

When walking through the forest, the lion stops.  
He looks back. He looks forward.  
Then continues on his journey.

# Newsletter

## February 2023

### Welcome to the IAVM Newsletter!

Warmest thoughts and best wishes for a Happy 2023! With this Newsletter we bring you a snapshot of our 2022 activities. You can find further information, together with videos and reports, on our [website](http://www.instavm.org) at [www.instavm.org](http://www.instavm.org).

2022 was a busy year for IAVM. We expanded our reach and executed a bunch of old and new projects which give testament to growing interest and engagement in VM. These include two international conferences, a series of webinars, online live courses for undergraduates and teachers, and the second VM Olympiad. We would like to express our heartfelt thanks for your continued support and encouragement.

If you are working with Vedic Maths, such as in research, promoting, teaching or just learning and have a story to tell, we would love to hear from you. You can easily get in touch by email at [instituteavm@gmail.com](mailto:instituteavm@gmail.com).

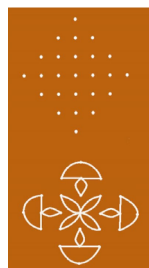
James Glover - Editor

## Highlights and Projects of 2022

### Kolam - A Ritualistic Mathematical Art Form

Over a weekend last January we ran four hands-on workshops on Kolam.

Throughout centuries, Tamil women have practised this ritualistic art form involving patterns drawn on thresholds of homes.

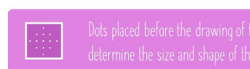


#### PULLI KOLAM



The patterns express mathematical concepts such as skip counting, number shapes and symmetry.

Participants were able to explore the overlaps between culture, art and mathematics. They were also invited to practise making simple Pulli, Sikku, Padi and Mandala Kolams.



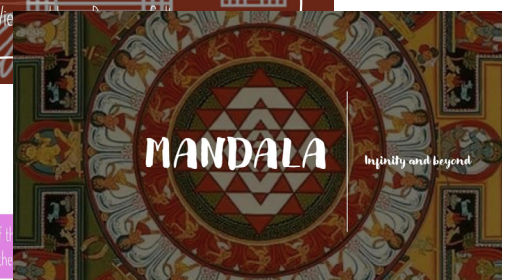
Dots placed before the drawing of the pattern determine the size and shape of the pattern.



Sikku means knot. Kolam is drawn by interlocking lines around the dots placed.



Sikku Kolam is sometimes referred to as "Kambi Kolam" ("Kambi" - thread/thin wire)



"SIKKU"  
THE KNOT

## Lilavati Competition

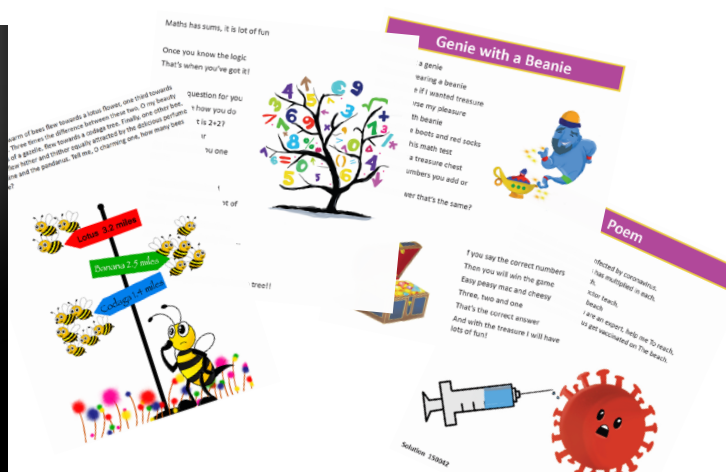
The 2nd Lilavati competition was held in February for which contestants submitted poems, rhymes and riddles involving Maths. There were nearly 60 entries and the panel of judges chose winners on the strength of poeticism, creativity, mathematics and presentation.

The winners for each category are shown below.

Category	1st Place	2nd Place	3rd Place
<b>8 - 10</b>	Shree Arsshiya Balaji	Tanav Patkar	Krshav Thakur
<b>11 - 13</b>	Anushka Tonapi	Sanjana Roy	Suhani Thakur
<b>14 - 16</b>	Sriya Balaji	Mrunmayee Yawale	Aniruddha Ambewadikar
<b>Open</b>	Sreenivasa Ainapurapu	Vajindar Kaur	V S Venkatavaradan

A selection of entries from last year's competition have been put together in a beautifully illustrated volume. Please write to us if you are interested in receiving the book.

The illustrations are by one of this year's winners, Tanav Patkar.



## 8th Online International Vedic Maths Conference

On March 12 and 13, IAVM hosted the 2-day online event which featured distinguished Vedic Mathematics teachers/trainers presenting their initiatives, and scholars sharing their research work. On day 2 the IAVM faculty and other VM Trainers offered free workshops for students and teachers on innovative approaches to learning and teaching mathematics.

We heard about initiatives by Jyoti Pandya and Anand Prabha in India, Hassan Oleik in Lebanon, Thair Raid in Iraq and Ike Prudente in the Philippines, all of whom are engaged in teaching VM and expanding the awareness of Vedic Maths in their countries.

Participants at the conference expressed their delight and gratitude for the enthralling workshops. You can read the detailed report of the conference [here](#).

To watch the workshop videos click [here](#).

## Knowledge Series 2

Knowledge Series is an initiative by IAVM to host free webinars on mathematical understanding, both ancient and modern, which relate to Vedic mathematics or to the development of mathematics in India and diverse cultures. We continued from the previous year with four webinars given by esteemed guest speakers.



### Major Landmarks in the Kerala Mathematics Tradition

Dr. V. Madhukar Mallaya



### Vedic Mathematics for Aesthetic Education

Laura Aimo



### Asthankolalalam An Ancient Mathematical Treatise in Tamil

Dr. Smt. Sita Sundar Ram



### Contribution of Ancient Indian Mathematics to Algebra

Ravi Asrani

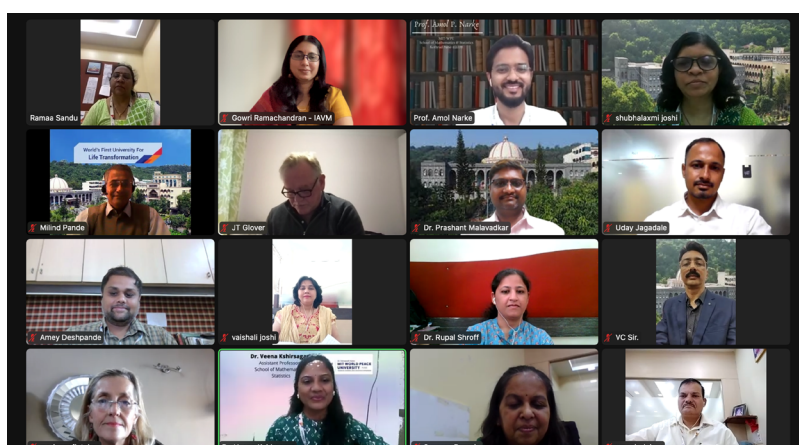
Video recordings of each webinar are available on our [YouTube channel](#) here.

## IAVM International Symposium on VM in Digital Technologies

On April 29 - 30 we conducted a weekend online symposium for MIT World Peace University, in Pune India, attended by many students as well as faculty. The workshops focussed on VM algorithms that can be used in computer programming.

From the point of view of the presenters, as well as from feedback given by the students and the faculty, the symposium was a great success.

Our sincere gratitude to Prof. Dr Milind Pande, Pro-Vice- Chancellor, Prof. Dr Shubhalaxmi Joshi, Associate Dean, Faculty of Science, the organizing committee, the faculty, and the students of MIT-WPU for all their support and encouragement.





## 5th International Vedic Maths Conference, Kerala



After a gap of three years due to the pandemic situation all over the world, the much awaited 5th International Vedic mathematics Conference was held at Sree Sankara College, Kalady, Kerala, from 11th - 13th August 2022. The event was sponsored by the Indian Council for Cultural Relations (ICCR) and the Education Renaissance Trust, UK, which supports schools and teachers who put spiritual values at the heart of education. We were privileged to be hosted by the college which is located close to the birthplace of Adi Shankara. The faculty and undergraduate students at the college were incredibly supportive and welcoming and the conference certainly could not have run smoothly without their unstinting work. Our heartfelt thanks go out to them.



Research papers from around the world were of exceptional quality. Subjects ranged from advancements and new discoveries in the applications of Vedic maths techniques through to revelations concerning the brilliant classical astronomers and mathematicians of India in relation to trigonometry, calculus and encoding. In due course, research papers will be published in the conference proceedings and also made available on the IAVM website.

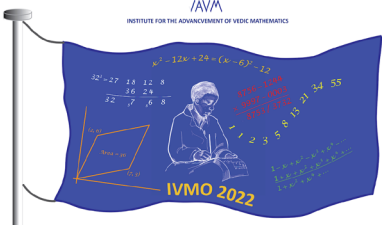




## International Vedic Maths Olympiad (IVMO 2022)

The 2nd International Vedic Mathematics Olympiad was held on 26th November 2022, to test use of VM techniques, speed of thought and mathematical acumen. There were six levels of entry, Primary A, Primary B, Junior, Intermediate, Senior and Open. The competition was made available both online and offline and managed through Centre Coordinators. We had over 1800 entries, which was a three-fold increase from the first year.. Competitors came from ten countries. The vast majority of entries came from the Philippines, thanks to the amazing work of Ike Prudente who runs several VM centres there and has encouraged schools to take part.

Participants were awarded certificates, gold, silver and bronze for the top 10%, next 20% and next 30%. The top three in each category will soon be highlighted on our website and Facebook page.



**International Vedic Maths Olympiad**  
26th November 2022


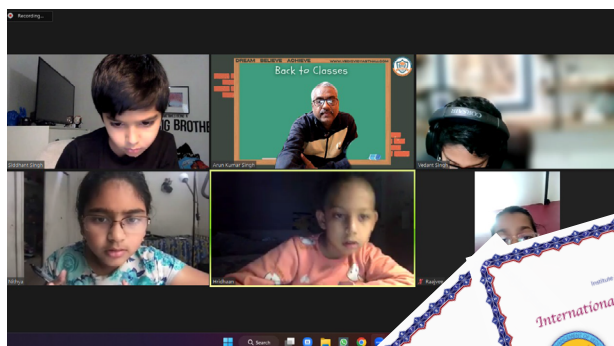
A competition in speed, problem-solving and mathematical acumen in which Vedic maths methods are a distinct advantage

40 multiple choice questions in one hour

Levels of entry  
Primary - 11 years and under  
Junior - 13 years and under  
Intermediate - 16 years and under  
Senior - 18 years and under  
Open - Any age

To participate you must register with a Centre Coordinator. If you do not have one then we can allocate you to one in your locality.  
IVMO is available online or offline

Certificate awards for the top 60% are Gold, Silver, Bronze, in the ratio 1:2:3.  
For further information and how to apply go to <https://instavm.org/ivmo-22/>

The highest achievers in each category are shown below.

Primary B	Primary A	Junior
1st Sean Lewis Santillan	1st Ryu S. Bertoso	1st Aryaman Mittal
2nd Saeko Jade Taclobao	2nd Zoe Asiel Castro	2nd Jeremiah E. Lubiano
3rd Ashlay Jane Tajada	=3rd Jaden F. Laureta	3rd Sharlene A. Cirineo
	=3rd Sean M. Cobankiat	
Intermediate	Senior	Open
1st Xreen Leigh Andres	1st Francez Angelyn Gaspar	1st Daniel James Molina
2nd Joanne Kirsten Racelis	2nd Amber May Bagtang	2nd Ralph Moses Padilla
3rd Jalenn Gavierrez	=3rd Ruturaj Alornekar	3rd Germaine Lisa Ang
	=3rd Aron Dan Pastrana	

## IAVM Invited on All India Radio

Swati Dave, CEO of IAVM, was invited to discuss the merits of Vedic Maths live on All India Radio. This was a follow up conversation after Narendra Modi's segment on VM in 'Mann Ki Baat'. This was in relation to the Government of India's new education policy to include aspects of Indian heritage within schools and colleges.

You can see the interview after 29 minutes on this [link](#).



## Partnerships

2022 was a year of increasing partnerships. IAVM signed MOU's with JKMS Foundation, Hindu College - Delhi, CCSU - Meerut, VM Tunisia and ICAD - Lebanon. These institutes have realised the need for close linkage with IAVM to share a common interest in the dissemination of Vedic Mathematics.



## Hindu College Course

Ancient Indian Wisdom: Vedic Mathematics (Level 1), Add-on Course was hosted by Hindu College, University of Delhi in collaboration with IAVM from October 1 to November 13, 2022.

30 students of Delhi University took this 30-hour course conducted by IAVM faculty, and were assessed and awarded certificates at the end.

Our sincere gratitude to the Principal, Prof. Anju Srivastava, Vice-Principal Prof. Reena Jain, Course Convenor Dr. Kanta Garg, Course Coordinator Dr. Samridhi Mehta, Dr. Sunil Joshi, and the students for all their support and encouragement.

## Vedic Maths in Lebanon

Our partnership with Lebanon continues with our Master Training program, Teacher certifications, and provision of teacher and student resources. We completed the Level 2 of the Master Trainer workshops in December 2022. Students have started to learn VM approach in their regular math classes at school.

## Certification

IAVM launched the initiative to award three levels of certification (Foundation, Intermediate and Advanced), each divided into three further levels of Novice, Proficiency and Advanced. Certification can be accomplished by successfully completing the IAVM assessments. The topics under each level are applicable to maths syllabus of Grades 3 - 12.

Nearly 160 students/teachers from Philippines are now certified at different levels of Foundation.

We look forward to expand this offering in a more structured manner and also partner with schools and colleges to encourage the students to take the assessments.

## International Workshop at Kanya Maha Vidyalaya (KMV)

On September 3, James Glover conducted a workshop introducing Vedic Mathematics to students at KMV, Punjab. Attendees were delighted with the wonderful methods and techniques.



**Kanya Maha Vidyalaya (Autonomous)**  
137 Glorious Years  
College with Potential for Excellence by UGC CURIE grant by DST-Govt. of India Star College Status by DST, Govt. of India  
Top National Rankings (India Today, Outlook Magazine & Times of India Group)

**PG Dept. of Mathematics**  
in Collaboration with  
**Research Cell, Kanya Maha Vidyalaya**  
(Under the aegis of CURIE grant)  
Organizes  
**International Workshop on**  
**"WONDERS OF VEDIC MATHEMATICS"**

**Resource Person**  
**Mr. James Glover**  
Co-Founder, Chairman & Academic Director  
Institute For Advancement of Vedic Mathematics, UK

**Date : September 3, 2022 | Time : 01:15 PM onwards**  
**Zoom ID : 88641572711 | Password : 149599**  
**Venue : Conference Hall**

**Convenor**  
Mrs. Veena Deepak  
(Head, PG Dept of Maths)

**Co-Convenor**  
Ms. Anand Prabha  
Dr. Monika Rani, Dr. Natasha Sharma

**Patron**  
Prof. (Dr.) Atima Sharma Dwivedi  
Principal

## What to Look Out For in 2023

For all our upcoming events keep a look out on our website, [www.instavm.org](http://www.instavm.org), and our Facebook page.

### Knowledge Series 3

Another series of free webinars will be offered in the coming months

### 9th Online Annual Conference - July

A call for papers and presentations will be sent out soon.

### Lilavati

The Maths poetry and riddle competition will again be run during May and June.

### Masterclasses - March - June

A series of masterclasses will be presented by James Glover demonstrating solutions to last year's IVMO papers.

### IVMO 2023

The International Vedic Maths Olympiad will be held in November. Sample papers and past papers are available on our [Competitions](#) page.

## Support

Understandably, all these activities take many hours of preparation and our team work tirelessly to accomplish this. To sustain and ensure that we continue we need your support. Please check our [Facebook](#) page, [Volunteer](#) page, [Donate](#) page and [YouTube](#) channel to see how you can be involved in supporting us..

IAVM Roadmap 2023







# **The Institute For The Advancement of Vedic Mathematics**

Annual Financial Report for the year  
ended 15-Jan-2023

# Contents:



Statement of financial  
position as at 15-Jan-23  
(Balance Sheet)



Statement of Receipts and  
Payments for the year  
ended 15-Jan-23



Statement of inflows and  
outflows of cash for the  
year ended 15-Jan-23



Notes to Account



Schedules to Balance Sheet  
(1-5)



Consolidated receipts  
and payments  
statement 2017-2023

# The Institute For The Advancement of Vedic Mathematics

## Statement of Financial Position as at 15-Jan-2023

Particulars	Schedule	Amount GBP
<b>Assets</b>		
<b>Current Assets:</b>		
Cash and Bank Balances	1	21,654.40
<b>Total Current Assets (A)</b>		<b>21,654.40</b>
<b>Current Liabilities:</b>		
Tata Trusts	2	1,573.59
Professional fees payable	3	8,782.90
International conference - Kerala	Note - 8	3,506.19
<b>Total Current liabilities (B)</b>		<b>13,862.68</b>
<b>Net Assets (A-B)</b>		<b>7,791.72</b>
<b>Funded by:</b>		
Membership Fund	4	1,909.54
General fund	5	5,882.18
<b>Total Fund Balance</b>		<b>7,791.72</b>



# The Institute For The Advancement of Vedic Mathematics

## Statement of Receipts and Payments for the year ended 15-Jan-2023

Particulars	Amount GBP
<b>Sources of Income / Receipts</b>	
Online conference	258.25
Donations	123.00
Membership	575.87
Sale of books	81.28
International Conference	7,196.89
IVMO	5,028.14
Certifications	705.54
<i>Projects:</i>	
IMI	1,079.92
lebanon	563.00
Kolam Workshop	145.99
Hindu College	591.43
MIT-Pune	825.59
Tunisia	86.10
CCCU - Meerut	30.18
Projects of 2021 accounted in current year	2,323.82
<b>Total Receipts (A)</b>	<b>19,615.00</b>
<b>Application of Income / Payments</b>	
Website	1,163.18
Zoom	187.24
Google Storage	15.99
Professional Fees paid (currency conversion adjustment)	53.63
International conference expenditure	3,690.70
Professional Fees Payable	8,782.90
Transfer to restricted funds	
Membership fund	575.87
International conference fund - Kerala	3,506.19
<b>Total Payments (B)</b>	<b>17,975.70</b>
<b>Excess of receipts over payments (A-B)</b>	<b>1639.30</b>

# The Institute For The Advancement of Vedic Mathematics

## Statement of Inflows and Outflows of Cash for the year ended 15-Jan-2023

Particulars	GBP	USD	EUR	INR
<b>Inflows of Cash (A)</b>				
Online conference	30.31	220.02		4,725.00
In-Person Conference	48.43	27.93		27,800.00
Donations received for In-person Conference	6,050.00	479.40		40,000.00
Donations - General		150.00		
Sale of Books and Publications		65.02		2,780.00
IMI - 4		1,316.97		
Kolam Workshop		168.84		750.00
Hindu College				58,800.00
MIT - Pune				82,080.00
Lebanon	563.00			
VM Tunisia		105.00		
CCCU for James				3,000.00
Certifications		834.65		2,100.00
IVMO	125.03	5,263.66		58,350.20
Annual Membership		19.12		1,554.00
Life Memberships		517.13		11,981.00
GBP Converted				82,550.00
<b>Total (A)</b>	<b>6,816.77</b>	<b>9,167.74</b>	<b>-</b>	<b>376,470.20</b>
<b>Outflows of Cash (B)</b>				
Professional fees paid	653.00	771.74		44,500.00
Kerala conference expenses				366,929.00
Zoom	187.24			
Website		1,366.00		
GO Daddy	43.06			
Google storage	15.99			
Cash withdrawn for Kerala conference (GBP Converted)	860.00			
<b>Total (B)</b>	<b>1,759.29</b>	<b>2,137.74</b>		<b>411,429.00</b>
<b>Excess of inflows over outflows (A-B)</b>	<b>5,057.48</b>	<b>7,030.00</b>	<b>-</b>	<b>(34,958.80)</b>
<b>Opening Balance of cash and cash equivalents</b>	<b>1,972.10</b>	<b>5,501.08</b>	<b>32.18</b>	<b>513,476.00</b>
<b>Closing Balance of Cash and cash equivalents</b>	<b>7,029.58</b>	<b>12,531.08</b>	<b>32.18</b>	<b>478,517.20</b>

# The Institute For The Advancement of Vedic Mathematics

## Notes to Accounts

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1 Financial year end date is taken to be 15th January every year.

2 IAVM is considered to be a going concern and the books of accounts are maintained as such.

**3 Revenue:**

Revenue is recognised on cash basis. The amount stated as revenue is actually received and held at various locations.

**4 Expenditure:**

Expenditure is recognized on accrual basis. Expenditure yet to be paid on account of any transactions during the financial year shall be identified and recognised as expenditure

**5 Assets and depreciation:**

There are no assets held by the charity to date except the cash and bank balances by members at various locations

Hence no depreciation policy is placed into account.

The books and publications printed are taken into account as expenditure during the year they are printed.

A record of sales/donations on the publication and the closing balances is maintained at various locations.

The revenue on sale of books is however considered on cash basis in the period actually sold.

**6 Memberships:**

Registrations for Annual Memberships will end on the date one year from the date of registration or actual receipt of payment whichever is earlier.

Life memberships will be effective from the actual date of payment of fees

A separate restricted fund is maintained for the life membership fees. The utilization of this fund will be decided by the trustees in a separate trustees meeting.

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# The Institute For The Advancement of Vedic Mathematics

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### 7 Registrations for conferences:

Revenue generated from registrations of conferences is purposed to be used for payments for services rendered by moderators/ faculty.

Excess revenue if any from the same is to be kept in the country of the conference for application of funds for future conferences in that country.

If for any reason the same cannot be held in the country of the conference, the excess is transferred to UK Lloyds A/c using acceptable fund transfer methods.

### 8 International Vedic Mathematics Conference – Kerala:

During the year, the 5th International Vedic Mathematics Conference was held in the month of August 2022 in Kaladi, Kerala. All the monies received are allocated into a separate fund after deducting the payments made so far on the same. This is due to pending receipts from one sponsor and pending payments for reimbursement of expenditure to key contributors for the conference. The revenue recognition on this account will be made after the said transactions are made.

### 9 Professional Fees Payable:

Professional fees payable to key resource persons with respect to all the revenue generated projects undertaken during the year and the previous year has been identified by the Board and approved in the finance committee meeting held during the year.

The fees thus recognized will be paid during the first quarter of the financial year 2023.

### 10 Reporting Currency:

In line with the special resolution taken during the AGM held in February 2022, the consolidated statement of accounts are made in the reporting currency i.e., GBP. The opening balances are taken at the exchange rate as at 15th January 2022, Transactions during the year are taken at the exchange rate as at 15th January 2023. The closing balances have been arrived accordingly with this adjustment. The cash flow statement and the statement of cash position for the year ended 15th January 2023, however, is shown at the currencies held at various locations.

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# The Institute For The Advancement of Vedic Mathematics

## Schedule 1

Statement of Cash and bank balances in Hand (Cash Position)	GBP	USD	EUR	INR
Balance in PayPal account	597.90	12,297.08	32.18	
Balance in Lloyds Bank	5,927.73			
Rubrix - India				36,345.00
Rubrix - Tata Trusts				158,933.00
Dhanunjay Consultancy - India				269,081.20
Cash in Hand - James	503.95			
Cash in Hand - Swati		234.00		
Cash In Hand - Gowri				14,158.00
<b>Total</b>	<b>7,029.58</b>	<b>12,531.08</b>	<b>32.18</b>	<b>478,517.20</b>

## Schedule 2

Professional Fees Payable	15-Jan-23 GBP
Professional Fees on projects payable during the year 2022	
IMI	859.36
lebanon - 2	446.08
Kolam Workshop	116.77
Hindu College	473.14
MIT-Pune	660.47
Projected of 2021 accounted in current year (Lebanon1 & IVMO 2021)	1,876.16
Certifications	336.20
IVMO	4,014.72
<b>Total Professional Fees Payable - GBP</b>	<b>8,782.90</b>

## Schedule 4

Membership Fund	15-Jan-23 GBP
Opening Balance - 15-Jan-22	1,333.67
Add: Balance during the year	575.87
<b>Closing Balance - GBP</b>	<b>1,909.54</b>

## Schedule 5

IAVM - General Fund Balances	15-Jan-22 GBP
Opening Balance - 15-Jan-22	4,242.88
Add: Excess receipts over payments	1,639.30
<b>Closing Balance - GBP</b>	<b>5,882.18</b>

## Schedule 3

Restricted Fund - India Conference	15-Jan-23 GBP
International conference - 2019 - Hyderabad (Opening Balance)	1,573.59
<b>Total (Balance held with Rubrix India)</b>	<b>1,573.59</b>

### Note:

The amount shown is the balance of grant received from Tata Trusts for the International Vedic Mathematics Conference held in Hyderabad in August 2019. The amount of INR 158,933.00 refundable to Tata Trusts is held in Rubrix India Bank Account.

# The Institute For The Advancement of Vedic Mathematics

## Consolidated Receipts and Payments from Year ended January 2017 – January 2023

Particulars	Jan - 2023	Jan - 2022	Jan - 2021	Jan - 2020	Jan - 2019	Jan - 2018	Jan - 2017
Receipts	Amount GBP	Amount GBP	Amount GBP	Amount GBP	Amount GBP	Amount GBP	Amount GBP
Online conference	258.25	218.69	208.25	132.76	184.60	186.49	338.07
Donations	123.00		994.45	1,844.48		28.39	364.83
Membership	575.87	78.82	124.93	494.19	635.64	76.28	17.24
Sale of books	81.28	79.37	103.37	431.91	91.77	35.31	
International Conference	7,196.89			359.48	440.86	152.34	
IVMO	5,028.14	1,525.31					
Certifications	705.54						
Projects:							
Baghdad				298.00			
Masterclass by James Glover		376.57	254.22				
IMI	1,079.92	1,055.82					
Kalkeri		211.39					
lebanon	563.00	838.00					
Kolam Workshop	145.99						
Hindu College	591.43						
MIT-Pune	825.59						
Tunisia	86.10						
CCCU - Meerut	30.18						
<b>Total Receipts (A)</b>	<b>17,291.18</b>	<b>4,383.97</b>	<b>1,685.22</b>	<b>3,560.82</b>	<b>1,352.87</b>	<b>478.81</b>	<b>720.14</b>
<b>Payments</b>							
Website	1,163.18	113.84	909.85		285.00	350.48	487.45
Zoom	187.24	155.90	14.39				
Google Storage	15.99	15.99	15.99				
Professional Fees	8,829.06	1,160.30	520.00				
International conference expenditure	3,690.70					60.00	
ISBN				164.00			
<b>Total Payments (B)</b>	<b>13,886.17</b>	<b>1,446.03</b>	<b>1,460.23</b>	<b>164.00</b>	<b>285.00</b>	<b>410.48</b>	<b>487.45</b>
<b>Excess of Receipts over payments (A-B)</b>	<b>3,405.01</b>	<b>2,937.94</b>	<b>224.99</b>	<b>3,396.82</b>	<b>1,067.87</b>	<b>68.33</b>	<b>232.69</b>

### Notes:

1. Provision for Capital funds like membership fund etc, is not shown in the above statement

2. In the financial years 2017,2018 and 2019 an amount of INR 100,000,000 had been received as grant for conducting of International Vedic Mathematics Conference form Tata Trusts. The amount not expended for the purposed of the same has to be paid back to Tata Trusts. Hence the amounts and its related expenditure is not included in the above statement.

3. The consolidated amounts shown in the above statement is drawn for reference purpose only and use the currency exchange rate as of 15th january of that particular year. Hence the cumulated amount will not be the same as the fund balance held as on the end of any year. To ascertain the actual balances of funds held by IAVM, please refer to the financial statements of that particular year.





Prepared by:  
Gowri Ramachandran  
Trustee - CFO  
IAVM