

## Research Insights @ RUAS

Office of Research and Innovation



September 2025  
Issue 5

PATENTS					
JAN-MAY		JUNE	JULY	AUG	SEP
Filed	12	1	-	2	2
Published	1	-	-	-	-
Granted	6	2	2	1	1
*Courtesy: OMS patents database					

PUBLICATIONS					
	JAN-MAY	JUNE	JULY	AUG	SEP
Scopus	177	11	29	59	31
WOS	48	3	11	30	8
UGC-Care	87	33	59	35	22
Total	659	67	99	67	71
Google Scholar	150	67	86	95	58
Citations	29256	33936	34060	38473	39243
h-index	59	64	65	68	68
* Researgence 2.0 reports					

EXTRA-MURAL GRANTS														
Faculty	Jan-Mar	In Lakhs	April	In Lakhs	May	In Lakhs	June	In Lakhs	July	In Lakhs	Aug	In Lakhs	Sep	In Lakhs
FDS	5	380.78	1	48.25	1	31.61	2	230.0	-	-	2	59.6	-	-
FLAHS	2	101	1	46.61	2	25.63	2	25.6	4	71.5	-	-	2	200.0
FNS	1	49.5	-	-	1	285.51	1	100.0	1	0.3	1	79.1	-	-
RCPT	3	212.61	-	-	-	-	-	-	-	-	-	-	-	-
ORI	5	272	1	100.00	1	229.64	-	-	-	-	-	-	-	-
RMC	7	236.89	-	-	3	14.95	-	-	-	-	-	-	-	-
ALC	1	10.00	-	-	-	-	-	-	-	-	-	-	-	-
FPH	2	69.09	-	-	-	-	-	-	-	-	-	-	-	-
FHMC T	2	28.97	-	-	-	-	-	-	-	-	-	-	-	-
SSS	-	-	-	-	2	42.27	1	207.0	3	294.1	-	-	-	-
FET	1	127.98	2	10	2	207.00	3	46.9	2	248.1	1	140.0	-	-
FMC	-	-	1	21.27	2	24.22	-	-	-	-	-	-	1	80.0
Total	29	1488.82	6	226.13	14	860.83	9	441.8	10	616.0	4	278.7	3	280.0



## YTD at a Glance

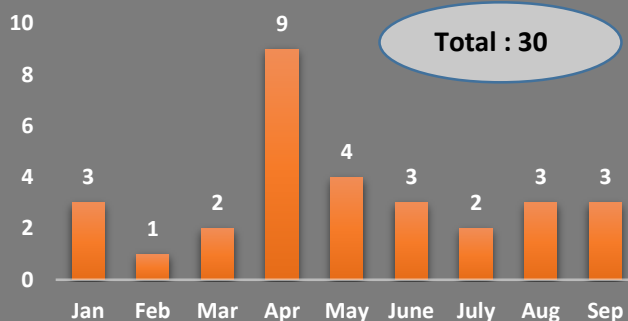


 *Patents Granted*

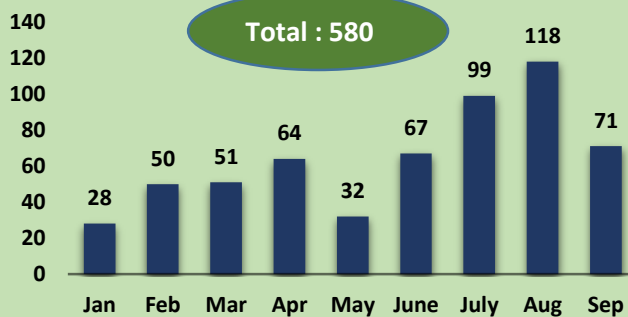
 *Publications*

 *Grants Applied*

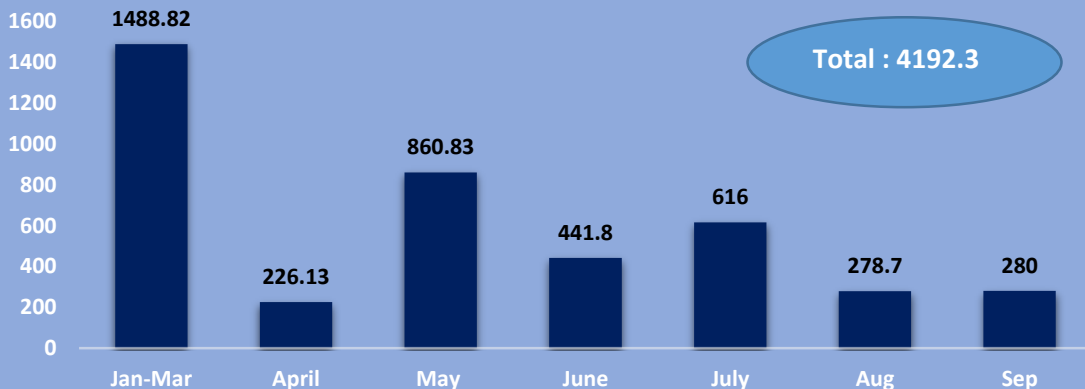
### TOTAL PATENTS - 2025



### TOTAL PUBLICATIONS - 2025



### EXTRA-MURAL GRANTS APPLIED (In Lakhs) - 2025



## HIGHLIGHTS & EVENTS

### YUVAA 2025 – Empowering Students with Life Skills

The Rotaract Club of RUAS and NSS RUAS, in association with the Centre for Professional Development (CPD), organized a two-day Life Skill Workshop – YUVAA on 3rd and 4th September 2025 at Gurukula, Faculty of Dental Sciences (FDS), RUAS. Building on the success of OJASVI, this student-focused initiative aimed to enhance self-awareness, communication, and emotional intelligence. Conducted by NIMHANS-certified CPD trainers, the workshop saw enthusiastic participation from 40+ students across faculties. Interactive sessions such as *Goal Mall*, *Feeling Emo*, and *Challenge Exchange* encouraged personal growth, emotional balance, and teamwork. The event concluded with a valedictory address by Dr. Srivatsa H. S., Dean – CPD, inspiring students to apply the skills in their academic and personal journeys.




### Search Conference on Semiconductor Education – A Step Toward Innovation

The Search Conference on “Semiconductor Education: Curriculum, Industry, and Innovation” was held on 24th September 2025 at the RTC Board Room, RUAS, bringing together leading experts from academia and industry. Eminent panelists — Mr. Vikas Dabeer (Applied Materials), Mr. Jayachandra Aradhya M S (Silicon Micro Systems), Dr. S. Angappane (CeNS), and Dr. P. Raghothama Rao (DRDO) — shared key insights on building a holistic semiconductor ecosystem, fostering industry partnerships, and promoting

innovation from *idea to product*. The discussions will play a pivotal role in shaping the proposed B.Tech in Semiconductor Technology at RUAS. The event concluded with gratitude to the Hon’ble Chancellor, Vice Chancellor, Provost, Dean–RTC, and all contributors for making the conference a resounding success.


### Dr. N. S. Murthy Oration & Annual Research Day 2025

The Division of Research & Patents (DRP), Ramaiah Medical College successfully organized the Dr. N. S. Murthy Oration & Annual Research Day 2025 on 24th September 2025 at the Council Hall, RMC. The event celebrated the outstanding research achievements of faculty and students, featuring the Dr. N. S. Murthy Oration delivered by Prof. B. S. Daya Sagar, an eminent research personality. His inspiring address highlighted the importance of innovation and collaboration in advancing medical research. The celebration witnessed enthusiastic participation and served as a platform to recognize and honor the vibrant research culture at Ramaiah Medical College.



**RAMAIAH**  
 Medical College

A Constituent College,  
 Ramaiah University  
 of Applied Sciences



**Division of Research and Patents**  
**Ramaiah Medical College**

Cordially invites you to the

**Dr. N S Murthy Oration**  
**Research Day - 2025**

**September**  
 24th, 2025

**Wednesday**  
 2.00 p.m. to 4.30 p.m.

**Dr. Shalini C Nooyi**  
 Principal & Dean  
 Ramaiah Medical College

**Dr. Nandakumar B S**  
 Head - DRP,  
 Ramaiah Medical College

02:15 – 02:30 PM	Inauguration	
02:30 – 02:40 PM	Welcome Address	Dr. Shalini C Nooyi, Principal & Dean, RMC
02:40 – 02:50 PM	DRP Report 2024-25	Team DRP
02:50 – 02:55 PM	UG Presentation	Ms. Sanjana Sankarayogi, Final year MBBS student
02:55 – 03:00 PM	PG Presentation	Dr. Pranav Prabhu, JR Ophthalmology
03:00 – 03:50 PM	Dr. N S Murthy Oration	Prof. B S Daya Sagar Indian Statistical Institute (ISI)
03:50 – 04:00 PM	Felicitation of the Chief Guest	All Dignitaries
04:00 – 04:20 PM	Awards & Certificate Presentations	All Dignitaries
04:20 PM	Vote of Thanks	Dr. Thanuja G P, Associate Professor, Ophthalmology
High Tea		

Team DRP: Dr. Nandakumar BS, Dr. Thanuja GP, Dr. Sangetha Shree, Dr. Ratna Rajagopalan, Dr. Lishika Lavanya, Dr. Monika V, Mr. Praveen Kumar V

**Venue:** Council Hall, Ramaiah Medical College



## HIGHLIGHTS & EVENTS

### Rotaract RUAS Shines at National Symposium

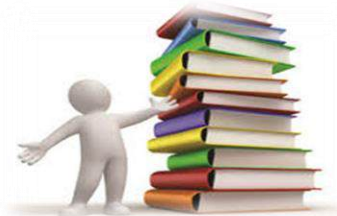
The Rotaract Club of RUAS participated in the *2nd International Symposium on Student Life 2.0* held on 26th September 2025 at GITAM (Deemed to be University), Bengaluru. Representing RUAS, Rtr. Srija Bharguvansh (B.Pharm) and Rtr. Harshitha Vibha (MBA) presented the community service project “Chandana Vana” in the *Students & Social Impact* category. The initiative was highly appreciated, earning the Runner-up Award and Cash Prize for Best Poster Presentation among 100+ entries.



### Pharmatopia 2025 – Celebrating World Pharmacist Day

The Faculty of Pharmacy, RUAS, in collaboration with IIC, NSS, and Rotaract RUAS, celebrated World Pharmacist Day 2025 under the global theme “*Think Health, Think Pharmacist*” through Pharmatopia 2025 on 25th September 2025. The event witnessed 250+ registrations from 89+ colleges across 25+ universities spanning 11 states and 2 union territories, featuring seven competitions including E-Poster, Quiz, Elocution, and Short Film Making. Keynote sessions by Dr. S. Bharath, Dean-FPH, and Dr. Shrinivasan S., Distinguished Pharmacist, inspired students to embrace innovation and leadership in healthcare. The celebration also featured a felicitation ceremony honouring non-teaching staff for their dedicated service and concluded with a rally and oath ceremony promoting ethical practice and community health awareness.





## PUBLICATIONS

### ENERGY STORAGE

RESEARCH ARTICLE

#### Performance Assessment of Serpentine and L-Shaped Cold Plate Battery Thermal Management for Cylindrical Lithium-Ion Battery Module

Pritam Bhat, Mahesh K. Varpe

First published: 21 August 2025 | <https://doi.org/10.1002/est.70239> | Citations: 1

**Funding:** The authors received no specific funding for this work.

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#### Thermal impact of PCM thickness on a cylindrical Li-ion cell

Published: 13 September 2025

(2025) [Cite this article](#)

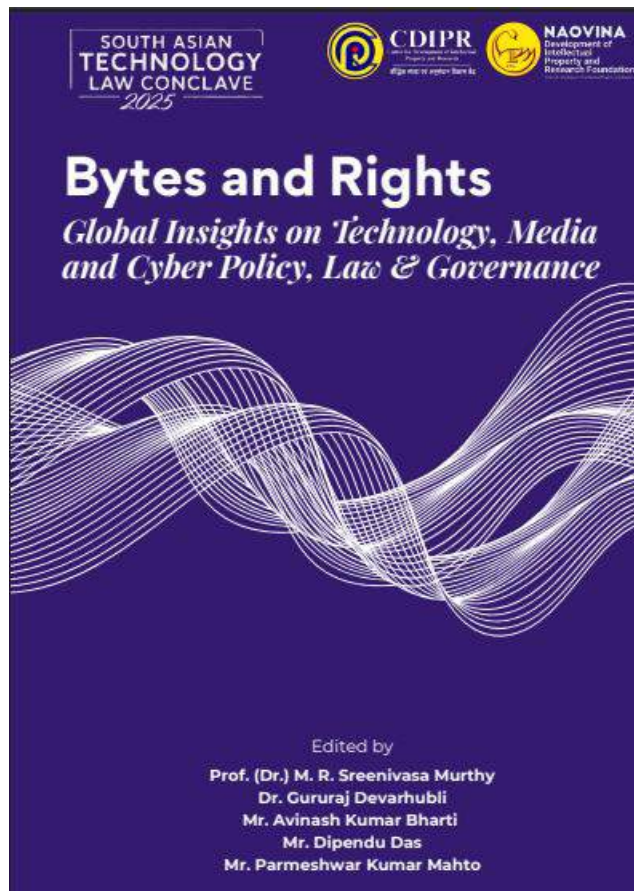
Pritam Bhat & Mahesh K. Varpe

We are delighted to share that **Mr. Pritam Bhat**, PhD scholar under the guidance of Dr. M. K. Varpe, has published two research papers in reputed journals:

- Energy Storage* (IF: 4.0): “Performance Assessment of Serpentine and L-Shaped Cold Plate Battery Thermal Management for Cylindrical Lithium-Ion Battery Module.”

- Journal of Thermal Analysis and Calorimetry* (IF: 3.2): “Thermal Impact of PCM Thickness on a Cylindrical Li-ion Cell.”

Mr. Bhat’s PhD work includes 3 international journal publications, 1 international conference paper, and 1 book chapter (Taylor & Francis) — all achieved without publication charges (APC).



We are delighted to share that **Ms. Tasnim Jahan** has contributed a chapter to the international edited volume “*Bytes and Rights: Global Insights on Technology, Media and Cyber Policy, Law & Governance*”, published by the Digital Repository for Indian Scholarly Texts & Information (DRISTI) (ISBN: 978-81-984132-8-4). Released across 13 nations, the volume compiles research and policy insights from the 1st South Asian Technology Law Conclave 2025, exploring the dynamic intersections of technology, media, law, and governance.

