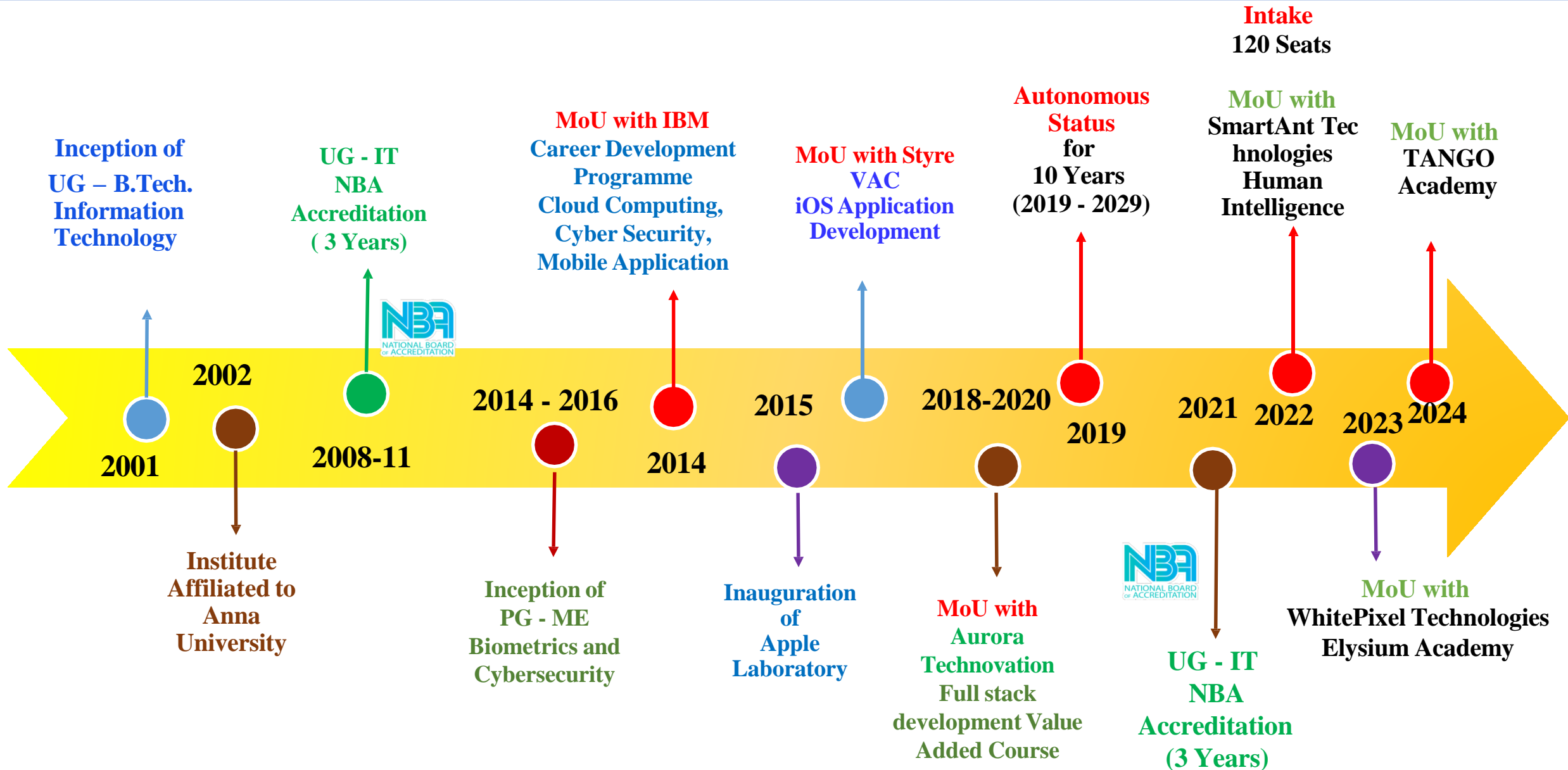


# DEPARTMENT OF INFORMATION TECHNOLOGY

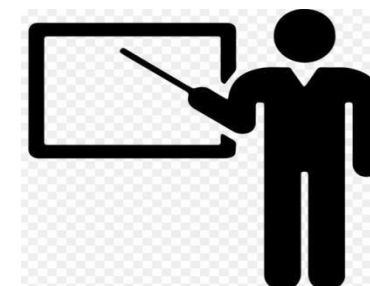


## Faculty Achievements

# Evolution of Department of Information Technology



# STUDENT FACULTY RATIO 2025-2026



## 2025-2026

No. of Professors	1
No. of Associate Professors	2
No. of Assistant Professors	16
No. of Supervisors / Ph.D. holders in the department	1/4
No. of Faculty doing Ph.D.	11

Student Strength - 350

Faculty Strength - 19

## 2024-2025

No. of Professors	1
No. of Associate Professors	2
No. of Assistant Professors	13
No. of Supervisors / Ph.D. holders in the department	1/5
No. of Faculty doing Ph.D.	7

Current Student Strength -304

Faculty Strength - 16

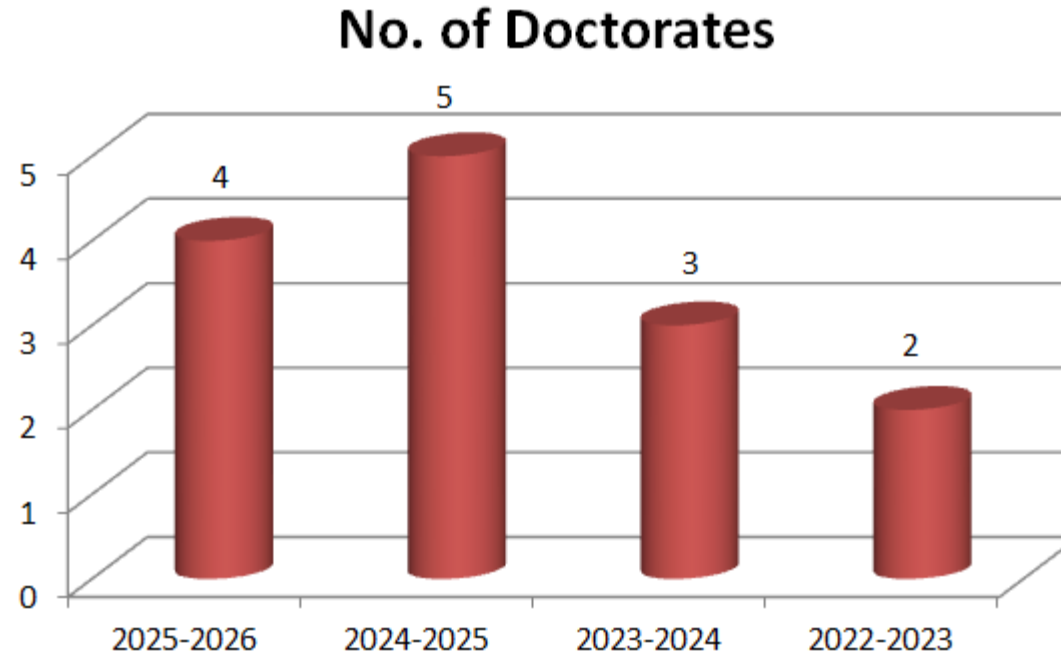
## 2023-2024

No. of Professors	1
No. of Associate Professors	1
No. of Assistant Professors	9
No. of Supervisors / Ph.D. holders in the department	1/3
No. of Faculty doing Ph.D.	3

Student Strength - 252

Faculty Strength - 11

# FACULTY RESEARCH DETAILS



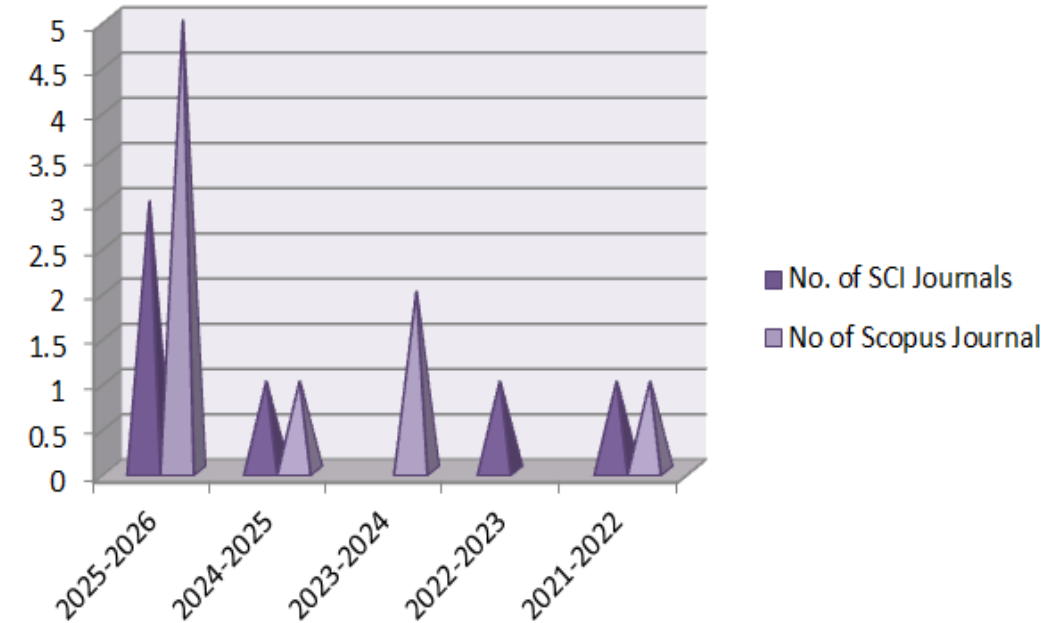
**Ph.D  
Supervisor 1**

**Ph.D  
Pursuing 11**

**Ph.D  
Awarded 4**

# FACULTY PUBLICATIONS

S.No	Year	No. of SCI Journals	No. of Scopus Indexed Journals	Total
1	2025-2026	3	5	5
2	2024-2025	1	1	2
3	2023-2024	-	2	2
4	2022-2023	1	-	1
5	2021-2022	1	1	1



# Research Paper Published 2025-2026

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No. Issue No., ISSN., Month & Year
1	Dr. E. VAKAIMALAR	AN ENHANCED EDGE PRESERVING TECHNIQUE FOR MULTIFOCUS IMAGE FUSION	Journal of Theoretical and Applied Information Technology	103, 21, 2584-2854 , 09-2025
2	R. ARTHY	Optimized auxiliary classifier Wasserstein generative adversarial network fostered skin cancer classification from dermoscopic images	Scientific Reports	15,1, 2045-2322 , 11-2025
		Deep learning for solar PV fault classification using RGB imaging and comparison of preprocessing techniques	Solar Energy	12-2025
3	Dr. E. VAKAIMALAR Ms.V.Deepapriya	An Enhanced Edge Preserving Techniques for Multifocus Image Fusion.	Journal of Theoretical and Applied Information Technology	21,9006,11-2025
4	Mrs.V.Gayathri	Severity level prediction of diabetic retinopathy and diabetic macular edema using deep and transfer learning approaches from fundus images	International Journal of Diabetes in Developing Countries	<a href="https://doi.org/10.1007/s13410-025-01565-z">https://doi.org/10.1007/s13410-025-01565-z</a> , September 2025

# Research Paper Published 2024-2025

<b>Sl No</b>	<b>Faculty Name</b>	<b>Title of the Paper</b>	<b>Name of the Journal</b>	<b>Vol.No. Issue No., Page No., Month &amp; Year</b>
1	Dr. R. Arthy, Deepa Priya V, Priyadharshini P	Skin Disease Classification and Detection using Deep Learning	Frontiers in Health Informatics	Vol. 13, 2676-7104, Dec 2025
2	Deepa Priya V	Blockchain With Hierarchical Auto-Associative Polynomial Convolutional Neural Network Fostered Cryptography for Securing Image	Transactions on Emerging Telecommunications Technologies	Volume 35, Issue 2161-3915, Nov 2024

# Research Paper Published 2023-24

Sl No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No. Issue No., Page No., Month & Year
1	Dr. R. Arthy	Retailers Buying Behaviour Towards Edible Oil- An Empirical Study	Journal of Research Administration	1539-1590 Vol. 6 No.1(2024)
2	Dr.R.Aghila	AI based Secure Analytics of Clinical Data in Cloud\ Environment:Towards Smart Cities and Healthcare	Journal of Advances in Information Technology	Volume 14,Issue 5,PP:1132-1142.2023

# Research Paper Published 2022-2023

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Mo nth & Year
1	Mr.D.Vendhan	Bipolar Fuzzy PROMETHEE- based Decision –Making Trust Model for Guaranteeing data dissemination reliablity in Internet of Things	International Journal of Communication System	ISSN -1099- 1131,2022

# Research Paper Published 2021-2022

SI No	Faculty Name	Title of the Paper	Name of the Journal	Vol.No.Issue No., Page No., Month & Year
1	Mrs.D.Kayathri Devi	Context adaptive ensemble classification mechanism with multi-criteria decision making for network intrusion detection	concurrency computation practice and experience	Volume34, Issue21

# RESEARCH PROPOSALS - GRANTED



Dr. R.Arthy,ASP/IT

## KAMARAJ SEED MONEY GRANT 2025- 2026



Ms..V.Deepa Priya , AP/IT

**“Automated Infrared Thermal Imaging (IRTI): A Potential Instrument for Prompt Diabetic Foot Complication Early Identification and Management via Deep Learning Techniques”,  
Rs.5,00,000/-**

# CONSULTANCY PROJECT



Dr. R.Arthy,ASP/IT



Ms.V.Deepa Priya , AP/IT

**“AI Agent – Message Builder” for T-Square Cloud, Karaikudi, valued at Rs.1,20,000, showcasing the department's expertise in AI-driven industry solutions.**

# PATENT PUBLISHED



Dr.E.Vakaimalar , ASP/IT



Dr.R.Arthy ASP/IT



Mr.C.Raj Kannan AP/IT



Mr.G.H.Ram Ganesh,AP/IT



Ms.P.MahalakshmiAP/IT



Dr. .S.Akila Rajini, AP/IT

“MECHANIC BOOKING PLATFORM FOR QUICK VEHICLE REPAIRS”, on August 2025



Ms.V.Gayathri, AP/IT



# PATENT PUBLISHED



Dr.R.Arthy ASP/IT



Ms..V.Deepa Priya , AP/IT



Dr.R.Muthuselvi,Professor/IT



Mr.J.Ponnu Durai, AP/IT



Ms.G.Nivetha, AP/IT



“An Innovative Wearable Technology Transforming Communication for Sign Language Users by Real-Time Gesture Recognition and Speech Translation”, July 2025



Mr.C.Raj Kannan AP/IT

# PATENT GRANTED



Dr.E.Vakaimalar , ASP/IT



Dr.R.Arthy ASP/IT



Dr.R.Muthuselvi,Professor/IT



Ms..V.Deepa Priya , AP/IT



Mr.C.Raj Kannan AP/IT



Mr.J.Ponnu Durai, AP/IT

“CRYPTOGRAPHIC BASED DEVICE FOR SECURE DIGITAL TRANSACTIONS”,September 2025

# SPONSORED FDP BY TNSCST



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Ms.P.MahalakshmiAP/IT



Mrs.S..Gayathri,AP/IT

# BOOK & BOOK CHAPTERS PUBLISHED



**“Fog Computing - Extending Cloud to the Edge” ISBN No-9781003608653, April 2026.**



**“GAN-BAI in Cloud Computing-Scientific International Publishing House, ISBN: 978-93-7196-999-4**



# BOOK & BOOK CHAPTERS PUBLISHED



**“Integrating AI Into PET/CT and PET/MRI: A Paradigm Shift in Hybrid Imaging” ISBN-9798337312750**



**Still Continues !!!!!!!**