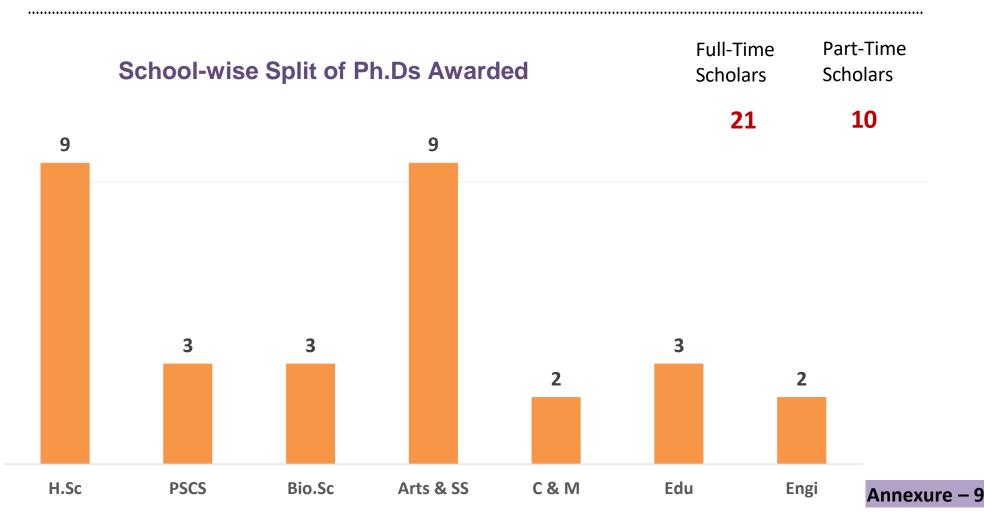
| Level/Programme | Appeared | Passed<br>Out |
|-----------------|----------|---------------|
| UG              | 1564     | 1520          |
| PG &PG Dip.     | 525      | 519           |
| B.Ed.           | 107      | 105           |
| M.Ed.           | 11       | 11            |
| Total           | 2207     | 2155          |

Annexure - 8

Data as of 2<sup>nd</sup> June 2025

#### Ph.Ds Awarded

For the academic year 2024-25, 31 scholars were awarded their doctoral degrees. The award of the degree is guided and monitored according to UGC regulations, 2019.



## **Student Progression**

#### **School-wise Progression**

| Schools                             | Placed | Higher<br>Education | Self-<br>Employed |
|-------------------------------------|--------|---------------------|-------------------|
| Home Science                        | 60     | 56                  | 10                |
| Physical and Computational Sciences | 296    | 97                  | 2                 |
| Bio Sciences                        | 48     | 28                  | Nil               |
| <b>Arts and Social Sciences</b>     | 19     | 109                 | 8                 |
| Commerce & Management               | 349    | 109                 | 9                 |
| Education                           | 6      | 13                  | Nil               |
| Engineering                         | 64     | 1                   | Nil               |
| Allied and Healthcare<br>Sciences   | 33     | 10                  | 1                 |
|                                     | 875    | 422                 | 30                |

#### **Sector-wise Placements**

Gems & Jewellery - 8

IT & Software - 95

**Chemical Industry - 3** 

Infrastructure & Construction - 1

**Consulting Service - 467** 

Healthcare - 89

Manufacturing & Industrial - 19

Textile - 13

**Travel & Hospitality - 32** 

Retail - 148

## **Glimpses of Student Excellence**



Sowmiya G, Ph.D, FSN - 1<sup>st</sup> Prize in Paper Presentation



Karishma Begum, Ph.D, HD -Young Scientist Award



Iniyazh and Sai Janashree, UG, Physiotherapy - 1<sup>st</sup> Prize in Paper presentation



S. Harini, UG, English--Certificate of Achievement for 'Jackhi Book World Record



Deepika K, Ph.D, Economics, awarded the Outstanding Young Researcher Award



Wordshin, Pon Nivetha, & Aruna, Ph.D, Chemistry, won 1st (South Zone) & 2nd Prize (All-India) at Anyeshan-2024

- Ms. Archana, UG, BC/BT recognised for Contribution to Viksit Bharat 2047 by the Ministry of Youth Affairs and Sports, Gol
- Ms. T. Nercyba, UG, Economics, 1<sup>st</sup> place in Best Public Speaking
- UGC nominated 9 students to act as NEP SAARTHIS
- V. Priyanka, UG.. Economics participated in the Republic
   Day Parade 2025 at Marina, Chennai
- A.Gandhi Mathy, UG, FSN participated in the Republic
   Day Parade 2025 in Karsavina Path, New Delhi
- M. Kalaivani, UG, Computer Science, participated in the Army Adventure Camp at MRC Wellington
- Ms. A. Saranya, UG, FSN Student Volunteer, TN Govt

## **Teaching Positions at a glance**

Sanctioned Teaching Positions

409

Available Teaching Faculty

408

Positions filled against Sanctioned posts by UGC

**135** 

Positions filled against Sanctioned posts by Management

**273** 

**Teaching Faculty with Ph.D** 

283

Professors \*

**57** 

Associate Professors \*

40

**Assistant Professors** 

263

**Teaching Assistants** 

48

<sup>\*</sup>Professors and Associate Professor Positions include CAS

# Academic-upskilling and Research-active events attended by the Faculty

| Type of events                        | No.of.Faculty | Annexure          |
|---------------------------------------|---------------|-------------------|
| Faculty Development Programme         | 239           | Annexure – 12a    |
| Professional Development<br>Programme | 5             |                   |
| Short-term Course                     | 16            |                   |
| Capacity Building Programme           | 17            |                   |
| Orientation Course                    | 3             | Annexure – 12b    |
| Refresher Course                      | 9             |                   |
| Workshops                             | 82            | Annexure – 12c    |
| Seminar                               | 48            | Annexure – 12d    |
| Conference                            | 251           | Paper Presented - |
| Symposium                             | 1             | 201               |

Papers Presented

201

Annexure – 12

## **Glimpses of Faculty Excellence**

| Dr. V.Bharathi Harishankar, V           | ice Chancellor – Excellence Academia Award   |
|---|--|
|   | Dr. Janaka Maya Devi, Dept. of Music –Navaratna Award                                  |
| Dr. Gayathri Devi, Dept. of Ps          | ychology –School Psychology Association Leadership Award                               |
|   | Dr. V.Vimala, Dept. of Commerce – Academia Excellence Award                            |
| Dr. R. Salomi, Dept. of Physica         | al Education - Outstanding Athlete Award   |
|   | Dr. M. Thilagu, Computer Science Engineering – Best Presentation Award                 |
| Ms.Ashish Kanwar, Dept. of To           | ourism – Women Icon Award  |
|   | Dr. K. Manimegalai, Dept. of Zoology - Outstanding Achievement Award                   |
| Dr. Sandhya Durga Prasad, De            | pt. of Tourism – Young Educator Award  |
|   | Dr. S. Shanthi, Dept. of Civil Engineering - Best Campus Amenities Award               |
| Dr. R. Karthiyayani,, Dept. of E        | Sotany - Best Environmentalist Award   |
|   | Dr. Sudarmani, Dr. Veera Vanitha & Ms. Chitra, Dept. of ECE – Elite and Silver Award   |
| Dr. M. K. Nisha, Dept. of Botar         | ny - Best Environmentalist Award   |
|   | Dr. R. Nithya, Dept. of Civil Engineering - Best Faculty Award                         |
| <b>Dr. V. Sasirekha,</b> Dept. of Phys  | ics - Best Women Faculty Award   |
|   | Dr. D. Jayanthi, Dept. of Mathematics - Young Achievers Award                          |
| <b>Dr. D. Sumitha,</b> Dept. of Science | e and Humanities - Best Women Faculty Award  |
|   | Dr. K. Arockia Maraichelvi, Dept. of Human Development - Best Senior Faculty Award     |
| r. P. Deivanai, Dr. D. Sumathi,         | and Dr. R. Radhai awarded by Youth Welfare and Sports Development - Best Programme Off |

## **Infrastructure Amenities and other Support Facilities**

| Student Teacher<br>Ratio   | ICT enabled Classrooms and Seminar Halls | Computers for<br>Academic Purposes | Student Computer<br>Ratio |
|----------------------------|--|------------------------------------|---------------------------|
| 15:1                       | 236                                      | 2078                               | 3: 1                      |
| Scholarships<br>/Freeships | Broadband Bandwidth                      | Student-Led Clubs                  | Support staff             |
| <b>3040</b>                | 1.19 Gbps                                | 13                                 | 237                       |

| Centralized Research Facilities | Domain-Specific<br>Labs | Automated<br>Libraries |
|---------------------------------|-------------------------|------------------------|
| 12                              | 211                     | 4                      |

## **Library Resources and Expenditure**

#### **Consolidated Resources**

| 213371 | 407      | 30446      | 487768  | 8         | 6         | 786                    |
|--------|----------|------------|---------|-----------|-----------|------------------------|
| Books  | Journals | e-journals | e-books | Databases | Softwares | Ph.D Thesis Shodhganga |

#### **Added for 2024-25**

Books Journals

1996 39

e-journals e-books

**14266 13074** 

Databases Softwares

Ph.D Thesis
Shodhganga

## Name of the Databases and Software

- 4 Databases
- DELNET
- EPWRF
- Indiastat
- Scopus
  - **3** Softwares
  - Knimbus
  - SPSS & AMOS
  - TRINKA

#### **Outlay**



12.895 Lakhs



111.95 Lakhs

## **Events hosted for other Institutions**



## **Self-hosted Events**

### **Workshops/ Training Programmes**

11

& Communication
Skills – 603
Beneficiaries

23

Life Skills Training benefiting 4267
Students

124

Awareness of Trends in Technology reaching 6925 students and Scholars 19

Research Methodology and IPR-related programmes reaching 1487 Scholars and PG students

### **Special/Guest Lectures, Meetings and Competitions**

91

Invited lectures
organised for students,
featuring eminent
resource persons as
speakers

**51** 

Meetings on national relevance and academic significance

**54** 

Competitions to showcase students' academic abilities and diverse talents

Annexure - 15

## **Research Projects**

Total Ongoing Sponsored Projects

Grant in Lakhs

Total Ongoing Seed-grant Projects

Grant in Lakhs

**Total Outlay** 

**20** 

464.87

**35** 

28.99

493.89

| Schools                           | Seed Money |        | Minor Research |        | Sponsored |        |
|-----------------------------------|------------|--------|----------------|--------|-----------|--------|
|                                   | Projects   |        | Seed grant     |        | Projects  |        |
|                                   | No         | Amt in | No.            | Amt in | No        | Amt in |
|                                   |            | Lakh   |                | Lakh   |           | Lakh   |
| Home Science                      | 2          | 1.00   | 3              | 2.99   | 9         | 145.63 |
| Physical & Computational Sciences | -          | -      | 8              | 8.00   | 3         | 78.6   |
| Biosciences                       | 2          | 1.00   | 6              | 6.00   | 2         | 39.44  |
| Arts & Social Sciences            | -          | -      | -              | -      | 4         | 177.75 |
| Commerce & Management             | 2          | 1.00   | 1              | 1.00   | 1         | 15.00  |
| Education                         | -          | -      | 1              | 1.00   | 1         | 8.95   |
| Engineering                       | 2          | 1.00   | 3              | 3.00   | -         | -      |
| Allied and Healthcare Sciences    | 4          | 2.00   | 1              | 1.00   | -         | -      |
| Total                             | 12         | 6.00   | 23             | 22.99  | 20        | 464.87 |

Annexure – 16

## **Patents and Copyrights**

The institute's continued commitment to advancing research is reflected in its achievements during the academic year 2024–2025, with 9 patents published and 4 patents granted. This contributes to a cumulative total of 75 published patents and 30 granted patents. Additionally, 8 copyrights were secured during the same period, bringing the overall number of copyrights acquired to 19.

#### Patents Published 2024-25

- A Process of Preparation of Biodegradable Film for Soil Amendments and Advancing Nutrient Management in Agriculture
- A Process of Preparation of Flavoured Anti-Obese Edible Food Wrappers and Product Thereof
- 3. A Process of Preparation of Silica-Rich Cherthala Sand-Based Janus Nano particles Product thereof
- Sustained Release Ciprofloxacin Floating Tablets for Drug Release Application and Process Thereof
- 5. A Process of Preparation of Coconut Inflorescence Crunch and Product Thereof
- 6. A Methodology for Detection and Mitigation of Intentional and Unintentional Insiders
- 7. Chia Mucilage-Based Biocompatible Tribo-Positive Material for Tribo-Electric Applications
- 8. Ergonomically Designed Basket for Women Tea Pluckers
- 9. Formulation and Evaluation of Probiotic Drink using Fermented Banana Pseudostem Water

#### Patents Granted 2024-25

- 1. Metallic and Non-Metallic Nano Particle Synthesis using Cereal and Pulse Washed Waste Water
- 2. A process of preparation of topical skin lotion and the product thereof
- 3. A process of preparation of Nano-onio insecticide exhibiting Antibacterial and insecticidal Activity and the product thereof
- 4. Process of preparation of Water Activated paper, Gummed tape, and product thereof

#### Copyrights 2024-25

- 1. Unlocking Sustainability- How Tetrad Innovation as a Catalyst for social enterprise sustainability
- 2. Sagaptham-Voicing the saga of legendary educationist Dr. T. Avinashilingam Chettiar
- 3. Technical Talents 4.0 and 5.0 Desideratum for Industry 6.0
- 4. Imposterism Inventory
- 5. Effect of investment on waste management and energy-efficient technology in attaining sustainability
- 6. Development of an Indian Dietary risk score tool (IDRST) for early diagnosis of gestational diabetes mellitus -A Cross-sectional study
- 7. Tamil Talescape
- 8. Behavioural Dynamics of Disaster Preparedness in Tourism Framework

# Linkages

**Active MoUs** 

102

International

10

**National** 

92

**Collaborations** 

48

Academic

28

Research & Innovation

**15** 

**Training** 

5

| Activities associated with Active MoUs | Number |  |  |
|--|--------|--|--|
| Training Certification                 | 13     |  |  |
| Collaborative Research                 | 9      |  |  |
| Extension Activity                     | 1      |  |  |
| Strategic Partnership                  | 3      |  |  |
| Professional Certification             | 35     |  |  |
| Internships                            | 16     |  |  |
| Product Development                    | 7      |  |  |
| Exchange Programme                     | 6      |  |  |
| Skill Development                      | 5      |  |  |
| Industry Linkage                       | 3      |  |  |
| Awareness Programme                    | 4      |  |  |

## **National and Cultural Commemorations - Glimpses**



International Yoga Day -21.06.2024



Independence Day - 15.08.2024



World Literacy Day - 08.09.2024



Gandhi Jayanthi – 02.10.2024



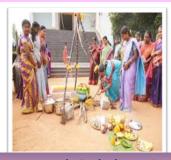
NSS Day 10.10.2024



Children's Day – 13.11.2024



Christmas
Celebration 20.12.24



Pongal Celebration - 08.01.2025



Republic Day 26.01.2025



Sarvodaya Day - 30.01.2025



Mathrubhasha Diwas 21.02.2025



International Women's Day 08.03.2025

## **Academic and Professional Events**



International Yoga Day -21.06.2024



NSS Day 10.10.2023



Bharathiar Day 11.12.2024



Research Convention 18.12.24



Good Governance Day 25.12.2024



Dietetics Day - 10.01.2025



National Science Day 25.02.2025



CSI Day – 11.03.2025



Launch of the Centre for Continuing Education 05.05.2025



### **Institutional Festivities and Events - Glimpses**



Kalaivizha 3.10.24



Avegha 24.2.25



Sports Day 12.3.25



Lighting Ceremony 28.3.25



Election 17.03.25



Thanksgiving Day 22.3.25



**Bharathiar Memorial** Day 11.09.2024



Student Induction -21.06.2024

### **Remembrance Events - Glimpses**



Ayya Avargal's 33rd Memorial Day 21.11.24

Amma Avargal Memorial Day 17.03.25





Amma Avargal's Oration & B'day 07.04.2025

Ayya Avargal's Birthday 05.05.2025



## Media Coverage and Report Highlights

Friday, June 14, 2024

#### Tamil Nadu InFocus

## A satyagrahi who funded the education of countless women in the Kongu region

T.S. Avinashilingam, who was born in 1903, established an orphanage in Coimbatore after gaining a law degree in 1924. As the Education Minister of the Madras Presidency, he advocated Tamil as the medium in secondary education. He initiated a scheme aimed at holistic development rather than turning out derks and subordinates

n 1957, my grandmother, one of the first women in Coimbatore to go beyond schooling, was surprised to see the word, 'paid', on her semester fee slip when she was planning to drop out owing to financial constraints. Much later, after she had joined the college as a faculty member, she discovered the identity of her anonymous. benefactor - T. S. Avinashilingam Chettiar - who funded the education of countless women in the Kongu region," recalls Selva Priya, a third-generation student at the Avinashilingam Institute for Home Science and Higher Education for Women, a deemed-to-be university.

Avinashilingam was born in 1903 into an affluent family in Tiruppur in the composite Coimbatore district. He spent his formative years under his uncle, T.A. Ramalingam Chettiar, an influential figure in the Coimbatore municipality and later a Lok Sabha member.

After gaining a law degree in 1924, Avinashilingam embarked on philanthropy b establishing an orphanage in Coimbatore. It was the first of its kind in the Madras Presidency as it accepted 'Harijan' children, overcoming objections from traditional quarters.

However, his advocacy for social equality earned him a peculiar epithet by his mid-20s the 'Professional Beggar'. But he wore this title with pride as Mahatma Gandhi and Pandit Madan Mohan Malaviva did before him. considering the act of soliciting public donations for the uplift of the poor as a noble pursuit.

In 1926, Avinashilingam's life transformed when he met the Mahatma as he toured Tamil Nadu to gather support for the Civil Disobedience Movement. Avinashilingam asked Gandhi if Khadi could compete with mill goods in the long run. Candhi's profound response left a lasting impression: "Just as the great temples of Tamil Nadu prospered not on economic principles but on the faith and devotion of people, so will the Khadi industry, providing millions with employment." An inspired Avinashilingam decided to relinquish law and join the



John of Raiai Hallon, January 6, 1958. The Tamil Valarrhi Kalazam ruhlished the encurlopedia. THE HARLI JOHNUS

through the ranks quickly, becoming the president of the District Congress Committee Soon, Avinashilingam, alongside lifelong comrades C.P. Subbiah and K. Subramaniam, spearheaded a procession at Coimbatore's famous Valankulam tank, a symbolic act of resistance to the British salt law. Avinashilingan found himself incarcerated, and shuttled between the Coimbatore and Vellore prisons for

#### Solitary confinement

His prison term was exacerbated by solitary confinement in a cramped chamber. His existence was reduced to a struggle for survival, with only a not for sanitary needs. "I am surprised I did not turn blind after living in darkness days on end," the Padma Bhushan awardee wrote later in his autobiography. The Socred Touch, During his subsequent imprisonment in the Madurai and Cuddalore prisons, Avinashilingam met K. Santhanam, who

would later become the Minister for Railways. In the desolate confines of the Cuddalore iail. Avinashilingam was haunted by the agonising cries of fellow prisoners en route to their execution. Yet, amid the darkness, he and his fellow inmates found solace in the timeless verses of Tamil literature. To drown out the cries. prisoners would sing the evocative verses of Subramania Bharathiar's song: "Yaam arindha mozhigalile thamizh mozhi pol....lnidhaavadhu ngum kaunom." He translated academic texts into Tamil and religious Tamil verses into English during his time in prison. After his release from prison, during Gandhi's visit to the Madras residency in 1984, Avinashilingam orchestrated a week-long campaign in the State. "Here, amidst conversations with 'Harijans' pleading for temple access, Gandhi, with Avinashilingam's help, conducted several informal meetings to address ssues of the locals," says S. Padmanabhan, a Truppur-based historian.

"During one such visit, a harrowing incident unfolded near the Podanur junction level

and Gandhi collided with a traffic signal. Miraculously, no harm befell either of them," he

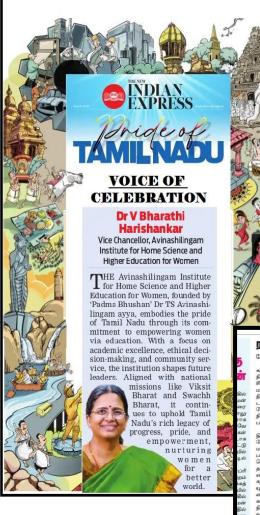
As India's independence neared in 1947, he ecame actively involved in meetings at Oueen Mary's College (OMC), Madras, coinciding with is election to the Legislative Assembly in 1946. Intil 1949, Avinashilingam served as the first Education Minister of the Madras Presidency in ndependent India. During the tenures of Premiers Tanguturi Prakasam and O.P. Ramaswamy Reddivar, he advocated Tamil as the nedium of instruction in secondary education. He initiated the Educational Reorganisation Scheme aimed at holistic development rather. than turning out clerks and subordinates.

#### Push for higher education

In 1946, as India transitioned to self-governance it possessed a surplus of foreign exchange acquired from loans to England and America luring the Second World War. To harness this surplus for national development, a segment was allocated for sending deserving youth abroad for higher education, with the aim of facilitating their Avinashilingam, tasked with selecting a candidate from Madras, chose Raiammal P. Devadas, a student of OMC. She studied at Ohio State University and was eventually appointed Chief Home Economist for the Government of India

Avinashilingam also founded the Tamil Valarchi Kalagam, As the Education Minister, he proposed a 10-part Tamil encyclopedia project, costing (18 lakh. However, due to financial straints, the plan was rejected. He solicited public contributions and obtained 25 lakh from the State government. He also personally contributed. From 1954 to 1968, the Tamil and publishing the first Tamil encyclopedia.

Today Coimbatore's ascension as an educational hub serves as a testament to Avinashilingam's foresight during the 1947 when the history of this province's education is written, these years will be considered as those of old ventures, transcending time itself."







கம் கல்வி அறக்கட்டளை திறுவனங்கள், அவினா மற்றும் மகளிர் உயர்கல்வி நி*றுவனக்*கில் பத்மமூ ராஜம்மால் தேவதாஸின் 23ம் ஆண்டு நினைவுநாள் அனுசரிக்கப்

இதில் பல்கலைக்கழகத் வளர்ச்சி மற் றும் மேம்பாட்டில் ராஜம் மான் தேவதாஸ் முக்கிய பங்கு வகித்தார். அவரது தொலை நோக்குத் தலைமை அந்த நிறுவ னக்கை வரு புகழ்பெற்ற யுள்ளது என தெரிவித்த அவினாசிவிங்கம் \_அறக்கட்டளை amaia/rejevaje பல்கலைக்கழகத்தின்

சுந்தரம் விழாவிற்கு தலை மை தாங்கினார். போது அவர், "கல்வி மூலம் அளிப்பதில் நிறுவனத்தின் பாரம்பரியக்கையும் அதன் அசைக்க முடியாத அர்ப்பணிப்பையும் குறித்து பேசினார். தொடர்ந்து கல்லாரி கல்வி இயக்கக

வாணி கல்வியியல் கல்

கல்விக்க டாக்டர் தேவதாலின் முன்னோடி

றுத்தி பேசினார். இந்நிகுழ்வில், டாக்டர் கௌரி ராமகிருஷ் ணன் வாழ்க்கிப் பேசி னார். குணைவேக்கர் டாக் வாழ்த்துக்களைத் தெரிவித்து, நிறுவனத்தின்

ஆகியோர் அளவுகோல்கள் நிறுவ தலைமுறைகள இருக்கின்றன என்று முன்னதாக, ம பாக்பர் எஸ். \_வம்சுர வாவேற்பரை இணைப் டாக்டர் நன்றி கூறினார்

## Media Coverage and Report Highlights

#### Avinashilingam University faculty and student win best NSS officer and student award

COIMBATORE, FEB 25:

Faculty members and an NSS student volunteer Avinashilingam Institute for Home Science and Higher Education for Women have been honored with the Tamil Nadu State National Service Scheme (NSS) Best Programme Officer and Volunteer Awards for their outstanding contributions to community service.

Best NSS Programme Officer Awardees: Dr. P Deivanai (2015-16), Dr. D Sumathi (2016-17), Dr. R Radha (2017-18). Best NSS Volunteer Award: A Saranya.



programme engaged officers student service and welfare initiatives and volunteers of Avinashilingam in 26 adopted villages in University have been actively and around Coimbatore.

Their work includes raising awareness on health, nutrition, environment, and

The awards, presented annually, recognise the efforts of NSS Programme Officers, Volunteers, and Coordinators across Tamil Nadu. The of College Education, A Sundaravalli, presented the awards at a ceremony held on February

recognition highlights Avinashilingam University's commitment to social responsibility and the impactful role of its faculty and students in community development.

community





#### அவினாசிலிங்கம் உயர்கல்வி நிறுவனத்தில் விளக்கு விழா

கோவை, மார்ச் 29: கோவை அவி னாசிலிங்கம் மனையியல் மற்றும் மகளிர் உயர்கல்வி நிறுவனத்தில் விளக்கு விழா வெள்ளிக்கிழமை கொண்டாடப்பட்டது.

விழாவில் அவினாசிலிங்கம் கல்வி அறக்கட்டளை நிறுவனங் களின் நிர்வாக அறங்காவலர் மற் றும் வேந்தர் தி.ச.க.மீனாட்சி சுந் தரம் தலைமை வகித்துப் பேசுகை

இந்நி றுவனத்தில் கல்வி பயின்று செல்லும் மாணவிகள் தங்களது கடமையை செவ்வனே செய்ய வேண்டும். எண்ணங்களை உயர் வாகக்கொண்டு விடாமுயற்சி யோடு உழைத்தால் எதையும் எதிர்க்கொண்டு வெற்றி பெறலாம்

இந்நிகழ்ச்சியில் சிறப்பு விருந்தி னராக சென்னை தமிழ்நாடு அரசு இசைக் கல்லூரியின் முன்னாள் பக்கல்வி, ஆசிரியர் பயிற்சிக் கல்வி முகல்வர் கிரிஜா ராமசாமி, காய் மற்றும் முனைவர் பட்ட மாணவி



விளக்கு விழாவில் பேசிய தமிழ்நாடு அரசு இசைக் கல்லூரி முன்னாள் முதல்வர் கிரிஜா ராமசாமி.

விளக்கேற்றி தொடங்கிவைத்தார். இதைத் தொடர்ந்து இளநிலை மற்றும் முதுநிலை பிரிவு இறுதி யாண்டு மாணவிகள், தொழில் நுட்

கள் 2,213 பேர் விளக்கேற்றினர். முன்னதாக கலை மற்றும் சமூக அறிவியல் பள்ளியின் முதல்வர் ஷோபனா கொக்கடன் வரவேற் றார், உதவிப் பேராசிரியர் எஸ்.குரு ஞானாம்பிகா நன்றி கூறினார்.

## **Media Coverage and Report Highlights**

# **Avinashilingam University sets world record in community servive**



he National Service Scheme (NSS) of Avinashilingam University set a world record by completing 100 different community outreach activities in just 12 hours. This initiative, titled '100 Acts, One Mission - Unite, Serve, Inspire', was achieved with the participation of 2,000 NSS volunteers, making an impact on rural communities. This has been officially recognised and registered in the Elite World Records, United States of America.

உலக சாதனை தேசியக் கொ



கோவை அவினாசிலிங்கம் மனையியல் உயா் கல்வி நிறுவனத்தின் பொறியியல் புலன் சாா்ந்த அச்சிடும் தொழில்நுட்பத் துறை, திருப்பூர் மாஸ்டர் பிரிண்டர்ஸ் அசோசியேஷன், அகில இந்திய மாஸ்டர் பிரிண்டர்ஸ் கூட்டமைப்பு சார்பில் ஸ்கிரீன் பிரிண்டிங் முறையில் 216 சதுர அடி பரப்பளவிலான இந்திய தேசியக் கொடியை வடிவமைத்தனர். இது கலாம் உலக சாதனை நிறுவனத்தால் அங்கீகரிக்கப்பட்டுள்ளது.

# 'மனதை கட்டுப்படுத்தாமல் மகத்தான மனிதராக முடியாது'

கோவை அவினாசிலிங் கம் கல்வி அறக்கட்டளை நிறுவனர் அவினாசிலிங் கத்தின், 122வது பிறந்த தின் விழா, பல்கலை வளா கத்தில் நேற்று நடந்தது. விழாவில், மகாராஷ் 4ரா கவர்னர் ராதாகிருஷ் னன் பேசியதாவது:

அடுப்பூதும் படிப்பெதற்கு என்று, பெண் கல்வி மறுக் கப்பட்ட காலக்கில் பெண் ுல்விக்காக, சாரதால் யத்தை நிறுவி கல்வி வழங் கியல் இயவர் அவினாசிலிங்கம். அரசியலை அறமாகப் பார்த்தவர். ஆன்மிகத்தோடு ஆம் கல்வியை வழங்கி



அவினாசிலிங்கம் அவினாசிலிங்கம் அறக்கட்டளை நிறுவனர் அவினாசிலிங்கத்தின். 122வது பிறந்த தின விழாவில் மகாராஷ்டிரா கவர்னர் ராதாகிருஷ்ணன் பேசினார்.

இன்று பெண்கள் பல்

வியாகவும், பண்பாட்டு பங்களை எதிர்கொள்ளும் கல்வியாகவும் அமைய தன்னம்பிக்கை பிறக்கும். வேண்டும். தனிமனித ஒழுக்கத்தை கடைபிடித் வேறு துறைகளில் சாதித்து

டுமே வெற்றி அடைவர். இவ்வாறு.

முன்னதாக, பல்கலை யின் துணைவேந்தர் பாரதி ஹரிசங்கர் வரவேற்றார். வேந்தர் மீனாட்சி சுந்தரம் தலைமை வகித்தார்.

வருகின்றனர். மனதை கட்

டுப்படுத்தாமல், மகத்தான

மனிதராக முடியாது. எடுத்

துக்கொண்ட செயலை முழு

மையாக முடிப்பவர்கள் மட்

ஸ்ரீ அவினாசிலிங்கம் அறக்கட்டளை னார். கல்வி நன்னெறி கல் தால், வாழ்வின் பல துன் நிறுவனங்களின் வாழ்நாள் அறங்காவலர் குழந்கை வேல், பல்கலை பதிவா ளர் இந்து உள்ளிட்ட பலர்

## The Year Ahead

With reflection comes growth; with vision, transformation. Rooted in our values, the journey continues - stronger, wiser, and forward-focused



## Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category A by MHRD (now MoE)
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