

# **ANNUAL REPORT 2023-24**



**Arignar Anna  
Government Arts and Science College,  
Karaikal - 609 605 U.T of Puducherry.**





## **Arignar Anna Government Arts and Science College**

Nehrunagar, Karaikal- 609 605

### **Annual Day Report 2023-24**

#### **INTRODUCTION**

Respected dignitaries on and off the dais, faculty members, office staff and students, I am standing before you to present the 55<sup>th</sup> Annual Day Report.

The 14th day of July 1967 marked a significant and initial landmark in the progress of higher education in Karaikal region of the Union Territory of Puducherry when the Modern College affiliated to the University of Madras was inaugurated by His Excellency Thiru S.L. Silam, the then Lieutenant-Governor of Puducherry. The BA/B.Sc. degree courses in Economics, Mathematics and Chemistry (major subjects) were started in July 1968. In December 1969 the college was re-named as Arignar Anna Government Arts College at once imparting a new significance and dimension to the ideals for which the college stands, as well as with a view to commemorate the name of the great leader 'PERARIGNAR ANNA'. It has become a full-fledged degree college during the academic year 1970-71. Currently, our College offers 10 undergraduate (UG) Courses. There are 981 students studying in UG courses in total.

There are 71 faculty members working in our college. Among the faculty members, 37 of them have acquired Ph.D Degrees.

#### **DEPARTMENT OF PHYSICS**

The Department of Physics, Arignar Anna Government Arts and Science College, Karaikal has four staff members including Head of the Department having UG programme. At present, total 32 UG (Main & Allied) students are enrolled in our Department. The summary of the Department activities in this academic year 2023-24 are as follows:

##### **1. Results:-**

Sl. No.	Course	Year	Result
1.	B.Sc.	Pass out (Batch 2020-23)	90 %
2.	B.Sc.	I	I Sem result not yet declared

## 2. Rank holder list:-

Sl. No.	Course	Year	Name of the student	Reg. No.
1.	B.Sc.	Pass out (2023)	NIVEDHA. S	20PH0008

## 3. University Medals:- -NIL-

## 4. Department achievements:-

### Faculty Achievements

#### I. Publications -NIL-

#### II. Symposium/Conference/Seminars/Invited talk:-

##### (a) Dr. Rajeev Singh:

- (i) Participated two day National workshop on “Materials for Green energy Technologies (MAGNET-2024)” organized by SCANMAT Centre, Central University of Tamilnadu from 21 to 22 Feb 2024.
- (ii) Delivered an invited talk as a recourse person on the topic “Indian Knowledge System (IKS) – Imprints of Modern Science in Ancient Literature” in ‘7 Days National Level FDP on Innovation Through Tradition’ organized by RVS College of Arts and Science, Coimbatore in association with Research activity, Shiksha Sanskriti Utthan Nyas, Tamilnadu on 07.01.2024.
- (iii) Presented a research paper entitled, “A Study Based on Density Functional Theory on the Nanostructured Thermal Donors in Czochralski (CZ) Silicon” in the International Conference on “Innovation in Science and Technology for Sustainable Development (ISTSD-2023) organized by Department of Science, Maharishi School of Science and Humanities, Maharishi University of Information Technology, Lucknow from 21 to 23 Nov 2023.
- (iv) Participated in the International Symposium on “Innovative Pedagogies in Interdisciplinary Perspective in NEP 2020: Case Study Method” organized by Maharishi University of Information Technology, Lucknow from 05 to 06 Oct 2023.

(b) **Mr. S. P. Enoch Rajesh:** Presented a research paper entitled, “Feshbach resonance management in Bose-Einstein condensate” in the International Conference ‘Complexity and non-linear dynamics in STEM’ organized by IIT, Hyderabad from 05 to 07 June 2023.

#### III. Project Proposal:- -NIL-

#### IV. Orientation/Refresher/FDP/Summer or Winter School etc:-

##### (a) Dr. Rajeev Singh:

- 1) Completed one Refresher Course in Physics organized by UGC-HRDC, Kumaun University, Nainital, Uttarakhand from 18.09.2023 to 03.10.2023.

2) Completed 7 days FDP programme on “Contemporary and Innovative Teaching Pedagogy and Essential Skills for Educators” organized by Maharishi University of Information Technology, Lucknow from 24.07.2023 to 31.07.2023.

(b) **Mr. S.P. Enoch Rajesh:** Completed one Refresher Course in Physics organized by UGC-HRDC, Kumaun University, Nainital, Uttarakhand from 18.09.2023 to 03.10.2023.

### V. Students’ Achievements

1. Students have participated in various events Workshop by Nehru Yuva Kendra, Karaikal; NSS; YOGA; Entrepreneurship workshops etc.
2. Students have participated in ‘International Coastal Clean-up Day Programme’ under ‘Swachhh Bharat Mission’ in association with NSS volunteers on 16.09.2023.
3. Extended volunteering services in one day National Conference on ‘Emerging Materials and Computational Techniques – 2023’ sponsored by ISPA, Puducherry organized by Dr. Kalaignar M. Karunanidhi Govt Institute for Postgraduate Studies and Research, Karaikal on 29.09.2023.

### DEPARTMENT OF MATHEMATICS

The Department of Mathematics has been bifurcated into under graduate department and post graduate department. The under graduate department is continuing in AAGA & S college after its establishment in the year 1968. Now the department is functioning with two faculties. One student Jatin Chaudhary of III year B.Sc. Maths has represented the kabaddi team of Pondicherry University and also he has won first prize in beach kabaddi match, conducted by our district administration. The department has a pass percentage of 67 in the 2020-batch, with one girl was selected and joined TCS, Chennai.

### DEPARTMENT OF CHEMISTRY

S.No	Event Organized/Activities	Name	Achievements
1.	Industrial Visit (B.Sc Chemistry) 17/10/2023	Department of Industries and Commerce (Kottucherry rural industrial estate)	To get hands on information & practical knowledge about manufacturing of daily used products from small scale industries
2.	Special Achievements of the Faculty Members (including Publications with details)	<b>Dr. Punnagai Munusami</b>	<b>1. Resource Person:</b> One day national level Seminar on “Advanced in Chemistry & Microbial Research: A computational Methods and its Application” organized by Vivekananda College of Arts & Science for women, Sirkali,

			Mayiladuthurai District on 31 <sup>st</sup> , August 2023.
			<b>2. Resource Person:</b> Gender Sensitization Awareness Program organized by School of Allied Health Sciences, Vinayaka Mission’s Research Foundation, Karaikal on 8 <sup>th</sup> February 2024.
			<b>3. Resource Person:</b> One day International Conference in Material Science organized by E.G.S Pillay Arts & Science, Nagapattinam on 15 <sup>th</sup> March.
3.	Achievements of Students	Thaarani.A II B.Sc	First place in Intercollegiate dance competition conducted in NIT, Karaikal
4.	Out gone Result	III B.Sc	92%

## DEPARTMENT OF COMPUTER SCIENCE

Computer Science students have participated in the **Intercollegiate IT Fest**, conducted by Don Bosco College of Arts and Science, Thamanankudy, Karaikal and won some prizes.

Computer Science Students attended the **Job Fair at Puducherry**, conducted by Govt. of Puducherry at Women’s Engineering College, Lawspet, Puducherry.

J.JAGADEESAN, Asst. Professor and HOD

- Published an article entitled “**Federated Learning Case Study: Exploring Applications**” in book Applications of AI Emerging Research and Education, Volume - II, IQAC Annamalai University, Chidambaram, ISBN : 978-81-965582-7-7, September 2023
- Presented a Paper entitled “**Embarking on a new journey of Federated Learning and TensorFlow Framework**” in an International conference on Computational Intelligence and its Applications organized by PG & Research Department of CS, A.V.C. College, Mayiladuthurai on March 9, 2024.

## DEPARTMENT OF ZOOLOGY

The final year BSc Zoology students have attended a regional workshop on Sustainability of Marine fisheries in the south east coast of India on 7/02/24 organized by Fisheries survey of India in collaboration with directorate of fisheries and fishermen welfare, Karaikal.

Our department has organized an invited lectures on topics “Various fishing methods, tagging and marking”; “Marine biodiversity” on 07 March 2024.

A total of 39 students have appeared for the university examination 2023, out of which 46 % of the students have qualified for higher studies.

## DEPARTMENT OF BOTANY

**Dr.Kathirvelu Sambandan**, Assistant Professor in Botany,

### 1. Papers Presented in International Conferences - 01

**Sambandan, K., 2024.** “*Arbuscular Mycorrhizal profiles of costal trees: a study from Karaikal district, U.T of Puducherry*” presented in International Conference on Biodiversity, Biotechnology and Bioprospects of Fungi for Agricultural, Industrial and Environmental Sustainability Organized by **Centre for Advanced Studies in Botany, University of Madras**, Guindy Campus, Chennai-600025, Tamil Nadu from 06.03.2024 - 08.03.2024

Acted as **Chairman in a Technical Session** in the International Conference on Biodiversity, Biotechnology and Bioprospects of Fungi for Agricultural, Industrial and Environmental Sustainability Organized by **Centre for Advanced Studies in Botany, University of Madras**, Guindy Campus, Chennai-600025, Tamil Nadu from 06.03.2024 - 08.03.2024

### 2. Papers Presented in National Conferences - 02

**Sambandan, K., 2023.** “*Catalysing Women’s Empowerment: Entrepreneurship in Biological Sciences in the Indian Context*” presented in the National Seminar on Women Empowerment through Entrepreneurship – Opportunities and Challenges held at Department of Economics, Arignar Anna Govt Arts and Science College, Karaikal, U.T of Puducherry 26 and 27<sup>th</sup> October 2023.

**Sambandan, K., 2023.** “*Molecules Vs Biomolecules in the age of computer Science*” presented in the National Conference on Emerging Materials and Computational Techniques – 2023 (NCEMCT – 2023) held at Department of Physics, Arignar Anna Govt Arts and Science College, Karaikal, U.T of Puducherry on 29<sup>th</sup> September 2023.

### 3. Workshops - 01

**Sambandan, K., 2023.** Attended the Workshop on The “*Dynamics of Mangrove Restoration in the Eastern Coast of South India*” organized by Nature Environment & Wildlife Society, Kolkata on 29<sup>th</sup> September at Karaikal, U.U of Puducherry.

### 4. Crash Courses - 01

One Week Crash Course on “*Environmental Studies*” (EVS) For First year Students From 06-07-2023 to 12-07-2023.

### 5. Lectures - 01

A lecture on “*Millets*” for college students at a programme organized by Nehru Yuva Kendra, Karaikal District on 05-03-2024 at AAGASC, Karaikal.

### DEPARTMENT OF TAMIL

Tamil Department Tamil Ilakkiya Mandram Conducted a Program on International Mother Language Day on 21st February 2024. Third Year UG Tamil department students presented their speech. Selvi. A. Sivapriya and Selvi. G. Agalya of III BA Tamil, participated in a Pattimandram, “Samooga Porulathaara Munneraththil perum pangu atrupavargal Aangalae! Pengalae! conducted by Karaikal Block Development Office, at Arignar Anna Govt. Arts and Science College Seminar Hall on 26.02.2024.

Selvi. G. Agalya and Selvi. A. Sivapriya of Third Year BA Tamil, participated as Resource Persons (solo speech) in the workshop on Gender equality conducted by Karaikal Block Development Office, from 01.03.2024 to 08.03.2024.

Tamil department HOD Dr. V. Rajeswari presented a speech on “Importance of Multilingual education”, in the World Mother Language Day celebrations conducted by Department of English, AAGA&SC on 21.02.2024.

Tamil Department Assistant Professor Mr. Md.Asan Maraicar received ‘KALAI RATHNA AWARD’ from Pudukkottai Arasu Kalaimaamani Viruthaalar Sangam for the year 2023.

### DEPARTMENT OF FRENCH

Mr. Ravi Shankar Kumar, Assistant Professor in French presented a paper under the title of ‘**Conservation Propagation et Traduction du folklore indien**’ (20-21 May 2023) at Chandernagore College, West Bengal. He presented another paper entitled ‘**Les idéologies des traducteurs et la représentation de la culture source dans le contexte du folklore indien**’ (18-20 January 2024) at Banaras Hindi University. He also got a paper published entitled ‘**Un aperçu des œuvres de Premchand traduites en français**’ in Charaiveti journal.

### DEPARTMENT OF HINDI

Mr. Rudra Pratap Singh has completed a Refresher Course in Online mode from the HRDC, Banaras Hindu University in the month of January 2024. He has published a chapter with the title “Ramacharitmanas Aur Vaishwik Jeevanmulya” in a book *Vishwasahitya Mein Sriram* in February 2023. He has also published another chapter titled “Adhunik Hindi Kavitaon mein Rashtriya Loktatvonka ka Bodh”. Mr. Rudra Pratap Singh has presented a paper entitled “Bhaktikalin Kavyon Mein Krishak Jiwan” in an International Seminar organized by the Department of Hindi, Central University of Tamil Nadu, Thiruvarur on 12<sup>th</sup> August 2023.

### DEPARTMENT OF ECONOMICS

S. Arulazhagan, Assistant Professor of Economics presented a paper in ICSSR sponsored National Seminar on the topic “Agricultural Investment to Empower Rural Women Cultivators and Labourers”.

S. Arulazhagan, Assistant Professor of Economics participated in online NEP Orientation and Sensitization programme organized by UGC Malaviya Mission Teacher Training Centre, Pondicherry University.

Miss. Dhanya, Assistant Professor of Economics awarded a 4 credit SWYAM online course certificate on Gandhiji's Economic Thought offered by Dr. G.V. of Indira Gandhi National Open University.

S. Arulazhagan, Nimain Charan Swain, Rabikan Singh, Dr. B. Sumathi and Miss. Dhanya acted as a coordinating committee members in Two Day ICSSR sponsored National Seminar on "Women Empowerment through Entrepreneurship: Opportunities and Challenges organized by Department of Economics, Arignar Anna Government Arts and Science College, Karaikal.

Dr. B. Sumathi has presented a paper on "Problems and prospects of women entrepreneur in south Tamil Nadu-A study" in ICSSR sponsored seminar conducted by Arignar Anna Govt. Arts and Science college. She has been awarded by Medical Directorate of health department Karaikal, for best performance of the Blood donation camp conducted in Arignar Anna Govt. Arts and Science College.

### **DEPARTMENT OF ENGLISH**

The department has organized an Elocution Competition in English in the college on the topic "Say No to Corruption: Commit to the Nation" in collaboration with GAIL (India) Limited, Karaikal under the Vigilance Awareness Week-2023 on 03<sup>rd</sup> November 2023. Mr. Jawahirullah and Ms. Srimathi studying in the Second Year in the department have both won Third Prize in the Elocution competition.

The Department of English has celebrated *World Mother Language Day* on 21<sup>st</sup> February 2024 on the theme "Multi-lingual Education: A Pillar of Learning and Intergenerational Learning". Dr. V. Rajeswari, HOD, Tamil, Mr. Ravi Shankar Kumar, HOD French, Mr. Rudra Pratap Singh, HOD Hindi have delivered the speeches on the occasion.

Dr. K. Meenatchi, HOD has completed UGC-Sponsored Online Refresher Course in English Language and Literature from 12.07.2023 to 25.07.2023 from HRDC, Bharathidasan University, Tiruchirapalli. She has participated in a Two Day ICSSR sponsored National Seminar on "Women Empowerment through Entrepreneurship: Opportunities and Challenges organized by Department of Economics, Arignar Anna Government Arts and Science College, Karaikal and presented a paper titled "Women Empowerment Leads to Entrepreneurship in Villages".

Mr. Bilyansidha Kallappa Payagonde has attended a Refresher Course in English at HRDC, Pondicherry University from 17<sup>th</sup> August to 30<sup>th</sup> August 2023. He has acted as judge for the debate competition held on the topic "Is Digitalization Making India Corruption Free?" organized by GAIL (India) Limited on 01<sup>st</sup> November 2023.

Mr. S. Gnanaprakasam has completed a Refresher Course in English Literature at Malaviya Mission Teacher Training Centre of Calicut University in the month of October, 2023.

### **DEPARTMENT OF PUBLIC ADMINISTRATION**

The Academic overall result of outgone students is 45%. The Students of Public Administration conducted Mock Parliament in January 2024 on the eve of National Voters Day. The Students are also participated several events conducted at District Level.



Our Students Miss. Gajapriya, Miss. Vinosri, III B.A. Public Administration and Mr. Surya, II B.A. Public Administration participated in Yuva Sangam youth exchange Programme, initiated by Government of India 'EK BHARAT SHRESHTHA BHARAT' held at National Institute of Technology Durgapur, West Bengal from 4<sup>th</sup> to 12<sup>th</sup> May 2023.

### NATIONAL SERVICE SCHEME (NSS)

Sl. No.	Date	Programme	Place	No. of volunteers participated	No. of hours
1	21.06.2023	International Yoga Day	District Indoor Stadium	20	3
2	26.06.2023	International Day against Drug Abuse	District Collectorate	20	3
3	02.07.2023	Maangani Festival	Ammaiyar Temple	20	8
4	09.08.2023	Meri Mati Mera Desh Campaign	College	100	--
5	11.08.2023	Tree Plantation	College Premises	50	2
6	15.08.2023	Independence Day Celebration	College	50	2
7	24.08.2023	Red Run Mini Marathon	District Stadium to Collector's Office	10	3
8	31.08.2023	Mera Bill Mera Adhikar	District Collector's Office	50	3
9	06.09.2023	Campus Cleaning Drive	College Campus	30	2
10	13.09.2023	Campus Cleaning Drive	College Campus	30	2
11	16.09.2023	International Coastal Cleanup day	Kilinjalmeadu Beach	50	3
12	21.09.2023	Herbal Drink Distribution for Dengue Control	College Campus	50	3
13	27.09.2023	World Tourism Day	Thirunallar Temple	30	3
14	01.10.2023	Shramdhaan for swacchatha	College Premises	20	3

15	13.10.2023	Amrit Kalsh Programme	College Premises	50	1
16	13.10.2023	Panch Pran Pledge	College Premises	50	1
17	22.10.2023	Campus Cleaning Drive	College Premises	100	3
18	27.10.2023	Orientation Programme	College Conference Hall	100	3
19	27.10.2023	Drug Abuse and its effects	College Conference Hall	100	1
20	31.10.2023	National Unity Run	College Road	50	1
21	01.11.2023	Liberation Day	College Premises	20	2
22	20.11.2023	National Integration Pledge	College Premises	100	1
23	21.11.2023	Voters Awareness Rally	Collector's Office to New Bus stand	50	3
24	30.11.2023	Meme competition along with ELC	College Premises	50	3
25	20.12.2023	Sanipeyarchi Festival – Traffic and crowd management	Thirunallar	25	8
26	19.12.2023 – 28.12.2023	Adventure Camp at Pongdam, Himachal Pradesh	Himachal Pradesh	2	10 Days
27	12.01.2024	National Youth Day	College Premises	50	1
28	12.01.2024	Telecast of PM Speech	College Auditorium	100	2
29	14.01.2024	Karaikal Carnival, Road show	Road show	20	4
30	25.01.2024	National Voters Day Rally	Thanthai Periyar School to PKCE	20	4

31	25.01.2024	National Voters Day Pledge	College Premises	250	1
32	14.02.2024	Road Safety awareness rally	From Karaikal Bus stand to College	100	5
33	14.02.2024	Campus Cleaning Drive	AAGASC	50	2
34	21.02.2024	Campus Cleaning Drive	AAGASC	50	2
35	27.02.2024	EVM demonstration	AAGASC	500	6
36	05.03.2024	Neighbourhood Youth Parliament	AAGASC	250	6
37	07.03.2024	Integrated Health testing camp	AAGASC	200	6
38	13.03.2024 19.03.2024	NSS Special Camp	Vadamattam	50	7 days

## TRAINING & PLACEMENT CELL

### Training Activities Conducted for Students

1. Three days IBM Skill Development Program organized by our Training and Placement Cell in association with District Administration, Karaikal from 5<sup>th</sup> September to 7<sup>th</sup> September 2023. All the students from our college participated and benefitted from this program.
2. TPC took active part in successful conduct of the **NASSCOM** program on “**Certified Financial Fraud Investigation**” conducted by SkillsDa organized by TPC in association with DHTE, Puducherry from October 2023 to February 2024. Eighty-one final year students of B.Com. and B.Sc. Computer Science from AAGASC and forty-nine final year students of M.Com. and M.Sc. Computer Science of DrKMKGIPGS&R benefited.

### Placement Activities conducted for student's

1. “Mega Job Fair 2023” conducted on 2<sup>nd</sup> December 2023 at our Campus jointly organized by Arignar Anna Government Arts and Science College, Dr Kalaignar M Karunanidhi Government Institute of PG Studies and Research, Karaikal in association with National Career Service Center for SC/ST and Navayuga Consultancy Service, Puducherry. One thousand and five candidates participated in this job fair. Three hundred and eight candidates got selected and placement orders were issued by our then District Collector of Karaikal Dr Kulothungan on the same day.
2. TPC organised the students to attend the campus drive in Women's Engineering College, Lawspet, Puducherry on 31<sup>st</sup> January 2024 in association SkillsDA, in collaboration with the Directorate of Higher Education (DHTE), Government of Puducherry. Eighty-one final year students of B.Com. and B.Sc. Computer Science from AAGASC and forty-nine final

year students of M.Com. and M.Sc. Computer Science of DrKMKGIPGS&R were attended and 30 final year students and join the companies in August.

3. TPC organised a campus drive in association with Suzuki APP Motors on 15<sup>th</sup> February 2024. Forty students were participated and three AAGASC and two DrKMKGIPGS&R students and also one alumini student of Computer Science got an offer letter.
4. An online requirement drive was conducted by QSPIDER ltd. for the final year students. Three final year M.Sc. Computer Science Students got selected on 22<sup>th</sup> February 2024 and will report to duty after the completion of course.
5. Our final year students participated in the interview organised in Avvaiyar Government College for Women Karaikal conducted by Tech Mahindra, six students of Computer Science got selected, the offer letter is yet to be issued.
6. TPC organised a campus drive in association with Lucas TVS on 11<sup>th</sup> March 2024. Forty-four candidates participated and twenty got selected. They can join the company in the month of August 2024.
7. TCS M.Com. hiring for the year of Passing Batch of 2022, 2023 was conducted 8<sup>th</sup> March 2024 at TCS, Chennai. Based on the request made by HR dept. of TCS, TPC took initiative to forward a list of 23 Students (PG Students of DrKMKGIPGSR, PUKC, PG Center Puducherry) one student from PG Center (Ms. Dhanalakshmi) got selected and Placed from March 2024.
8. TPC organised a Carrier Guidance and Confidence Building program for the final year PG Students on 5<sup>th</sup> April 2024. This program was jointly organised by National Career Service Center for SC/ST, Puducherry.
9. TPC organised online placement drive for final year Commerce Students (B.Com. and M.Com.) in association with EduBridge (An Approved Training Partner of NSDC) around 24 students got shortlisted they will be given 59 days training in NSDC approved course for financial inclusion officer. This training program is sponsored by M/s Capgemini under CSR activity.

## NCC

Various activities were carried out by the NCC Company of this institution during the training year 2023-24 as follows:

- **Profile:** The NCC company Arignar Anna Government Arts & Science College, Karaikal having the strength of 100 SD and SW cadets of Army wing under the aegis of 2 (P) Indep Coy NCC, Karaikal and the same is officiated and commanded by one Associate NCC Officer Lieutenant Dr. V. Sivakumar this year he completed his three month PRCN Course in Nagpur, Maharashtra.
- **Result:**
  1. The passing percentage of NCC “C” Certificate Exam is 100%.
  2. The passing percentage of NCC “B” Certificate Exam is 100%.

- **Camp Activities:**

All SD & SW Cadets of this Institution were participated in numerous camps such as ATC, CATC, TSC, RDC and NIC etc during the training year and won the various prizes and awards with due appreciations.

- **Achievements:**

The College NCC Unit secured Best Contigent Award in the Independence Day, Republic Day and Puducherry Libration Day celebrations conducted by District Administration of Karaikal.

- **Social Service Activities:**

Our Cadets are also actively participated in the social service activities such as Blood donation and Tree plantation drive etc. NCC Cadets voluntarily donated the Blood to the Blood bank in GH & VMMC Hospital, Karaikal. Also NCC Unit of this Institution conducted various awareness rallies such as Anti-Tobacco, Anti-Malaria, AIDS awareness Programme, water conservation Rally, Beach Cleaning Programme along with Indian Coast Guard, Karaikal and effectively took part in the Clean India Campaign.