

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

Newsletter

February 2022

Welcome to the IAVM Newsletter!

The purpose is to bring you a round-up of news on events over the last year and to let you know of events to come. You can find further information, together with videos and reports, on our [website](http://www.instavm.org) at www.instavm.org.

We sincerely hope you all are well and looking forward to 2022 as a year where the world returns to normality. This last year has been challenging for many and we would like to express our heartfelt thanks for your continued support and encouragement during these difficult times.

If you are engaged in 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.

James Glover - Editor

Highlights and Projects of 2021

Expanded Core Team

In spite of the global pandemic, this past year the IAVM has been involved in a number of activities, both regular and new, aimed at promoting and disseminating Vedic Maths. In fact, we have been so busy with a number of new projects that we have had to expand our core team and invite three new directors onto the Board of Management, namely, Ramya Balaji, Prajakti Gokhale and Raghavendra Prasad.

Kalkeri Sangeet Vidyalaya, India, May 2021

IAVM conducted an introductory Vedic Mathematics Teacher Training programme for the teachers of Kalkeri Sangeet Vidyalaya, India. This training program was conducted via live online sessions of 2 hour/ day over a duration of 8 days. From the point of view of the presenters, as well as from feedback given by the KSV teachers, the programme was a great success.

Gratitude goes to Agathe, Adam, and Sudharm for their commitment to the professional development of teachers, as well Rajeshwari Godbole who introduced IAVM to KSV.



Nolali Education Centre – South Africa 2021

This report from Debby Potgieter of NEC says it all:

"We are really excited about the assistance the international Vedic Math team is offering our project.

Our relationship began by chance when we met Marianne Fletcher over the December holidays here in the Transkei. Marianne explained the concept of Vedic Maths, a technique which teaches mathematics using sutras which can be applied to maths problems, making it simpler to grasp. Students in our rural village miss the fundamentals such as the value of numbers as well as they don't know their times tables and therefore Maths becomes a daunting challenge from a young age for many. We were keen to put Marianne's ideas into action and she was keen to support our project.

A couple of zoom meetings later, we met Marianne's international colleagues who were all keen to support us and our new journey towards making Maths more comprehensible for these children has begun.

The international team have now designed worksheets, created video tutorials and tailor-made activities for us to implement at our education centre after school and we are thrilled with their input. We are fortunate to have Justin, our Maths volunteer, to lead the lessons, although today, the class was so big it was hands on for everyone."

We have an exciting journey ahead embracing Maths, Maths and more Maths. Thank you, Marianne, Swati and your team.

We hope to continue the programme this year.



Online Conference June 2021

Due to the postponement of the in-person conference usually held in August we moved our annual online conference from March to June. The conference turned out to be a delightful event with a broad variety of presentations. There were presentations showing applications of the VM sutras, innovative approaches and reports on a number of projects mostly connected with teaching VM in difficult situations and online. For the first time we introduced a new segment of free workshops for teachers and students on Day 2.

For a detailed report and the videos of presentations and workshops please check the [Past Events](#) tab on our website.



Kolams
Ancient Geometric Patterns

Method of Differences

Show that, $\sum_{r=1}^n \frac{1}{r(r+1)} = \frac{n}{n+1}$

$\frac{1}{r(r+1)} = \frac{1}{r} - \frac{1}{r+1}$

$\frac{1}{1} - \frac{1}{2} + \frac{1}{2} - \frac{1}{3} + \frac{1}{3} - \frac{1}{4} + \dots + \frac{1}{n} - \frac{1}{n+1}$

$= 1 - \frac{1}{n+1} = \frac{n+1}{n+1} - \frac{1}{n+1} = \frac{n}{n+1}$

अन्त्ययोरेव
Only the Outer Terms

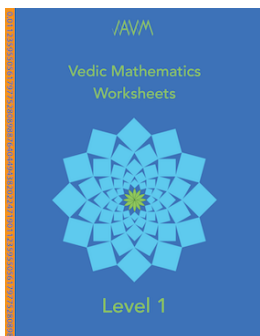
Research
Finding further meanings in VM Sutras

Lilavati Competition June 2021

Also at this conference, Gowri Ramachandran directed a new initiative called Lilavati. This was a Maths poetry and puzzle competition for different age-groups. The poems were received and judged beforehand, and the winners were announced at the conference and invited to read out their entries. This turned out to be very popular and so we will run it again at the 2022 online conference.

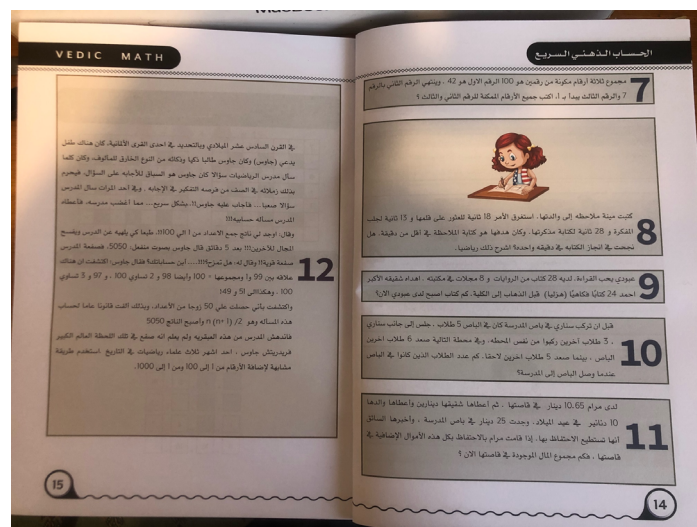
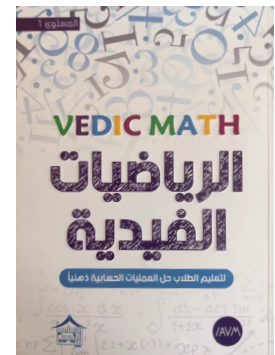


Tanav Patkar USA
Age 9



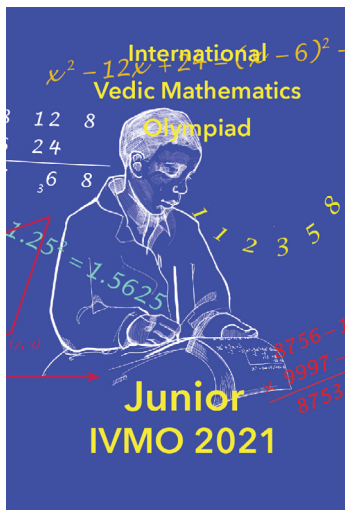
Publications

We published the first volume of Teaching and Learning Resources, which is accompanied with a book of printable worksheets. The material from this has also been translated into Arabic by Thaer Raad in Baghdad and put together in a beautifully illustrated book.



Knowledge Series 1 2021

In 2021 we reinvented our free webinar as "Knowledge Series" to feature interesting talks and presentations on mathematical understanding from ancient India and mathematical practices in diverse cultures. We invited five scholars to share their knowledge, and were extremely pleased to see that all the talks were well attended. You can watch the video recordings on our [YouTube Channel](#). Knowledge Series 2 begins next month so keep a look out on our Upcoming Events page.



International Vedic Maths Olympiad (IVMO)

The 1st International Vedic Mathematics Olympiad was held on 11th September 2021, to test use of VM techniques, speed of thought and mathematical acumen. There were five levels of entry, Primary, Junior, Intermediate, Senior and Open. Originally planned for an in-person event run through Regional Coordinators (RCs) we ended up running most of it online. The RCs were extremely helpful in facilitating this. There were over 600 entries from nine countries and high scorers received gold, silver, or bronze certificates. The event was very successful, and we plan to run it each year in September. You will find the detailed report with the winner list and the papers on our website.



Vedic Mathematics in Lebanon - October 2021

IAVM has partnered with International Company for Academic Development (ICAD), Lebanon to promote and disseminate Vedic Mathematics in Lebanon. For the 1st phase, IAVM successfully conducted a Master Training Program for Level 1 in October 2021. The journey continues as the master trainers will now train the teachers who will then teach the students.

Vedic Mathematics in Egypt - October 2021

Partnnering with Lebanese Educational Services to promote and disseminate Vedic Mathematics in Egypt, Swati Dave represented IAVM during the launch on October 30, 2021.



IMI IV - Inspirational Maths from India - November 2021

In December Ike Prudente of MathINIC in the Philippines, in collaboration with IAVM, hosted the 4th *Inspirational Maths from India* conference. This was a three-day event with 40 seminars on a wide range of Vedic Maths topics. In addition to this IAVM ran its first round of Assessments with Certifications (see below). There were 120 entries of whom half were awarded certification at Foundation level – Novice and Foundation level – Competence.



Assessment and Certification

We have been developing Vedic Maths Assessments and the first three levels are now ready. At the Foundation level these are called Novice, Proficiency and Distinction. Passes at each level carry award certificates. Further levels will be available in due course.



What to Look Out For in 2022

8th Online Annual Conference 12th - 13th March

Day 1 will consist of presentations of research papers, projects, discussions and activities. The second day will be given over to workshops for students, teachers and enthusiasts together with a presentation of this year's Lilavati winners. You can register online through our website.

In-Person Conference

All being well, IAVM will run the 5th Vedic Maths International Conference at Sree Shankara College, Kerala, during the second half of August. Our previous international conferences, held in Kolkata, Delhi, Bangalore and Hyderabad, have been large events and we are expecting several hundred delegates. A call for papers will be sent out to all our contacts towards the end of April and further details will follow.

IVMO 2022

The International Vedic Maths Olympiad will be held in September. Sample papers and last year's papers are available on our Competitions page.

Support

Understandably, all these activities take many hours of preparation and our team worked tirelessly to accomplish this. To sustain and ensure that we continue we need your support. Please check our [Volunteer](#) page to see how you can be involved. Also, last but not least, please [Donate](#) to the cause of Vedic Mathematics. Every donation counts.

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The Institute For The Advancement of Vedic Mathematics

Annual Financial Report for the year ended 15-Jan-2022

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Statement of financial position as at 15-Jan-22 (Balance Sheet)



Statement of Receipts and Payments for the year ended 15-Jan-22



Statement of inflows and outflows of cash for the year ended 15-Jan-22



Schedules to Balance Sheet (1-7)



Notes to Account

The Institute For The Advancement of Vedic Mathematics

Statement of Financial Position as at 15-Jan-2022

Particulars	Schedule	GBP	USD	EUR	INR	PHP
Assets						
Current Assets:						
Cash and bank Balances	1	1,972.10	5,501.08	32.18	513,517.00	
Total Assets		1,972.10	5,501.08	32.18	513,517.00	-
Liabilities & Fund Balances						
Current Liabilities:						
Professional Fees Payable	2	1,049.50	363.00		36,580.00	
Restricted fund - IVMO	3	275.32	1,447.82		14,050.00	
Restricted Fund - Lebanon	4	468.00	500.00			
Restricted fund - India conference	5				158,933.00	
Non-Current Liabilities and Fund Balances:						
Restricted fund - Life membership fund	6	153.02	761.91		62,300.00	
Fund Balance						
General fund	7	26.26	2,428.35	32.18	241,654.00	
Total Liabilities & Fund Balances		1,972.10	5,501.08	32.18	513,517.00	-

The Institute For The Advancement of Vedic Mathematics

Statement of receipts and payments for the year ended 15-Jan-2022

Particulars	GBP	USD	EUR	INR	PHP
Sources of Income/Receipts					
IMI - 3		1,426.78			
Sale of books/publications(Including Royalties)		107.25			
Masterclass by James Glover (Series 1)		122.36			
Masterclass by James Glover (Series 2)	110.68	79.03		1,750.00	
Masterclass rerun by Mathinic		134.51			
Online conference	65.88	66.01		10,500.00	
Memberships - Annual		69.58	32.18		
Kalkeri - Project				21,350.00	
Total (A)	176.56	2,005.52	32.18	33,600.00	-
Application of Income/Payments					
Zoom Subscription Annual(Paid by james)	107.90				
Zoom add on (Paid by james)	48.00				
Standard SSL 2yrs annual	70.78				
Google data storage (James)	15.99				
GoDaddy Data backup (James)	43.06				
Professional Fees payable	529.50	363.00		36,580.00	
Total (B)	815.23	363.00	-	36,580.00	-
Excess of Receipts over expenditure (A-B)	(638.67)	1,642.52	32.18	(2,980.00)	-

The Institute For The Advancement of Vedic Mathematics

Statement of Inflows and Outflows of Cash for the year ended 15-Jan-2022

Particulars	GBP	USD	EUR	INR	PHP
Inflows of Cash (A)					
IMI - 3		1,426.78			
Sale of books/publications (Including Royalties)		107.25			
Masterclass by James Glover (Series 1)		122.36			
Masterclass by James Glover (Series 2)	110.68	79.03		1,750.00	
Masterclass rerun by Mathinic		134.51			
IVMO RC registrations & Final settlements	45.32	1,416.09		12,050.00	
Online conference	65.88	66.01		10,500.00	
Memberships - Annual		69.58	32.18		
Life memberships		531.59		6,800.00	
Kalkeri - Project				21,350.00	
Lebanon And Egypt receipts(with James and Swati respectively)	468.00	500.00			
From PayPal	7.04				
Total (A)	696.92	4,453.20	32.18	52,450.00	-
Outflows of Cash (B)					
Website- design and other expenses		590.00			
Zoom Subscription Annual(Paid by james)	107.90				
Zoom add on (Paid by james)	48.00				
Standard SSL 2yrs annual	70.78				
To lloyds bank transfer		10.00			
Tata Trusts Refund				294,011.00	
Google data storage (James)	15.99				
GoDaddy Data backup (James)	43.06				
Total (B)	285.73	600.00		294,011.00	-
Excess of Receipts over Payments (A-B)	411.19	3,853.20	32.18	(241,561.00)	-
Opening Balance of cash and cash equivalents	1,560.91	1,647.88	-	755,078.00	
Closing Balance of Cash and cash equivalents	1,972.10	5,501.08	32.18	513,517.00	-

The Institute For The Advancement of Vedic Mathematics

Schedules to Balance Sheet

Schedule 1

Statement of Cash and bank balances in Hand	15-Jan-22
UK	GBP
Balance in PayPal account	344.13
Balance in Lloyds Bank	1,374.92
Cash in Hand - James	253.05
Total (GBP)	1,972.10
USA	USD
Balance in PayPal Account	4,974.08
Cash in Hand - Swati	527.00
Total (USD)	5,501.08
UK (EUR)	EUR
Balance in PayPal Account	32.18
Total (USD)	32.18
India	INR
Rubrix bank Account	362,717.00
Cash on Hand - Vikram	135,800.00
Cash on Hand - Gowri	15,000.00
Total (INR)	513,517.00

Schedule 2

Professional Fees Payable	15-Jan-22
	GBP
Professional Fees for 2020	520.00
Professional Fees end of period June 2021	529.50
Total Professional Fees Payable - GBP	1,049.50
	USD
Professional Fees for 2020	
Professional Fees end of period June 2021	363.00
Total Professional Fees Payable - USD	363.00
	INR
Professional Fees for 2020	
Professional Fees end of period June 2021	36,580.00
Total Professional Fees Payable - INR	36,580.00

Schedule 3

Restricted Fund - IVMO	15-Jan-22
	GBP
Opening Balance - 15-Jan-21	230.00
Add: Balance during the year	45.32
Closing Balance - GBP	275.32
	USD
Opening Balance - 15-Jan-21	31.73
Add: Balance during the year	1,416.09
Closing Balance - USD	1,447.82
	INR
Opening Balance - 15-Jan-21	2,000.00
Add: Balance during the year	12,050.00
Closing Balance - INR	14,050.00

Schedule 4

Restricted Fund - Lebanon / Egypt	15-Jan-22
	GBP
Amount Received by James in UK	468.00
Closing Balance - GBP	468.00
	USD
Amount received by Swati - USD	500.00
Closing Balance - USD	500.00



The Institute For The Advancement of Vedic Mathematics

Schedules to Balance Sheet

Schedule 5

Restricted Fund - India Conference	15-Jan-22
	INR
International conference - 2019 - Hyderabad	158,933.00
Total (Balance held with Rubrix India)	158,933.00

Note:

During the year, the grants received from Tata Trusts for the years 2017 and 2018 were closed after confirmation of the audit reports. The balance amount due with respect to the two grants have been refunded. The current balance shows the balance amount for the grant received in 2019.

Schedule 6

Restricted Fund - Life membership Fund	15-Jan-22
	GBP
Opening Balance - 15-Jan-21	153.02
Add: Balance during the year	
Closing Balance - GBP	153.02
	USD
Opening Balance - 15-Jan-21	230.32
Add: Balance during the year	531.59
Closing Balance - USD	761.91
	INR
Opening Balance - 15-Jan-21	55,500.00
Add: Balance during the year	6,800.00
Closing Balance - INR	62,300.00
	PHP
Opening Balance - 15-Jan-21	18,000.00
Less: Amount transferred into PayPal as USD	(18,000.00)
Closing Balance - PHP	-

Schedule 7

IAVM - General Fund Balances	15-Jan-22
	GBP
Opening Balance - 15-Jan-21	657.89
Less: Excess of expenditure over receipts	(638.67)
Add: Inter account transfer from USD	7.04
Closing Balance - GBP	26.26
	USD
Opening Balance - 15-Jan-21	795.83
Add: Excess of receipts over expenditure	1642.52
Less: Inter account transfer to GBP	(10.00)
Closing Balance - USD	2,428.35
	EUR
Opening Balance - 15-Jan-21	-
Add: Excess of receipts over expenditure	32.18
Closing Balance - EUR	32.18
	INR
Opening Balance - 15-Jan-21	244,634.00
Less: Excess of expenditure over receipts	- 2,980.00
Closing Balance - INR	241,654.00
	PHP
Opening Balance - 15-Jan-21	-
Add: Excess of receipts over expenditure	-
Closing Balance - PHP	-

The Institute For The Advancement of Vedic Mathematics

Notes to Account

1 Financial year end date is taken to be 15th January every year (According to application for registration of charity)

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

Annual membership fees is taken into account as annual revenue

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.

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 Loyds A/c using acceptable fund transfer methods.

8 IVMO

The International Vedic Math Olympiad was held on September 2021. All the monies collected from organising the olympiad are kept as a separate restricted fund (liability) pending identification of expenses with respect to the same. (Professional fees payable for resource persons to organise the olympiad)

9 Balances held in the Philippines

During the year most of the balances due from Philippines for the previous years and with respect to IVMO have been remitted by IAVM partner Mathinic.

Mathinic due to submit the final payment due for IMI - 4 Philippines (Amount due USD 1500), Certifications issued (Amount due USD 480) and Royalty for book agreed upon (Amount due PHP 2500). All these amounts will be recorded as actual amount received after taking into account the bank transfer charges when incurred.



Prepared by:
Gowri Ramachandran
Trustee – CFO
IAVM

Professional Fees Payable

Baghdad Project					
Name	Amount	Rounded to			
IAVM - 20%	77.60	77.00			
James - 40%	155.20	155.00			
Swati - 20%	77.60	78.00			
Marianne - 10%	38.80	39.00			
Gowri - 10%	38.80	39.00			
Total	388.00	388.00			
Masterclass by James Glover					
Amount received	GBP	USD	INR	PHP	Total
	33.70	84.22	7,350.00	6,240.00	
Conversion Rate(Feb 9, 2021)	1	0.73	0.01	0.015	
GBP Total	33.70	61.48	73.50	93.60	262.28
Allocation ratios	Amount	Rounded to			
20% - IAVM	52.46	53.28			
65% -James	170.48	170.00			
15% - Gowri	39.34	39.00			
Total	262.28	262.28			
Allocation of Professional fees for 2020					
Name of the resource person	Amount				
James	325.00				
Swati	78.00				
Marianne	39.00				
Gowri	78.00				
TOTAL	520.00				