

# **KARNATAKA PHYSICS ASSOCIATION**

## **ANNUAL REPORT AND AUDITED STATEMENT OF ACCOUNTS 2022-2023**

**SEPTEMBER 10, 2023**

KPA

Indian Academy PU College  
9th Main, 10th Cross, Hennur Cross,  
Hennur Main Road, Kalyan Nagar,  
Bengaluru - 560 043.

Email: [karnataka.physics@gmail.com](mailto:karnataka.physics@gmail.com)

Website: [karnatakaphysicsassociation.in](http://karnatakaphysicsassociation.in)



***Inauguration of Karnataka Physics Association Chief Guest  
Padmashri Dr. Kiran Kumar, Vikram Sarabhai Professor and former  
chairman ISRO at Nrupathunga University Bengaluru on July 27th 2022***



***The first Meeting at Raman Lecture Hall, BCU  
on February 12, 2022 (Erstwhile Central College) Bengaluru***

# **Karnataka Physics Association**

## **Executive Committee Members**

|                                 |                   |
|---------------------------------|-------------------|
| 1. Dr. G. Venkatesh             | President         |
| 2. Dr. Basavaraj A Kagali       | Vice president    |
| 3. Dr. Nagaraju P               | General Secretary |
| 4. Sri Raghavendran K M         | Treasurer         |
| 5. Dr. Nagaraja H S             | Member            |
| 6. Dr. Srikanta B S             | Member            |
| 7. Dr. Basavaraju S P           | Member            |
| 8. Dr. Arvind Gopal Kulkarni    | Member            |
| 9. Dr. Somasekara Siddiginamale | Member            |
| 10. Sri Nataraju S K            | Member            |
| 11. Sri Nandan M R              | Member            |
| 12. Dr. Geetha R S              | Member            |
| 13. Dr. Shanthala V S           | Member            |
| 14. Dr. Shivaram Narayan Patil  | Member            |
| 15. Dr. Raghavendra Maiguru     | Member            |
| 16. Sri. Achutha B S            | Member            |
| 17. Sri. Sai Venkataraman       | Member            |

### **Bankers**

State Bank of India

Hennur Main Road Branch, Bengaluru-560043.

### **Auditors**

Auditors

NAINEGLI & Co

Chartered Accountant

314, 7th Main Rd, HRBR Layout 1st Block,

HRBR Layout, Kalyan Nagar, Bengaluru, Kamataka 560043

## **Members**

### **Institutional Members**

Indian Academy Degree College, Bengaluru

Garden City University, Bengaluru

### **Honorary Members**

- |                           |                                |
|---------------------------|--------------------------------|
| 1. Dr. Kiran Kumar A S,   | Former Chairman ISRO           |
| 2. Dr. Venkataramaiah P V | Former VC Kuvempu University   |
| 3. Dr. Mulmani B G        | Former VC Gulbarga University  |
| 4. Dr. Siddappa K         | Former VC Bangalore University |

### **Founder Members**

- |                                 |                                |
|---------------------------------|--------------------------------|
| 1. Dr. G. Venkatesh             | 12. Dr. Nataraju S K           |
| 2. Dr. Basavaraj A Kagali       | 13. Sri Nandan M R             |
| 3. Dr. Nagaraju P               | 14. Dr. Geetha R S             |
| 4. Sri Raghavendran K M         | 15. Dr. Shanthala V S          |
| 5. Dr. Nagaraja H S             | 16. Dr. Shivaram Narayan Patil |
| 6. Dr. Srikanta B S             | 17. Dr. Raghavendra Maiguru    |
| 7. Dr. Basavaraju S P           | 18. Sri Achutha B S            |
| 8. Dr. Arvind Gopal Kulkarni    | 19. Sri Sai Venkataraman       |
| 9. Dr. Somasekara Siddiginamale | 20. Dr. Nagabhushan C          |
| 10. Dr. M S Jogad               | 21. Sri Mahesh N               |
| 11. Sri Sreenath Ratna kumar    | 22. Dr. Khened S M             |

### **Premier Member**

1. Dr. Ramanjinappa



## **Life Members**

1. Abhiram J
2. Ananda H T
3. Ashwini N
4. Aswini P
5. Balakrishna H S
6. Basavaraj Angadi
7. Eraiah B
8. Eshwarappa K M
9. Govind A S
10. Gowtham G K
11. Harshitha G R
12. Jagadeesha B G
13. Kalasad M N
14. Karthik
15. Kiran S N
16. Kokila M K
17. Krishna H Fattepur
18. Krishna Murthy B S
19. Kulkarni K C
20. Kumar V S
21. Laksmi pathy R K
22. Malathi K V
23. Meera B N
24. Nagaiah N
25. Naveen C S
26. Naveen K R
27. Parasuraman
28. Radha K C
29. Raghu A
30. Rama Bharathi
31. Ramakrishna Domle
32. Roopadevi P
33. Santhosh T C M
34. Sarbari Bhattacharya
35. Shashikala Yelagi
36. Shivalingappa Udachan
37. Shivalingaswamy T
38. Sivashankarasastry V
39. Soumya S Bulla
40. Srinivasmurthy C S
41. Sudheendra H S
42. Supriya Nayak M K
43. Suresh K
44. Suresh K S
45. Thejas R
46. Thejavathi N R
47. Udayashankar
48. Ushadevi A R
49. Vasudevan K T
50. Yelamaggad

## **Student Members**

1. Amith Vikram
2. Pancendra G N



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**PART - I**  
**ANNUAL REPORT**  
**2022-23**

## Chapter 1: Genesis

The meeting to establish KPA took place on February 12, 2022, at the Raman Lecture Hall, Physics Department, Central College, now part of Bangalore City University. Seventeen individuals attended this pivotal gathering, which was presided over by Prof. G. Venkatesh. In this meeting, in-depth discussions were held regarding various aspects, leading to the following resolutions:

**Resolution 1:** It was resolved to authorize G. Venkatesh, B. A. Kagali, and P. Nagaraju to sign the necessary documents for the Association's registration and to operate the Association's bank account.

**Resolution 2:** It was resolved that individuals submitting their membership forms and fees before the Association's inauguration shall be recognized as Founder members, with subsequent memberships governed by the association's by-laws.

**Resolution 3:** It was resolved that the Association's Constitution and bylaws are binding on every member (these documents were read aloud during the meeting).

The second meeting, conducted online on March 2, 2022, at 6:00 PM, resolved to open a current account in a Scheduled Bank and authorized the office bearers to manage this account. Furthermore, it was agreed that any two of the following members can sign the necessary documents for bank transactions: G. Venkatesh (President), P. Nagaraju (Secretary), K. M. Raghavendran (Treasurer).

Regarding the office of KPA, permission was granted by the Chairman of the Indian Academy Group of Institutions to use the premises of the Indian Academy PU College, located at 9th Main, 10th Cross, Hennur Cross, Hennur Main Road, Kalyan Nagar, Bengaluru – 560 043.

The registration process commenced on March 12, 2022, with promoters sharing their experiences at Vijaya College, Basavanagudi. Out of the 17 proposers, four were nominated as office bearers, while the others became Executive Committee (EC) members until the next General Body meeting/election.

KPA received official registration under the Karnataka Societies Act 1960 on March 24, 2022, with Registration No. DRB2/SOR/210/2021-2022.

A bank account was opened at State Bank of India, Hennur Main Road Branch, Bengaluru – 43, under the name "KARNATAKA PHYSICS ASSOCIATION A/C 40987597049" with IFSC: SBIN0014933. The PAN Card for the association is AAJAK9378B.

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## Chapter 2: EC and OB Meetings

The following EC and OB meetings were conducted to discuss various important matters and resolutions:

**1. EC Meeting (April 30, 2022):** This meeting, held at the Department of Physics, Central College, covered several key resolutions and decisions:

- i) Planning the Inauguration of KPA
- ii) Scheduling special lectures on the first Saturday of each month, either online or offline.
- iii) Intensifying membership drive efforts.
- iv) Inviting the Higher Education minister to the Inauguration, if possible.

**2. Office Bearers Meeting (September 15, 2022):** The office bearers met at Central College and resolved to:

- i) Conduct training sessions for High School teachers.
- ii) Create a banner for KPA.
- iii) Publish an E-Journal, with Prof. B. A. Kagali, Prof. S. P. Basavaraju, Prof. S. Somasekara, and Prof. M. R. Nandan as editors.
- iv) Organize a seminar on the National Education Policy (NEP).

**3. EC Meeting (October 22, 2022):** Held at National College, Basavanagudi, this meeting featured discussions on various topics, including the E-Journal. It was also resolved to extend honorary membership invitations to distinguished individuals, which were accepted by Prof. A. S. Kiran Kumar, Prof. P. Venkataramaiah, Prof. B. G. Mulimani, and Prof. K. Siddappa. The meeting also decided to pay lecture fees for non-KPA members (Rs 1500.00) and travel expenses for KPA members (Rs 1000.00) participating in lectures organized by KPA.



**4. EC Meeting for KPA Website (November 29, 2022):** A meeting focused on finalizing the KPA website was conducted at National College, Basavanagudi. Mr. K. R. Naveen a website developer who is also KPA life member, presented the website model. Members made suggestions for the website, and discussions regarding the inclusion of a newsletter in the website was also discussed.

**5. Office Bearers Meeting (January 28, 2023):** This meeting, held at the National College, Basavanagudi, reviewed the corrected website version and planned its launch on February 09, 2023, at MES Degree College, Malleswaram. It was decided to invite Prof. Tarun Souradeep, the Director of RRI, as the Chief Guest/Invited Speaker for the launch event.

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### Chapter 3: Inauguration of KPA & Launch of KPA Website

Karnataka Physics Association was inaugurated on July 27, 2022, at Nrupatunga University (formerly Govt. Science College). The inauguration ceremony featured Padmasri A. S. Kiran Kumar, former Chairman of ISRO, as the chief guest, with Prof. Shrinivasa Balli, Vice Chancellor of Nrupatunga University, as the guest of honor. Prof. G. Venkatesh presided over the event. Dr. Kiran Kumar emphasized the need for such associations to promote science, especially physics, across Karnataka. In his talk titled “SPACE – The Fourth FRONTIER” he delved into various aspects of space science such as space-space observation, GEO/LEO satellites, Launch vehicles, cyclone, weather prediction in tropical region and space travel. Prof. Srinivasa Balli and Prof. G. Venkatesh also spoke, emphasizing the importance of KPA's mission. Prof P Nagaraju, thanked the guests and the gathering. KPA acknowledges the efforts of Nrupatunga University for hosting the event.

Following the formal inauguration, KPA members discussed the association's future programs.

The KPA website [karnatakaphysicsassociation.in](http://karnatakaphysicsassociation.in) was launched at MES Degree College, Malleswaram, on February 9, 2023. The event was graced by Prof. Tarun Souradeep, Director of Raman Research Institute, as the Chief Guest, who also delivered a talk on “Driven by quest-Gravitational Wave Science”. Prof.G.Venkatesh, President of KPA, provided an overview of KPA's activities, and Principals, staff and students from both UG and PU colleges attended the event.

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## Chapter 4: Activities

KPA engaged in numerous activities throughout 2022-2023, which were received with great enthusiasm by teachers and students at various schools and colleges.

**1. National Science Day Celebrations** (February 28, 2023): Sindhi College, Kempapura, Bengaluru, hosted National Science Day celebrations. Sri Hiriyanna, former Scientist ISRO, was the chief guest. He held an interactive session on “Science and Mathematics in daily life”. Prof. G. Venkatesh spoke about the significance of National Science Day and Raman's contributions. Dr. B. S. Srikanta, Director of Sindhi College, discussed KPA and its objectives. KPA appreciates and acknowledges the efforts of Sindhi College, for hosting the event.

**2. International Day of Light Celebrations** (May 16, 2023): Maharani's Women's Science College partnered with KPA to celebrate the International Day of Light. Prof. G. Venkatesh spoke on about light and light based technologies, while Prof. S. P. Basavaraju delivered a lecture on lasers and their applications. The faculty members and students of UG and PG department of Physics were present. KPA records its appreciation to Maharani's Women's Science College, for partnering with KPA and hosting the event.

**3. Workshops (May 2022 - March 2023):**

KPA conducted several workshops during this period, including sessions at local schools, online lectures, and outreach events aimed at both students and teachers. KPA places on record its deep sense of appreciation to the members who enthusiastically organized and participated in these events.

**4. Summer School at Government High School, Hosagavi Town (May 7, 2022):** Prof. G. Venkatesh, Prof. B. A. Kagali, and Prof. P. Nagaraju served

as instructors during the summer school held at Govt High School in Hosagavi Town, Maddur Talik on May 7, 2022.

**5. Science Demonstrations at Govt High School Mathur (July 4, 2022):**

Prof. G. Venkatesh, Prof. S. Somasekara, Prof. P. Nagaraju, along with Agastya staff and equipment, conducted engaging science experiments for students at Govt High School in Mathur, near Devanahalli, on July 4, 2022.

**6. Science Experiments at G S English High School (August 22, 2022):**

Prof. B. A. Kagali and Prof. P. Nagaraju conducted captivating science experiments for students at G S English High School in Bapujinagar, Bengaluru, on August 22, 2022.

**7. Online Talk on Quantum Information Science (October 12, 2022):**

Dr. S. Somashekara delivered an enlightening online lecture titled "Experiments with Entangled Photons: Establishing the Violation of Bell Inequalities and Pioneering Quantum Information Science" on October 12, 2022, an interactive session with teachers from Maharashtra at Agastya Foundation, Kuppam Campus on October 12, 2022.

**8. Lectures on Nobel Prizes in Physics 2022 (November 10, 2022):**

Lectures on Nobel Prizes in Physics 2022 (November 10, 2022): Prof. G. Venkatesh and Prof. S. Somasekara presented lectures on the Nobel Prizes in Physics 2022 at SDC College in Kolar on November 10, 2022.

**9. Lecture on Sir CV Raman's Life and Works (November 12, 2022):**

On November 12, 2022, Prof. K. M. Raghavendran delivered a lecture on the life and works of Sir CV Raman, followed by captivating demonstrations of optical phenomena such as scattering and polarization at MES Kishora Kendra Primary and High School in Malleswaram, Bengaluru, for students in the 9th and 10th grades.

**10. Interactive Session at Government High School, Halagur (December 26, 2022):** Prof. G. Venkatesh, Prof. S. Somasekara, and Prof. S. P. Basavaraju visited Government High School in Halagur, Maddur Taluk, on December 26, 2022, where they interacted with the students in an engaging session.

**11. Interaction with Students at Goutham Rural School (January 28, 2023):** Prof. A. G. Kulkarni and Prof. Somasekara engaged with students at Goutham Rural School in Bande Kodigehalli on January 28, 2023, fostering an interactive learning experience.

**12. Judges at National Science Day Competitions (February 25, 2022):** Prof. S. P. Basavaraju and Prof. S. K. Nataraju served as judges at the National Science Day competitions held by CreActive in Gauribidanur on February 25, 2022.

### **Workshops: April 2023 onwards**

**1. Summer School at Government High School, Hosagavi Town (April 29, 2023):** Professors B. A. Kagali, P. Nagaraju, and R. S. Geetha served as resource persons for a summer school program at Govt High School in Hosagavi Town, Maddur Taluk, on April 29, 2023.

**2. Dr. S. Somasekara** gave an online talk on “Nature of Light, Light Technologies and Light therapy” to High School Teachers of Maharashtra State on May 20, 2023.

**3. Co-Sponsorship of the 100th Lecture by CreActive (July 2, 2023):** KPA co-sponsored the 100th lecture organized by CreActive, held in offline mode at Karnataka Open University, Mysore, on July 2, 2023. Professors G. Venkatesh, B. A. Kagali, and P. Nagaraju attended the program in person.

**4. Workshop for High School Teachers (July 13, 2023):** KPA, in collaboration with M. S. Ramaiah Pre University College, conducted a workshop for high school teachers at M. S. Ramaiah Pre University College on July 13, 2023. Professors G. Venkatesh, B. A. Kagali, P. Nagaraju, and B. S. Achutha served as resource persons. The workshop was an interactive session with experimental demonstrations, attended by approximately 50 high school and pre-university teachers from both government and private schools and colleges. The feedback for this workshop was highly positive, with some participants expressing interest in inviting KPA to their schools.

**5. Judging Quiz and Lecture Competition (July 28, 2023):** Prof G Venkatesh and Prof S P Basavaraju were the judges for the models/ Posters making competitions by the students on the “successful Lunar mission”, organized at Sri G Hallikeri First Grade College, Haveri on 28<sup>th</sup> July 2023

**6. Science Experiments at JSS High School, Banashankari (August 4, 2023):** Professors B. A. Kagali and P. Nagaraju conducted captivating science experiments at JSS High School in Banashankari, Bengaluru, on August 4, 2023.

**7. Science Demonstrations for Kannada Medium Students (August 11, 2023):** Professors B. A. Kagali and P. Nagaraju conducted engaging science experiments tailored for Kannada medium students at JSS High School in Banashankari, Bengaluru, on August 11, 2023.

**8. Lectures by Prof. G. Venkatesh:** Prof. G. Venkatesh delivered lectures on various topics at different institutions:

- "Niels Bohr and First Quantum Revolution" at AES National College, Gauribidanur, on February 10, 2023.

- "Niels Bohr and First Quantum Revolution" at Indian Academy Degree College, Hennur Cross, Kalyan Nagar, on November 7, 2023.
- "Makers of 20th Century Physics" at Govt First Grade College, Vijayanagar, Bengaluru, on July 4, 2023.
- "Max Planck to Paul Dirac: The Story of Quantum Mechanics" at National College, Bagepalli, on August 2, 2023.

**9. Talk on the Life of Sir C V Raman (August 2, 2023):** Prof. S. P. Basavaraju delivered a talk on the life of Sir C V Raman at National College, Bagepalli, on August 2, 2023.

**10. Notable Contributions:** KPA Founder members Dr. M. S. Jogad from Kalaburgi, Sreenath K. R. from Bengaluru, and Sai Venkataraman from Bengaluru remain actively engaged, conducting both online and offline events on a weekly basis. Additionally,

B. S. Krishnamurthy, a life member of KPA from Mysore, is making commendable efforts to popularize mathematics among school children.

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# INDIAN ACADEMY

Degree College - Autonomous

**DEPARTMENT OF PHYSICS**

**&**

**KARNATAKA PHYSICS ASSOCIATION**

Organizes

**Special Lecture by**

**Celebrating the Centenary of**

**NOBEL PRIZE  
TO  
NEILS BOHR**



***Resource Person***

**Dr. G Venkatesh**

Former Principal, IADC



**MONDAY, 07<sup>TH</sup> NOVEMBER 2022**

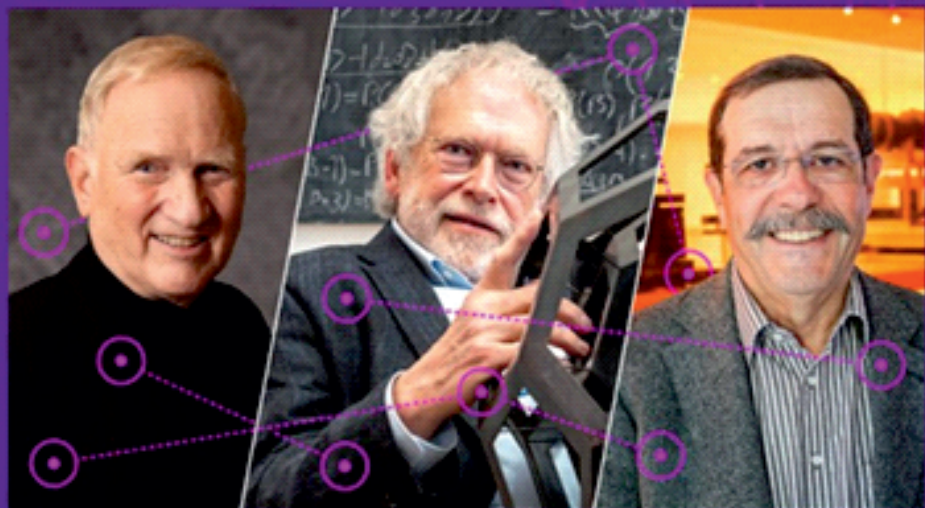


**2:00PM**

**BOHR & FIRST QUANTUM REVOLUTION**



# 2022 NOBEL PRIZE in PHYSICS



John.F.  
Clauser

Anton  
Zeilinger

Alain  
Aspect



## KARNATAKA PHYSICS ASSOCIATION ESTD 2022

An Interactive Session for PUC Students



### Resource Persons



Lecture 1: **Dr. G. Venkatesh**, President, KPA  
Niels Bohr and First quantum Revolution

Lecture 2: **Dr. S. Somasekar**, Member, KPA  
Quantum Entanglement

**Venue : Auditorium, SDC College, Kolar**

Date: 10-11-2022

Time: 2:30 pm

# SCIENCE EXPRESS

Zoom link

On Saturday  
14/01/2023  
3:00 - 4:00PM

Ms. Ks

## Abstract:

Science communication is the need of the hour, Science communicators bridge the gap between scientists and the common man. In today's technological era, mediums of expressions have many dimensions. Comprehending and exploring the possibilities of science communication in today's world plays a very important role in developing scientific temper and differentiate between fact from fake news and pseudo science.



Live streaming on our YouTube channel CreativeGBD



[Creative GBD](#)



[creative team](#)



[Creativeteam](#)



# A VIRTUAL TALK ON, SCIENCE COMMUNICATION- DIMENSIONS & DIMENSIONS

Meeting ID <https://us06web.zoom.us/j/89526064520>

Meeting ID: 89526064520 Passcode: 80

Speaker,  
**Shama.V.Bhanuprakash**  
Science Writer & Educator  
Vidyashilp Academy  
Bangalore



Website - [creative.org.in](http://creative.org.in)



[info@creative.org.in](mailto:info@creative.org.in)



***Teachers Training program at M S Ramaiah PU College,  
Bangalore***



***Launch of Website of KPA on 09.02.2023  
at MES College of Arts Commerce and Science  
<https://karnatakaphysicsassociation.in>***



***National Science day celebrations at Sindhi College,  
Bengaluru on 28.02.2023***



***Dr. G.Venkatesh, Dr.S.Shomashekar and  
Dr. S P Basavaraju interacting with school students at Halagur***



**PART – II**  
**AUDITED STATEMENT OF ACCOUNT**  
**2022-23**







**AUDIT REPORT**

To The Members of  
Karnataka Physics Association, Bangalore

We have examined the attached Financial Statements of **KARNATAKA PHYSICS ASSOCIATION** (referred to hereinafter as "the Association"), which comprise of the Balance Sheet as at 31 March 2023, the Income and Expenditure Account for the first period from 24th March 2022 till 31st March 2023 which are in agreement with the books of account maintained by the Association.

Preparation of these financial statements is the responsibility of the management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit as per auditing standards generally accepted to obtain reasonable assurance about whether financial statements are free of material misstatement.

We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of the audit. In our opinion, proper books of account have been kept by the Association.

In our opinion and to the best of our information and according to the explanations given to us, the aforesaid financial statements give a true and fair view in conformity with the accounting principles generally accepted in India,

- (i) in the case of the Balance Sheet, of the state of affairs of the Association as at 31<sup>st</sup> March 2023 and
- (ii) in the case of the Income and Expenditure Account, of the deficit of income over expenditure for the first period ending on that date.

**UDIN: 23025894BGTSYF3233**

For Nainegli & Co  
Chartered Accountants  
(FRN # 002297S)

CA. Mallinath Nainegli  
Proprietor, Membership # 025894  
Bangalore, 31st August 2023



# Karnataka Physics Association ®

Indian Academy Pu College Campus 9th Main Road, Hennur Cross Sarvagnanagar, Bangalore - 560043

## INCOME & EXPENDITURE ACCOUNT FOR THE FIRST PERIOD FROM 24-03-2022 TO 31-03-2023

| Expenditure                   | Amount        | Income                        | Amount        |
|-------------------------------|---------------|-------------------------------|---------------|
| To Inauguration Expenses      | 6,600         | By Student Memb. Fees         | 450           |
| " Conveyance                  | 2,300         | " Donation Received           | -             |
| " Honors to Guests            | 1,514         |                               |               |
| " Bank Charges                | 532           |                               |               |
| " Meeting Expenses            | 3,818         |                               |               |
| " Postage and Courier         | 250           |                               |               |
| " Printing and Stationery     | 37,455        |                               |               |
| " Prizes and Awards           | 5,110         |                               |               |
| " Registration Expenses       | 20,000        |                               |               |
| " Website Expenses            | 12,748        |                               |               |
| " Surplus of Income Over Exp. | -             | " Deficit of Income Over Exp. | 89,877        |
| <b>Total</b>                  | <b>90,327</b> | <b>Total</b>                  | <b>90,327</b> |

## BALANCE SHEET AS AT 31-03-2023

| Funds                          | Amount          | Assets                        | Amount          |
|--------------------------------|-----------------|-------------------------------|-----------------|
| <b>A. Corpus Fund</b>          |                 | <b>Cash and Bank Balances</b> |                 |
| Founding Members' Contribution | 1,10,000        | Cash on Hand                  | 3,877           |
|                                |                 | Balance in SBI Bank           | 80,246          |
| <b>B. Membership Funds</b>     |                 | <b>Reserves and Surplus</b>   |                 |
| Institutional Membership Fees  | 20,000          | Deficit of Income Over Exp.   | 89,877          |
| Life Membership Fees           | 44,000          |                               |                 |
| <b>Total</b>                   | <b>1,74,000</b> | <b>Total</b>                  | <b>1,74,000</b> |


### Notes and accounting policies forming part of the accounts

- 1) The accounts are prepared under historical cost convention and evaluated on a going concern basis with revenue recognised and expenses accounted generally on cash basis. As the student membership is for temporary period till the completion of education, the same is taken to income in the year of receipt.
- 2) The financial statements have been prepared in conformity with generally accepted accounting principles.
- 3) Karnataka Physics Association is registered as Society on 24-03-2022 with the main objective of promoting of physics education at different levels among other objects for the benefit of scientific community, students and general public.

UDIN: 23025894BGTSYF3233

For Karnataka Physics Association

As per Audit Report of even date, enclosed  
For NAINAGLI & CO  
Chartered Accountants

  
Venkatesh G  
President  
Bangalore, 31-08-2023

  
Nagaraju P  
Secretary

  
Raghavendran K.M.  
Treasurer

  
Mallinath Nainagli  
Proprietor  
Bangalore, 31-08-2023





***The Registration process was initiated on  
March 12, 2022. at Vijaya College, Basavanagudi, Bengaluru***



***Dr. P Nagaraju and Dr. Basavaraj Kagali giving a lecture  
demonstration at GSS High School Bapujinagar on 11th August 2023  
for Kannada medium students.***



THE NATIONAL EDUCATION SOCIETY OF KARNATAKA (R)



# A.E.S.NATIONAL DEGREE COLLEGE

Gauribidanur

**Department of Physics**  
in association with KPA organised  
a special lecture on,



## Niels Bohr

## &

## First Quantum Revolution



### Dr. G. Venkatesh

President KPA, Principal (Retd)  
A.E.S.National College, Gauribidanur



**Date: 10/02/2023**

**Time: 11:00 AM**

Venue: Library Reference Hall  
AES National Degree College  
Gauribidanur

**Livestreaming On Facebook**

<https://www.facebook.com/AESNCedu>