

Sree Narayana College, Kollam

Detailed Annual Activity Report of WalkWith A Scholar – 2019-2020

Walk With A Scholar programme for the year started with the coordinator meeting organized by the Director, DCE, to provide clarity regarding fund transfer procedure of WWS on 11/6/2019 at Loyola College, Sreekaryam. Also the general outline of the programme for the academic year (2019-2020) was also discussed. This was followed by another One Day Coordinator's meet on a Zonal basis at Government Women's College, Vazhuthacaud, Thiruvananthapuram on 29/08/2019 and 30/08/2019. A monitoring committee was formed to manage and monitor the activities of WWS programme of the college. All activities of the WWS programme was presented and approved by the council.

External Mentoring Sessions for First Year

Date	Name of the Mentor	Topic
04-01-2020	M.C Rajilan	Identify top three personal strengths
		Develop three personal strengths
		Goal setting
		Swot Analysis
06-01-2020	Mahesh T	Art of Self development
11-01-2020	Harikrishnan R S	Developing scientific temper
11-01-2020	Akhiles U	How to read and review an academic book
25-01-2020	Adv Sabitha Beegum	Understanding Constitution and democracy

List of the First year WWS students 2019-2020

List of the First year WWS students 2019-2020					
Sl No	Name of student	Permanent address	Course	Plus two marks	Mentor's name
1.	Sabari.G.Das	Theertham Thachodu Muttapalam.P.O Varkala	B Sc,Zoology	955	Nisha.V.S
2.	Subhalakshmi	Kunnil veedu Mukkattukunnu Chirakkarathazham. P.O Kollam	B Sc,Zoology	1136	Nisha.V.S
3.	Anandhu.V. Nadh	Nadh Bhavan Kudicodu Nedumoncavu.P.O Kollam	B Sc Zoology	981	Nisha.V.S
4.	Lekshmi Pramod	Lekshmi Bhavan Kannimelcherri Arsha Nagar 10 B	B Sc Zoology	1068	Nisha.V.S

		Kavanad.P.O Kollam			
5.	Babitha Sreedhar	Aayirathil Kuthirapanthy.P.O Thazhava Karunagapally	B Sc Zoology	880	Nisha.V.S
6.	Fathima Navas	Thangalazhikam Purayidam Sneha Nagar Beach North Cutchert.P.O Kollam	B Sc Zoology	1045	Nisha.V.S
7.	Santhra Subash	Eswricha Akshara Nagar, 62 A, Kureepuzha, Kavanadu, Kollam	Botany and Biotechnolog y	94%	Nimi Muraleedharan
8.	Reji Rajendran	Lekshmanasseril,M ekkathil Pada, South Karunagapally	Botany and Biotechnolog y	92.33%	Nimi Muraleedharan
9.	Sreelekshmi S	Utradam poyikayil, Puliyila Nallila PO, Kollam	Botany and Biotechnolog y	93.5%	Nimi Muraleedharan
10.	Saniga S Kumar	Saniga Bhavan, Kudikkode, Nedumonkavu P O., Kollam	Botany and Biotechnolog y	92.15%	Nimi Muraleedharan
11.	Anu Krishna K. R.	House no.2, Maheswari Mansion, behind Canara Bank, Thamarakulam, Kollam	Botany and Biotechnolog y	92.17%	Nimi Muraleedharan
12.	Parvathy R.	Ettekkal, Padinjarethara pada- south, Karunagapally	Botany and Biotechnolog y	88.33%	Nimi Muraleedharan
13.	Lakshmi Pradeep	S.P Bhavan, Kottakkeram, Parippally, Kollam.	I Botany	92.5%	Dr. Preetha.P.S
14.	Gopika Krishnan P.G	VelivilaVeedu, Kottackakom,Perin ad,Kollam	I Botany	91%	Dr. Preetha.P.S
15.	Dhanesh P.R	MadanvilaVeedu,P erumpuzha.P.O Kollam	I Botany	90%	Dr. Preetha.P.S
16.	SreeResmi J.S	SreeVishakham, KarinattuThekkathil ,Kannimel Cherry, Kavanad.P.O,Kolla m	I Botany	84.56%	Dr.Preetha.P.S
17.	LekshmiVijay an	VijayaBhavanam, Manappally North, Thazhava	I Botany	84%	Dr. Preetha.P.S
18.	Saju.B	ThekkekkottuvilaVee du,Nalanda Nagar	I Botany	82%	Dr. Preetha.P.S

		107, Ayathil, Kollam			
19.	APARNAKRISHNAN	Meenathuvila Kizhakkathil Punukkonnor Alummoodu .P. O. Kollam	BA History	1091	JAYANTHY. S
20.	DEVAPRIYA . S. KAIPPALLY	Kaippallyil, Perumpuzha P.O. ,Kundara	BA History	1152	JAYANTHY. S
21.	POOJA REGHUNATH	Poojanivas Erattukulangara Kilikolloor Kallumthazham.P. O Kollam	BA History	1072	JAYANTHY. S
22.	RAHUL	Kadapuzha veedu Thazham East Kallada 691502	BA History		JAYANTHY. S
23.	SHAJINA. S	Shajir Mansil Perumpuzha. P. O Kundara	BA History	1017	JAYANTHY. S
24.	VISHNUPRIYA. V	Kattoormelathil Kakkakottoor Amalathumkala P. O. Ezhukone	BA History	1079	JAYANTHY. S
25.	ANUPRIYAT S	ASWATHY KUREEPUZHA P O PERINAD KOLLAM	UG, B.A MALAYALAM	86.67%	Dr.M S Biju, Assistant Professor, Dept. of malayalam
26.	REMYA RAJU A	VILAYIL POTTAYIL VEEDUPUTHIYAT HURA, PUTHIYATH URA P O TVM	UG, B.A MALAYALAM	88%	Dr.M S Biju, Assistant Professor, Dept. of malayalam
27.	ATHIRA V	VELAYUTHA MANGALAM MARANADU, MARANADU P O	UG, B.A MALAYALAM	87%	Dr.M S Biju, Assistant Professor, Dept. of malayalam
28.	ANATHALEKSHMI S	ANATHA NIVAS MULAVANA P O KUNDARA	UG, B.A MALAYALAM	96%	Dr.M S Biju, Assistant Professor, Dept. of malayalam
29.	ANJANA R	PULLIYIL THEAKKATHIL KOTTIKKADA P O KOLLAM	UG, B.A MALAYALAM	91%	Dr.M S Biju, Assistant Professor, Dept. of malayalam
30.	HARIPRIYAS O	VILAYIL PUTTAN VEEDU NEERAVIL PERINAD P O KOLLAM	UG, B.A MALAYALAM	69%	Dr.M S Biju, Assistant Professor, Dept. of malayalam

COORDINATOR

PRINCIPAL

Reserve List

Sl No	Name of student	Permanent address	Course	Plus two marks	Mentor
1.	Kallyani Baiju	Alumoottil Veedu, Vellarvattom, Kadakkal	I Botany	81%	Dr. Preetha.P.S
2.	Jumana.M	Kalluvila Nedyazhikam Y Nagar-70, Eravipuram Kollam	I Botany	80.3%	Dr. Preetha.P.S
3.	Aiswarya. M.S	Vadakkadath Veedu, Mullickala, Thevalakkara, Kollam	I Botany	80%	Dr. Preetha.P.S
4.	Haritha.B	Sree Hari, Puthensanketham, Koivila, Kollam	I Botany	79%	Dr. Preetha.P.S

External Mentoring Sessions for Second Year

Date	Name of the Mentor	Topic
11-01-2020	Akhiles U	Gender Sensitisation
11-01-2020	Harikrishnan R S	Presentation Skill
25-01-2020	Dr B Shaji	How to review a Journal
27-01-2020	Dr Mohanan N	Biodiversity

SREE NARAYANA COLLEGE, KOLLAM
WALK WITH A SCHOLAR PROGRAMME
DETAILED LIST OF SCHOLARS (2019 – 20) – IIInd YEAR

Sl. No.	NAME	PERMANENT ADDRESS	COURSE	+2 MARKS	MENTOR
1	Nanda J	Nandanam, Kureppally, Alummoodu PO, Kollam	BA English	95%	Dr.Anjana Thampi, Assistant Professor , English
2	Devika S Kumar	Narayana Mandiram, Vellimon (W) PO, Kundara, Kollam	BA English	96%	Dr.Anjana Thampi, Assistant Professor, English
3	Malasree V R	Renasree, Thalavoorakonam, Kuzhimathicadu PO, Kollam	BA Journalism and Mass Communication	85.3%	Dr.Anjana Thampi, Assistant Professor, English
4	Aiswarya M G	Kannamathu Puthenveedu, Vakkanadu, Vakkanadu PO, Kollam-691509	BA Malayalam	84.3%	Smt. Minnu S, Assistant Professor Political Science
5	Sarath G	Poonattuvedu, Naduvathchery, Chavara South PO, Kollam	BA Malayalam	86.6%	Smt. Minnu S, Assistant Professor Political Science
6	Kannan M	Vayalil Puthan Veedu, GV Nagar 91, Ayathil PO, Kollam	BA Malayalam	87%	Smt. Minnu S, Assistant Professor Political Science
7	Fathimuthu Suhara	Kovalam house, Odayam, Varkala, Kollam	BA Hindi	79%	Smt.Neethuleksh mi U, Assistant Professor Political Science
8	Surya S.	Sulekha bhavanam, Thekkamuri muttom, East Kallada, Kollam	BA Hindi	73%	Smt.Neethuleksh mi U, Assistant Professor Political Science
9	Fousiya A	Piravanthalazhikam, Muttakkavu, Nedumpana PO, Kollam	BA Economics	90%	Smt.Neethuleksh mi U, Assistant Professor Political Science
10	Shehna S	Madathil poika, Muttakavu, Nedumpana PO, Kollam	BA Economics	93%	Smt.Neethuleksh mi U, Assistant Professor Political Science
11	Akshaya S	Sreehari thazam,	BA History	94%	Dr.Anjana

		South Chathanoor, Kollam- 691572			Thampi, Assistant Professor, English
12	Dona Sajan	B S Villa, Meeyannoor P.O, Kottara	BA English	92%	Dr.Anjana Thampi, Assistant Professor, English
13	Aiswarya U B	Vaishnavam Chola, Panmana, Puthenchantha P O	BA English	91%	Dr.Anjana Thampi, Assistant Professor, English
14	Midhila M S	Kochethu Veedu, Bodhi Nagar 11, Thattamala PO, Kollam	BA Philosophy	77%	Smt. Greeshma P, Assistant Professor, Biotechnology
15	Aadithya Sai Sankar	Nedumchira (H), Kainady PO, Alappuzha - 686534	BA Philosophy	80%	Smt. Greeshma P, Assistant Professor, Biotechnology
16	Lijo Lawrence	Lincy Bhavan, NS Nagar, Padappakkara PO, Kundara, Kollam	BA Political Science	93%	Smt. Minnu S, Assistant Professor Political Science
17	Greeshma M R	Vadavoor Veedu, Punukkannur, Perumpuzha PO, Kollam - 691504	BSc Mathematics	92.25%	Smt. Anisha U, Assistant Professor, Commerce
18	Abhinandan a B	Sreenandanam, Sarayoo Nagar 118, Asramam PO, Kollam-2	BSc Physics	98%	Smt. Anisha U, Assistant Professor, Commerce
19	Arun J K	Chaithram, Cherumoode, Vellimon PO, Kundara, Kollam	BSc Physics	80%	Smt. Anisha U, Assistant Professor, Commerce
20	Anandhu S Kumar	Chekkala Padinjattathil Veedu, Pallickal PO, Kottarakara, Kollam	BSc Physics and Computer Applications	94%	Smt. Anisha U, Assistant Professor, Commerce
21	Govind Kannan J S	Sreenilayam, Elampa PO, Attingal, Thiruvananthapuram	BSc Physics and Computer Applications	92%	Smt. Anisha U, Assistant Professor, Commerce
22	Arun A	Suvarnamandiram, TKM (PO), Kollam	BSc Chemistry	80%	Smt.Neethuleksh mi U, Assistant Professor Political Science
23	Aiswarya	Krishna Prasadam,	BSc Physics	95%	Smt.Neethuleksh

	Viswan	Murunthal A, Anchalumoodu, Perinad PO, Kollam	and Computer Applications		mi U, Assistant Professor Political Science
24	Drisy Krishna T S	Karthikeyam, Kommallor PO, Kaithakkuzhy, Kollam	BSc Botany	94%	Smt. Minnu S, Assistant Professor Political Science
25	Uma Prasad	Kalpalam, Thrikkovilvatom, Mukhathala PO, Kollam	BSc Botany	93%	Smt. Minnu S, Assistant Professor Political Science
26	Anjali B R	Anjali, Neeleswaram PO, Kottarakara, Kollam	BSc Botany and Biotechnology	96.5%	Smt. Greeshma P, Assistant Professor, Biotechnology
27	Athulya Raj	Thusharm, Palayamkunnu PO, Varkala, Kollam	BSc Botany and Biotechnology	90%	Smt. Greeshma P, Assistant Professor, Biotechnology
28	Ashna M	Rejula Land, Kolam Panmana, Chavara PO, Kollam	BSc Zoology	97.3%	Smt. Greeshma P, Assistant Professor, Biotechnology
29	Shihab Shajahan	Shan Manzil, Keralapuram, Vellimon PO, Perinad , Kollam	BSc Journalism and Mass Communication	79%	Smt. Greeshma P, Assistant Professor, Biotechnology
30	Lenin M	Makayiram, Pulichira PO, Kollam	B Com	65%	Smt. Anisha U, Assistant Professor, Commerce

COORDINATOR

PRINCIPAL

LIST OF MENTOR – MENTEE (2019– 2020)
THIRD YEAR

Sl. No.	MENTOR	MENTEE	DEPARTME NT	% of Mark
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1	Smt. Misha V, Assistant Professor of Commerce	Anusree S	B Com	96
2		Krishnapriya S	BSc	90
3		Sona Varghese	Chemistry	78
4		Arun M	BA	92
5		Anand Raj	Economics	74
6		H. Kiran	BSc Botany	94
7	Smt. Aarcha S S, Assistant Professor of Commerce	Anjitha Krishnan	B Com	93
8		Sagara A V	BA Philosophy	74
9		Sreejith A S	B Sc Maths	97
10		Lahana V Mohan		93
11		Gokul Raj	BSc	84
12		Abhinand Bose C	Chemistry	81
13	Kum. Deepa MS, Assistant Professor of History	Arun Raj J	BA	86
14		Gouri Pramod	Malayalam	94
15		Ansha N	BA	89
16		Srihari R	Economics	79
17		Ajmal A	BSc Botany & BT	68
18		Pranav A		71
19	Smt. Rehna R, Assistant Professor of Physics	Devipriya R S	BSc Physics	96
20		Kavya Visakh		97
21		Bhagya R		97
22		Praveen Raj R	BA Sanskrit	73
23		Nila B B		85
24		Athul Thilak	BA Philosophy	70
25	Dr. S Sheeba, Assistant Professor of Zoology	Rabi Krishnan R	BSc Physics & Comp	95
26		Abhijith C G	Appln	94
27		Anandhu S		97
28		Athira Muraly	BA Philosophy	86
29		Kavya T	BA	95
30		Sumayya N	Malayalam	92

Walk With A Scholar Programme 2019-2020 Students' Feedback Report

A total of 90 students (I Year, II Year and III Year) participated in the Walk With A Scholar Programme during the academic year 2019-20. They attended the Internal and External Mentoring sessions with enthusiasm. External mentoring sessions were conducted for I year and II Year only. They engaged in activities, group discussions, presentations and practice sessions. Feedback on the mentoring sessions was collected using Students' Feedback Form. The participants gave a positive feedback on all internal mentoring sessions. Among the different external mentoring sessions, Gender Sensitization and Scientific Temper got the best response. Majority of the students marked these two sessions as 'Excellent'. Art and Self development, Goal setting were remarked as Good/ Excellent. They gave valuable suggestions for the improvement of the programme. They have expressed their interest to participate in WWS during the next academic year.

Co-ordinator

Principal

EXTERNAL AND INTERNAL MENTORING SECTIONS









YEARS OF EXCELLENCE

- Chairman & Training Head - Research Academy For Creative Excellence (RACE)
- Certified Training Needs Analysis Consultant, Designer of Training, Trainer, Direct Training Skill under DoPT, Government of India.
 - Certified Trainer - Junior Chamber International
 - National Trainer & AUTHOR JCI India
 - A-Grade National Level Master Trainer of National Institute of Rural Development of Govt. of India.
- Successfully Participated in the Trainers Training course on 'Designing & Facilitating Effective Learning Experience' by Azim Premji University
 - Served as Sub Editor, Rajasthan Patrika in Jaipur.
 - Anchored many programmes in Asianet, DD and Surya TV and delivered talks in AIR
- Authored articles in various Publications including Magazines and annual specials of Govt. & Non Govt. organizations on Soft Skills.
 - Audit Officer (HG) in Kerala State Audit Department (on leave)

Designed a series of goal oriented participative and result centric modules and approaches to personal/professional skill development programmes in Effective Presentation, Communication, Leadership, Organization Building, Time Management, Team Building Self Management, Stress Management, People Management, Art of Negotiation, Social Intelligence and Change Management.

A specially crafted training programme for Effective Presentation/ Public Speaking has rendered its One Decade long impressive presence and support among all walks of life ranging from adolescents to veterans.

Specialized need base training module made an exceptional impression among the teachers community starting from College Principal to pre-primary level.

Special training for medical segment to maintain healthy and affectionate relationship between medical professionals and patients. The course gives a real-life look at what being a medical profession means as well as a look at the one-of-a-kind rewards that profession offers. Designed for Doctors, Nurses, Health & Pharma departments.

A three-tier holistic and visionary approach to unravel various facets of Growth Development and Sustainability of student community with a special focus on their Social, Emotional and Spiritual empowerment. Employability skills demand by modern day employers.

AT YOUR SERVICE

Training program to motivate Sales and Marketing personnel to meet the expectation of the modern day customer .This special training course helps to boost your sales effectiveness and implement marketing and sales solutions that bring you more profits and pleasure.

DIAMOND CUTTER

A package of Out of the Box tools and tactics for Trainers Training blended with need based theoretical analysis of current trends along with personalized interactive sessions.

LEAD YOUR WORLD

An exclusive package for Govt. Departments, PSUs, Corporates, NGO Groups, Entrepreneurs, Startup Companies in Innovation, Leadership Training and Resource Management.

HAPPY HOME HEAVENLY HOME

An umbrella training programme specially designed for enhancing the emotional strength and psychological empowerment in familial affairs with a vision to make them heavens on the planet. It adds on to personal counselling sessions to unleash the modern day unrest and societal conflicts.

- Designing and conducting Training programmes for Various Departments, Research Institutes and Training Centers under Govt. of India and Kerala including Institute of Management in Government (IMG) Rubber Board Kottayam, Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), State Resource Centre Govt. of India, Kerala Forest Research Institute(KFRI), Regional Cancer Center Thiruvanthapuram, Kerala State Institute for Health and Family Welfare , Kerala Nursing Council, SIRD, ETC State Agriculture Management and Extension Training Institute, (SAMETI) and Kerala Veterinary Council.
- Universities and Autonomous Educational Institutions (Both for Academicians, administrative staff, Parents & Students) across India.
- Serving as Training consultant of many large medium and small scale entrepreneurs in Kerala. Conducting TNA for them and Designing Customised Training Design in order to reduce the performance gap , Delivering Training, Evaluating the result and following up till the Terminal Behaviour of the Trainees meet the Expected Performance Level of the organization.
- They include Life Insurance Corporation, Federal Bank, Co Operative Banks, Branded Jewelleries , Multispecialty Hospitals, Malls, Supermarkets, Accredited Clinical Laboratories.



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/Rajilan Mullavila

@rajilan Mullavila

BIODATA

- Name** : Dr. N. Mohanan
- Date of Birth** : 25 May 1959
- Occupation** : Senior Advisor, MS Swaminathan Research Foundation, Puthoorvayal, Wayanad.
(Former Senior Principal Scientist and Head, Garden Management Division, Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram).
- E-mail** : nmohanan59@gmail.com
- Academic qualification**

Degree (in reverse order up to B. Sc. Only)	Class/Grade	University	Year	Scholarships/ Awards
Ph. D. (Botany-Angiosperm Taxonomy)	-	University of Calicut	1995	-
M. Sc. (Botany)	First Class	University of Kerala	1981	Third Rank
B. Sc. (Botany)	First Class	University of Kerala	1979	

- Ph. D. Topic**

‘Floristic studies of Agasthyamala, Western Ghats’

- Training programmes**

Undergone 45 days training in Ex-situ Conservation and Gardening at Kew Gardens, UK during 1989.

- Current Membership of Professional Bodies, Technical Committees, Societies, Academies with date from which he became member.**

- Life Member, Indian Association for Angiosperm Taxonomy, 1991 onwards
- Life Member, Indian Society for Conservation Biology, 1995 onwards
- Life Member, Kerala Academy of Sciences, 2010 onwards

- Recognitions/ Honours/ Awards , with dates**

Research Guide, University of Kerala, 1997
Research Guide, University of Kannur, 2006
Research Guide, Mahatma Gandhi University, Kottayam , 2008
Fellow, Indian Association for Angiosperm Taxonomy, 1992.

Fellow, Kerala Academy of Science, 2010

10. **Specialization, if any, may also be indicated**

Angiosperm Taxonomy, Floristics, Ex-situ conservation of Arborescent species (Arboretum, Palmetum, Cycads etc)

R & D ACHIEVEMENTS.

1. **Areas of Research:**

Garden Development, Conservation studies, Angiosperm Taxonomy, Fern Taxonomy and Floristics.

2. **Details of Achievements**

a. **Research**

- Guided 5 research students for Ph. D. Degree (4 from Kannur University and 1 from University of Kerala)
- One genus described new to Science.
- 34 taxa were described new to Science.
- Two species were reported as new record for India.
- 14 species reported as new records for Kerala State.
- Six species of RET plants were rediscovered after a lapse of about 100 years.
- Eight books on floristic studies were published.
- 87 Research Papers were published in International and National Journals.

b. **Garden Development**

Joined JNTBGRI in 1983 as Officer in charge for taking over of 121 hectare Forest land at Palode, Thiruvananthapuram for establishment of a Conservatory Botanic Garden. Participated in the Garden Development activities since its initiation in 1984. Responsible for the development of the Arboretum, Palmetum and Cycad Garden of the institute. Became Head of Garden Management Division in 2002 and leading the Garden Development activities till retirement in May 2019.

Responsibilities:

- ▶ Development and maintenance of Garden and Conservatories such as the Arboretum, the Palmetum, Fernery, Orchard for Lesser known fruit plants, Cacti and Succulents, Gymnosperms and Threatened Species Park.
- ▶ Managing landscaping of the Garden, activities of Central Nursery and Sale and Distribution of plants.
- ▶ Management of Visitors and Conservation Education programmes of the Garden

Achievements:

- ▶ Developed the Arboretum of the Western Ghats, in a 50 acre plot within the Garden. The development of Arboretum was initiated in 1985 and in 2019, it holds over 3500 trees coming under 700 native species well established, in flowering and fruiting. The highlight of the Arboretum is its unique collections such as *Ficus* garden (75 species), *Garcinia* garden (28 species), *Syzygium* garden (20 species), *Humboldtia* collection (6 species) etc.
- ▶ Developed RET Species Park under the 'Lead Garden Programme' of the Ministry of Environment, Forests and Climate Change, Government of India. This Garden conserves

about 120 species from the Western Ghats coming under the categories Rare, threatened or endemic plants.

- ▶ Developed the Palmetum since 1990, and presently holds about 200 species of palms from various parts of the world, growing in a 5 acre plot.
- ▶ Developed Cycad garden which grows about 18 species of Cycad plants in 6 genera.
- ▶ Managed various Garden activities for 17 years in the capacity of Head of the Garden Management Division.

11. **Externally funded Projects undertaken in capacity of Principal Investigator/ Co-Principal Investigator.**

Successfully implemented 14 R&D projects sponsored by Agencies such as Botanic Garden Conservation International, UK; Ministry of Environment and Forests and Climate Change, Government of India; Department of Science and Technology, Government of India; Indian Council of Agricultural Research; Indian Space Research Organization; Planning Board, Government of Kerala; Kerala Forest Department and NABARD, in the capacity of Principal Investigator and Co-Principal Investigator.

	Project	Year	Funding Agency and funds allotted	Status of Project
1.	“Establishment of an arboretum of Western Ghats, Germplasm collection of selected groups, plant introduction and nursery”. (Principal Investigator)	1985	Planning Board, Western Ghats Development Programme, Government of Kerala. (Rs. 36 lakhs)	Successfully completed in 1990
2.	Ex-situ conservation of rare and endemic plants of Agasthyamala, Western Ghats at TBGRI”. (Principal Investigator)	1990	Planning Board, Western Ghats Development Programme, Government of Kerala. (Rs. 30 lakhs)	Successfully completed in 1995
3.	Floristic studies of Agasthyamala Medicinal Plant Conservation Area	1993	Foundation for Local Health Traditions, Bangalore (Rs. 1 lakh)	Successfully completed in 1994
4.	An in-depth study of endemic plants of Kerala – evaluation of their status, ex-situ conservation and preservation” (Co-Investigator).	1996	Ministry of Environment and Forests, Government of India. (Rs. 12 lakhs)	Successfully completed in 2002
5.	Studies on the Ecology, Conservation Biology and Restoration of four important Medicinal Shrubs of Western Ghats (Principal Investigator)	1999	State Committee on Science Technology and Environment, Government of Kerala (Rs.3.47 lakhs)	Successfully completed in 2001
6.	Exploration, documentation and ex-situ conservation of genetic resources of wild crop relatives and selected medicinal and aromatic plants of the Western	2000	Indian Council of Agricultural Research (National Agricultural Technology Programme – 4.93	Successfully completed in 2004

	Ghats (Nodal Scientist)		lakhs)	
7.	Collection, propagation, reintroduction and popularization of ten endemic tree species of Western Ghats.	2004	Planning Board, Western Ghats Development Programme, Government of Kerala. (Rs. 3.40 lakhs)	Successfully completed in 2007
8.	Ex-situ Conservation of Endemic Arborescent Crop relatives of Western Ghats (Co- Principal Investigator)	2005	Botanic Garden Conservation International, UK (Small Grant Project Scheme – 3.34 lakhs)	Successfully completed in 2007
9.	Survey, Collection, propagation and popularization of threatened palm species of Western Ghats and Electronic Herbarium database preparation. (Principal Investigator)	2006	Planning Board, Western Ghats Development Programme, Government of Kerala. (Rs. 3.41 lakhs)	Successfully completed in 2008
10.	Lead Garden Programme (Co- Principal Investigator)	2008	Ministry of Environment and Forests, Government of India.(Rs. 76 lakhs)	Successfully completed in 2012
11.	Conservation and sustainable utilization of <i>Garcinia</i> species of the Southern Western Ghats.” (Principal Investigator).	2009	Funded by the Kerala Forest Department (9.50 lakhs)	Successfully completed in 2013
12.	Establishment of a centralised composting facility at Tropical Botanic Garden and Research Institute	2012	National Bank for Agriculture and Rural Development (NABARD- Rs. 9.50 lakhs)	Successfully completed in 2014
13.	The Floristic studies of VSSC campus, Thiruvananthapuram.” (Principal Investigator)	2015	Funded by the Indian Space Research Organization.(7 Lakhs)	Successfully completed in 2018
14.	Comparative biogeography and phylogeography of selected plants of India (Principal Investigator)	2015	Department of Biotechnology Ministry of Science and Technology Government of India(Rs. 90 lakhs)	Successfully running through 4 th year; PI ship transferred to the Co-PI on retirement

12. **Any other remarks you may wish to add, in about 100 words**

Handling the additional duty of the Editor, Institute Publications, since 2002. Edited and published TBGRI Annual Reports, News Letter, TBGRI News, Brochures and Pamphlets.

DETAILS OF MAJOR ACHIEVEMENTS

A. Research

a.i.1. Genus new to science

Sl.No	Name	Family	Year of discovery
1.	<i>Sivadasania</i> Mohanan & Pimenov	Apiaceae	2007

a.i.2. Taxa new to science

Sl.No	Name	Family	Year of discovery
1.	<i>Pothos crassipedunculatus</i>	Araceae	1989
2.	<i>Ixora agasthyamalayana</i>	Rubiaceae	1991
3.	<i>Amorphophallus bonaccordensis</i>	Araceae	1994
4.	<i>Dimeria sivarajanii</i>	Poaceae	1996
5.	<i>Dimeria namboodiriana</i>	Poaceae	1997
6.	<i>Symplocos macrophylla</i> sub sp. <i>namboodirianus</i>	Symplocaceae	1997
7.	<i>Ischaemum kumarakodiensis</i>	Poaceae	1998
8.	<i>Ischaemum pappinisseriensis</i>	Poaceae	1998
9.	<i>Ischaemum quilonensis</i>	Poaceae	1998
10.	<i>Pavetta bourdillonii</i>	Rubiaceae	1999
11.	<i>Ischaemum pushpangadanii</i>	Poaceae	2000
12.	<i>Ischaemum lanata</i>	Poaceae	2000
13.	<i>Chrysopogon purushotamanii</i>	Poaceae	2000
14.	<i>Ischaemum abrahamii</i>	Poaceae	2001

15.	<i>Ischaemum fischeri</i>	Poaceae	2001
16.	<i>Ischaemum wayanadensis</i>	Poaceae	2001
17.	<i>Memecylon sivadasanii</i>	Melastomaceae	2001
18.	<i>Chrysopogon copei</i>	Poaceae	2001
19.	<i>Dimeria agasthyamalayana</i>	Poaceae	2001
20.	<i>Dimeria josephii</i>	Poaceae	2001
21.	<i>Fuirena simpsonii</i>	Cyperaceae	2002
22.	<i>Arundinella ravi</i>	Poaceae	2004
23.	<i>Litsea beei</i>	Lauraceae	2005
24.	<i>Calamus renukae</i>	Arecaceae	2008
25.	<i>Lindernia ciliata</i> sub sp. <i>sivarajanii</i>	Scrophulariaceae	2010
26.	<i>Crotalaria assamica</i> var. <i>keralensis</i>	Fabaceae	2011
27.	<i>Crotalaria multiflora</i> var. <i>kurisumalayana</i>	Fabaceae	2012
28.	<i>Zornia diphylla</i> var. <i>quilonensis</i>	Fabaceae	2012
29.	<i>Garcinia pushpangadaniana</i>	Clusiaceae	2013
30.	<i>Mitracarpus hirtus</i> var. <i>sessilis</i>	Rubiaceae	2014
31.	<i>Garcinia assamica</i>	Clusiaceae	2016
32.	<i>Garcinia gamblei</i>	Clusiaceae	2017
33.	<i>Symplocos parvibracteata</i>	Symplocaceae	2017
34.	<i>Asystasia gangetica</i> (L.) T. Anderson var. <i>krishnae</i> Dhruvan, Pandur. & Mohanan.	Acanthaceae	2019

a.i.3. **New Record for India**

Sl. No.	Species	Family	Year of report
1.	<i>Garnotia micrantha</i>	Poaceae	2000
2.	<i>Crotalaria incana</i> sub sp. <i>purpurascens</i>	Fabaceae	2010

4. **New Records for Kerala State**

Sl. No.	Name	Family	Year of report
1.	<i>Euodia lunu-ankenda</i> var. <i>tirunelvelica</i>	Rutaceae	2000
2.	<i>Exacum courtallense</i>	Gentianaceae	2000
3.	<i>Homalium jainii</i>	Flacourtiaceae	2000
4.	<i>Hoya kanyakumariana</i>	Asclepiadaceae	2000
5.	<i>Nothopegia aureo-flura</i>	Anacardiaceae	2000
6.	<i>Vernonia gossypina</i>	Asteraceae	2000
7.	<i>Memecylon subramanii</i>	Melastomaceae	2001
8.	<i>Melinis minutiflora</i>	Poaceae	2004
9.	<i>Polystichum manickamianum</i>	Dryopteridaceae	2010
10.	<i>Cycas nathorstii</i>	Cycadaceae	2010
11.	<i>Dryopteris austro-indica</i>	Dryopteridaceae	2012
12.	<i>Diplazium austrosylvaticum</i>	Woodsiaceae	2012
13.	<i>Crotalaria trichotoma</i>	Fabaceae	2013
14.	<i>Milicia excelsa</i>	Moraceae	2018

5. **Rediscoveries after over 100 years**

Sl. No.	Name	Family	Year of report
1.	<i>Syzygium bourdillonii</i>	Myrtaceae	1996
2.	<i>Poeciloneuron pauciflorum</i>	Bonnetiaceae	1999
3.	<i>Garcinia imberti</i>	Clusiaceae	1997
4.	<i>Nothopegia aureo-fulva</i>	Anacardiaceae	2000
5.	<i>Pavetta wightii</i>	Rubiaceae	2004
6.	<i>Tephrosia fusca</i>	Fabaceae	2013

6. **Ph. D. Guided**

Sl. No.	Name of Student	Topic of study	University	Year
1	Krishnaraj M. V.	Taxonomic studies of the family Fabaceae-Papilionoideae of Kerala.	Kannur University	2013
2	Raju Antony	Pteridophyte Flora of Agasthyamala, Western Ghats.	Kannur University	2013
3	Rajith N. P.	Ethnobotanical study of the Koraga and Mavilan Tribes of Kasaragode District, Kerala.	Kannur University	2014
4	Dhruvan Tandyekkal	Coastal Flora of Kerala.	Kannur University	2016
5	Shameer P. S.	Taxonomic Revision of genus <i>Garcinia</i> (Clusiaceae) of India.	University of Kerala	2017
6	Stephan J.	Taxonomic Revision of the family Symplocaceae of India.	University of Kerala	Continuing

PUBLICATIONS

A. Books

- a.i.1. **Mohanan N.** and M. Sivadasan 2002. *Flora of Agasthyamala*. M/s. Bishen Singh Mahendra Pal Singh, Dehra Dun.

The book brings out a detailed inventory of the flowering plant diversity of Agasthyamala Biosphere Reserve, the unique 'hotspot' of endemism of the Western Ghats. The book deals with 1117 species of flowering plants located at Agasthyamala, coming under 585 genera and 126 families. 30 % of the species are endemics. 6 species were described new to science and 27 species of very rare plants listed in the Red Data Book were located.

- a.i.2. Ravi, N. and **N. Mohanan** 2002. *Common Tropical and Sub-tropical Sedges and Grasses- An illustrated Account*. Oxford & IBH, New Delhi (Indian Edition); Science Publishers Inc. Enfield, USA (International Edition)

The book gives an Illustrated Account of 44 Sedges and Grass species common to the tropics and subtropics of the World. The book is prepared as a field guide to cater to the requirements of students, teachers and researchers.

- a.i.3. Nayar, T.S., A. Rasya Beegum, **N. Mohanan** and G. Rajkumar 2006. *Flowering Plants of Kerala- A Hand Book*. Tropical Botanic Garden and Research Institute, Thiruvananthapuram.

The book deals with 4681 species of flowering plants occurring in Kerala State with details such as legitimate name, synonyms, common names, distribution, nativity, endemism, conservation status and uses.

- a.i.4. Rajasekharan, S., **N. Mohanan**, P.G. Latha, K.G. Mohanlal and G.M. Nair 2005. *Stars and Trees, Trees of the Nakshathravanam*. Thenmala Ecotourism Promotion Council, Thiruvananthapuram.

A popular book, which deals with symbiotic relationship of man with plants and their conservation through myths and religion.

- a.i.5. Rajesakharan, S., P. G. Latha, **N. Mohanan**, Mathew Dan, Vinodkumar T. G. Nair, M. Navas and C. S. Vimalkumar 2013. *Student's Handbook on Medicinal and Food Plants*. KSCSTE & JNTBGRI Thiruvananthapuram.

An illustrated Hand Book on the important Medicinal and Food plants for children.

- a.i.6. **Mohanan, N.** and P. J. Mathew 2016. *Live Plants of JNTBGRI*. JNTBGRI Publication.

A checklist of the Angiosperms, Gymnosperms and Ferns grown at Jawaharlal Nehru Tropical Botanic Garden and Research Institute. Colour photographs of about 700 species are also provided.

- a.i.7. Mohanan, N., T. Sabu, C. B. Manjunath and Teema Joseph 2017. *Sasyajalakam, Flora of VSSC*. JNTBGRI Publications.

The book is an illustrated Flora of the VSSC Campus, Thumba, Thiruvananthapuram. The 373 plants recorded include 4 mangrove species, 18 mangrove associates and 21 species listed in IUCN Red List.

- a.i.8. Mohanan, N., T. Sabu and P. S. Shameer 2018. *Malabar Tamarind (Kudampuli) and Wild Relatives in the Western Ghats*. JNTBGRI Publications.

A field guide of the *Garcinia* species (Clusiaceae) found throughout the Western Ghats is provided with colour photographs.

B. Chapters in Books

1. **Mohanan, N.**, Mathew, P. J., Koshy, K. C., Sathish Kumar, C., Pandurangan, A. G. and Latha, P. G. 2017. 'Plant Diversity at Jawaharlal Nehru Tropical Botanic Garden and Research Institute, Thiruvananthapuram' in Paramjit Singh and Sudhansu S. Dash (eds.) *Indian Botanic Gardens-Role in Conservation*. Botanical Survey of India Publications, Kolkatta. Pp. 211-222.
2. **Mohanan, N.**, Raj Vikraman R and Joemon Jacob 2013. 'Common Ornamental Palms in India' in Singh S.P., George V. Thomas and V. Krishnakumar (eds) 'Palms'. Confederation of Horticulture Associations of India, New Delhi & Westville Publishing House, New Delhi. Pp. 248-272.
3. **Mohanan N.** 2011. Introduction to Hortus Malabaricus in S. Rajasekharan and P. G. Latha (Eds.) *Traditional and Folk Practices – Contemporary Relevance and Future Prospectus*. TBGRI Publications. Thiruvananthapuram. Pp. 70-74.
4. **Mohanan N.**, Joemon Jacob and K. C. Kariyappa 2007. Medicinal Palms of Kerala. In: P. C. Trivedi (Ed.). *Indian Folk Medicine*. Pointer Publishers, Jaipur. Pp. 106-113.
5. Seema Gopal, T. Shaju, A. Sabeena, **N. Mohanan** and N. Omanakumari 2005. The genus *Ischaemum* L. (Poaceae) of Kerala. In: A. K. Pandey, Jun Wen and J. V. V. Dogra (Eds.). *Plant Taxonomy-Advances and Relevance*. CBS Publishers and Distributors, New Delhi. Pp. 303-307.
6. **Mohanan N.** and M. Sivadasan 1999. Crop –relatives of Agasthyamala, Western Ghats, Kerala. In: M. Sivadasan and Philip Mathew (Eds.). *Biodiversity, Taxonomy and Conservaton of flowering plants*. Mender Books, Calicut, pp.27-34.
7. **Mohanan N.** and M. Sivadasan 1996. Some rare and endemic plants from Agasthyamala, Western Ghats in Kerala. In: K. S. Manilal and A. K. Pandey (Eds.). *Taxonomy and Plant Conservation*. CBS Publishers and Distributors, New Delhi, pp71-78.

C. Research Papers

1. Shameer P. S. & **N. Mohanan** 2019. Lectotypification of three names in *Garcinia* (Garciniaceae) *Rheedea* Vol. 29(2): 181–183
2. Dhruvan, T, A.G. Pandurangan & **N. Mohanan** 2019. *Asystasia gangetica* var. *krishnae* (Acanthaceae): A new variety from Kerala, India. *Rheedea* Vol. 29(2): 174–177.

3. Sabu T., R. Raj Vikraman, P.S. Shameer and **N. Mohanan** 2018. On the occurrence of 'African Teak', *Milicia excelsa* (Moraceae) in India. *Rheedea* Vol. 28(2) 114–117.
4. Krishnaraj M. V and **N. Mohanan** 2017. Three lectotypifications in *Tephrosia* Pers. (Fabaceae) *Phytotaxa* 319 (2): 197–199.
5. Stephan J., P. W. Fritsch and **N. Mohanan** 2017. *Symplocos parvibracteata* sp. nov. (Symplocaceae) from the Western Ghats, Kerala, India. *Nordic Journal of Botany* 35: 426–431.
6. Shameer P. S., T. Sabu & **N. Mohanan** 2017. *Garcinia gamblei* (Clusiaceae), a new species from the southern Western Ghats, India. *Phytotaxa* 297 (1): 071–076.
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12. Kumar E. S. S. & **N. Mohanan** 2015. Taxonomic status of *Pavetta bourdillonii* (Rubiaceae). *Taprobanica*, 7(2): 96–97.
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22. Raju Antony, S. M. Shareef and **N. Mohanan** 2012. Natural Apospory in *Pteris argyraea* T. Moore from South India. Indian Fern Journal 29:149-152.
23. Krishnaraj, M.V., **N. Mohanan**, T. Davis 2013. Rediscovery of Robert Wight's *Tephrosia fusca* (Fabaceae:Papilionoideae) from India. Phytotaxa 81(2): 55-60.
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Educational Qualification:

BA, LLB

Social activities :

- 1) Mayor of Kollam municipal corporation from 2/10/2000 to 2 /10 /2005
- 2) Councilor of Kollam municipal corporation from 2/10/2005 to 2/10/2010
- 3) Vice president of Kollam district Sisu Shema Samithi, a Co-operative society headed by District collector , monitored by social justice department , government of Kerala
- 4) Director board member, N.S Hospital a co -operative hospital Kollam
- 5) Vice president of Kollam are Health and palliative Federation , a charitable initiate, for palliative care
- 6) State joint secretary of AIDWA a Women movement

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D. O. B : 30/05/1989

WORK EXPERIENCE

June 2016 - : Assistant Professor on Contract, Dept. of English.
Sree Sankaracharya University of Sanskrit, Kalady.

July 2015 to March 2016 : Guest Lecturer, Govt. College Kottayam.

December 2013 to December 2014 : Guest Lecturer, P.G Dept. of English
Ettumanoorappan College, Kottayam.

EDUCATIONAL QUALIFICATIONS

English Lit. M. Phil. : School of Letters, Mahatma Gandhi University,
Kottayam, Kerala(2012-2013).

English Lit. M. A. : Sree Sankacharya University of Sanskrit, Kalady,
Kerala (2010-2012).

English Lit. B. A. : St. Cyril's College, Adoor, Kerala(2007-2010).

MARKS IN PERCENTAGE

M.A. English : 78.77%

M. Phil. English: 65%

TOPIC OF M. Phil. DISSERTATION

Redefining the Strategies of Power; a Foucauldian Analysis of 'Aadhaar'

ADDITIONAL INFORMATION

- Qualified UGC NET (Ref No:17692, NET- June 2014).
- Participated, presented papers, delivered talks and chaired sessions in National Seminars in a variety of disciplines including English, Malayalam, History, Political Science, International Relation etc.
- Published articles in books and peer reviewed journals.
- Published translation of 10 poems in an English anthology of 200 poems.
- Shortlisted as a candidate from India for Commonwealth Scholarship U. K. 2015 & 2017.
- Associated with the research project “Paddy Culture in Kuttanad: Folk, Traditions, Rituals and Festivals” supported by IGNCA.
- Invited for lectures in university departments.

REFERENCE

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DECLARATION

I, Akhiles U., hereby declare that all the information given above is true to the best of my knowledge.

Akhiles U.

Thiruvananthapuram

04/03/20

BIODATA

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Educational Qualification :-

- B.Sc physics during 2016-19 at Sree Narayana college, Kollam
- Doing M.Sc physics at Govt. college, Karyavattam

Acheivements:-

- 1) First prize in kerala university youth festival.
- 2) First prize in state level p k kunj sahib memorial state level elocution competition.
- 3) First prize in state level elocution competition conducted by kerala forests and wildlife department.
- 4) Best debator in intercollegiate debate competition by Thoppil Ravi foundation.
- 5) First prize in ems memorial state level intercollegiate elocution competition by Kerala state youth commission.
- 6) First prize in Dr.N.Jayadevan memorial state level intercollegiate Elocution competition.
- 7) First prize in state level intercollegiate elocution competition by old students association U.C College, Aluva.
- 8) Best debator in literary debate competition held by Asan memorial association Kaikkara.
- 9) Camp director at state level camp conducted by Haske foundation for college students all over Kerala.

WWS INSTITUTIONAL VISIT

2020

The institutional visit regarding the state funded scheme of WWS (Walk with a scholar) from SN College, Kollam was conducted on the dates of January 27,28. The institutional

visit comprised of 30 students and three teaching staff. The following institutions were visited :

1. MS Swaminathan Research Foundation, Puthurvayal (January 27).
2. College of Veterinary and Animal Sciences, Pookode (January 27).
3. Pookode Tribal High School (January 27).
4. Regional Agricultural Research Station, Ambalavayal (January 28).
5. A talk with Cheruvayal Raman [a renowned farmer who has an extensive collection of seeds] (January 28).

COORDINATOR

PRINCIPAL

The following is a report on the institutional visits conducted by the mentees of WWS, SN College Kollam

from January 26 to 28, 2020 under the state funded scheme of 'Walk With a Scholar'.



List of institutions visited :

- 1. Ms swaminathan research foundation, puthurvayal (january 27)**
- 2. College of veterinary and animal sciences, pookode (january 27)**
- 3. Pookode tribal high school (january 27)**
- 4. Regional agricultural research station, ambalavayal (january 28)**
- 5. A talk with cheruvayal raman, a renowned farmer who has an extensive collection of seeds. (january 28)**

1. MS SWAMINATHAN RESEARCH FOUNDATION, PUTHUVAYAL



We visited the institution in the morning. Then, we attended a class conducted by Dr. N. Mohanan on the topic 'Conservation of Biodiversity'. The class was very interesting and informative. After that session, we were shown different varieties of plants in the botanical garden of the institution. We saw some rare species of plants there. The surroundings and the garden of the institution was really eye catching.



2.COLLEGE OF VETERINARY AND ANIMAL SCIENCES, POOKODE



We reached the college by noon. There we saw many animal specimens and skeletons. The faculty of the college showed great care in giving the details of the functions and features of different parts of various animals. Then we were taken to visit the different animals they take care and study in the college.



3. POOKODE TRIBAL HIGH SCHOOL

We got a wonderful opportunity to interact with the innocent children of this school. It was great to spend time with them. We exchanged some casual talks. They showed great interest in us, and from them we came to know some of the difficulties their community face in their life.



4. REGIONAL AGRICULTURAL RESEARCH STATION, AMBALAVAYAL



The next day morning we visited this institution. We had a session with assistant professor Dr. Shiriram. He gave us some of the details of the campus including its history, specialities, aims, current objectives and achievements. The annually conducted international flower fest – POOPOLI is one of their great achievements. The campus maintains a beautiful garden which is spectacular. The station is spread across 83 hectares of land with 15 blocks.

5. A TALK WITH CHERUVAYALRAMAN

It was a really informative and eye opening session for us. He told us the importance of keeping good food habits. He mentioned us about the changes that occurred to the natural processing of our food. He then shared some of his personal experiences in farming. He shared with us the kind of seeds he uses in farming and various methods that he adopts. He also mentioned about the crops that he had cultivated.

CONCLUSION



The two days that we spent in Wayanad was really energizing and informative. It gave us a handful of knowledge about various institutions and thereby about various plants and animals. The interacting sessions with the tribal school children and the renowned farmer Cheruvayal Raman added positivity and completeness to the wonderful study tour.

**COORDINATOR
PRINCIPAL**