

STAFF PROFILE



- 1) Name: S. PRAKASH
2) Designation: ASSISTANT PROFESSOR
3) Department: BOTANY
4) Qualifications: M.Sc., Ph.D.,

Academic:

Additional:

- 5) Experience (in years): Teaching: 8 Research: 15

6) Area of Specialization: Plant Biotechnology, Plant Virology, Genetic Engineering, Pollination Biology

7) Contact: E-mail: sprakashsnc@gmail.com Mobile Number: 8526553519

8) Grants Received (Conference/Workshop/Seminar/any other):

Event Title	Agency	Fund Received	Date
nil	nil	nil	nil

9) Project Completed:

Project Title	Agency	Fund Received	Duration
nil	nil	nil	nil

10) Project ongoing :

Project Title	Agency	Fund Received	Duration
nil	nil	nil	nil

11) Research Guidance:

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	nil	nil
M. Phil.	nil	nil

12) Research Publications:

	International	National
Total Number of Publications	10	5

List of International Publications:

1. Patharajan Subban, **Shanmugam Prakash**, Bootbool Maan Amir, Kutsher Yaarit, Evenor Dalia, Levin Ilan, Reuveni Moshe. 2021. Functional analysis MYB alleles from *Solanum chinensis* ad *Solanum lycopersicum* in controlling anthocyanin levels in heterologous tobacco plants. **Physiologia Plantarum**: 1-11 (*International Journal*) (ISSN:1399-3054) <https://doi.org/10.1111/ppl.13356>
2. Liat Avrahami-Moyal, Yehudit Tam, Noa Sela, **Shanmugam Prakash**, Yael Meller Harel, Menachem Bornstein, Ran Shulchani, Zion Dar, Victor Gaba. 2019. Characterization of potato virus Y populations in potato in Israel. **Archives of Virology**: 164: 1691-1695. (ISSN: 1432-8798) (*International Journal*)<https://doi.org/10.1007/s00705-019-04250-9>
3. Liat Avrahami-Moyal, Yehudit Tam, Marina Brumin, **Shanmugam Prakash**, Malina Perlman, Menachem Bornstein, Noa Sela, Mouhammad Zeidan, Zion Dar, Uri Zig, Amit Gal-On, and Victor Gaba. 2017. Detection of Potato virus Y in industrial quantities of seed potatoes by TaqMan Real Time PCR. **Phytoparasitica**: 45(4) 591-598. (*International Journal*) (ISSN: 1876-7184) <https://doi.org/10.1007/s12600-017-0612-z>
4. Diana Leibman, **Shanmugam Prakash**, Dalia Wolf, Aaron Zelcer, Ghandi Anfoka, Sabrina Haviv, Marina Brumin, Victor Gaba, Tzahi Arazi, Moshe Lapidot and Amit Gal-On. 2015. Immunity to tomato yellow leaf curl virus in transgenic tomato is associated with accumulation of transgene small RNA. **Archives of Virology**. 160(11):2727-39 (ISSN: 0304-8608) (*International Journal*)
5. **Prakash S**, Y Tam, M Zeidan, A Abu-Ras & V Gaba. 2013. First report of Sweet Potato virus C infecting Sweetpotato in Israel. **New Disease Reports** 28: 4 (ISSN: 2044-0588) (*International Journal*)
6. Elangomathavan. R, **S. Prakash**, K. Kathiravan, S Seshadri & S. Ignacimuthu. 2006. Plant regeneration through micropropagation from nodal explants of critically endangered and endemic plant *Exacum travancoricum* Bedd. **Journal of Plant Biotechnology**. 81: 51-55 (ISSN: 1229-2818) (*International Journal*)
7. Elangomathavan R, **S. Prakash**, K. Kathiravan, S. Seshadri & S. Ignacimuthu, 2003. High frequency *in vitro* propagation of Kidney Tea Plant *Orthosiphon spiralis* (Lour.) Murr, **Plant Cell Tissue and Organ Culture**. 72: 83-86, (ISSN: 0167-6857) (*International Journal*)
8. Arokiasamy S, **S. Prakash** and S. Ignacimuthu, 2002. Direct organogenesis from mature leaf and petiole explants of *Eryngium foetidum* L. **Biologia Plantarum**. 45, 129-132. (ISSN: 0006-3134) (*International Journal*)
9. **Prakash S**, K. Kathiravan, S. Seshadri, S. Janarthanan and S. Ignacimuthu, 2001 *In vitro* propagation and genetic stability of *Hybanthus enneaspermus* (L.f.) Muell. - plants. **Journal of Tropical medicinal plants**. 2: 253-258. (ISSN: 1511-8525) (*International Journal*)
10. Kathiravan K, S. Seshadri, **S. Prakash** and S. Ignacimuthu, 2001. Biotechnological applications in grain legume improvement: a critical review. **Plant Cell Biotechnology and Molecular Biology**. 2: 1-18. (ISSN: 0972-2025) (*International Journal*)

List of National Publications:

1. V. Anburaja, V. Nandagopalan, **S. Prakash** & A. Lakshmi Prabha, 2012. A report of the threatened plant *Decalepis hamiltonii* Wight & Arn. (Asclepiadaceae) from the mid elevation forests of Pachamalai Hills of Eastern Ghats, Tamil Nadu, India. **Journal of Threatened Taxa**. 4(15): 3447–3449. (ISSN: 0974-7907) (*National Journal*)
2. V. Anburaja, V. Nandagopalan & **S. Prakash**, 2011. Fly as pollinator in *Caralluma umbellate* Haw. (Asclepiadaceae) found in the Pachamalai hills, Eastern Ghats, Tamil Nadu. **Journal of Research in Biology**. 6: 403-407. (ISSN: 2231 –6280) (*National Journal*)
3. Ignacimuthu, S & **S. Prakash**, 2006. *Agrobacterium*-mediated transformation of chickpea with α -amylase inhibitor gene for insect resistance. **Journal of Biosciences**. 31: 339–345. (ISSN: 0250-5991) (*National Journal*)
4. Janarthanan S, S. Seshadri, K. Kathiravan, **S. Prakash** and S. Ignacimuthu, 2002. Screening of *Canavalia virosa* for α -amylase inhibitor gene, **Journal of Cytology and Genetics**. 3, 105-10, (ISSN: 0235-7605) (*National Journal*)
5. Arokiasamy S, **S. Prakash** and S. Ignacimuthu, 2001. High regenerative nature of *Paspalum scrobiculatum* L., an important millet crop. **Current Science**. 80: 496-498. (ISSN: 0011-3891) (*National Journal*)

13) Chapters in Books:

1. *Genetic engineering of chickpea for insect resistance*. Ignacimuthu S and **Prakash, S.**, 2007, In Biotechnology and Insect Pest Management, (Eds. S. Ignacimuthu and S. Jayaraj), Elite Publishing House, New Delhi, pp. 16-25. (ISBN: 81-7484-056-7)
2. *Bioinformatics - An Overview*, S. Seshadri, K. Kathiravan, R. Elangomathavan, **S. Prakash** & S. Ignacimuthu, Fundamentals of Bioinformatics, (Eds. Irfan Ali Khan and Atiya Khanum), pp1-12. 2003, Ukaaz Publications, Hyderabad, India. (ISBN: 81-88279-11-0)
3. *Bioinformatics - Approaches and Applications*, S. Seshadri, S. Janarthanan, K. Kathiravan, **S. Prakash**, R. Elangomathavan & S. Ignacimuthu, Fundamentals of Bioinformatics, (Eds. Irfan Ali Khan and Atiya Khanum), pp 28-44. 2003, Ukaaz Publications, Hyderabad, India. (ISBN: 81-88279-11-0)
4. *Biotechnological approaches on medicinally important species of Tylophora indica*, **S. Prakash**, R. Elangomathavan, K. Kathiravan, S. Seshadri and S. Ignacimuthu, Role of biotechnology in Medicinal and Aromatic plants, (Eds. Irfan Ali Khan and Atiya Khanum), Vol X, 2004, Ukaaz Publications, Hyderabad, India. (ISBN: 81-88279-11-0)
5. *Role of micropropagation in the conservation of some important medicinal plants*, K. Kathiravan, **S. Prakash**, R. Elangomathavan, S. Seshadri and S. Ignacimuthu, Role of biotechnology in Medicinal and Aromatic plants, (Eds. Irfan Ali Khan and Atiya Khanum), Vol X, 2004, pp 286, Ukaaz Publications, Hyderabad, India. (ISBN: 81-88279-11-0.)
6. *Biotechnological interventions in bioproduction of L-dopa - an Antiparkinson drug*, R. Elangomathavan, **S. Prakash**, K. Kathiravan, S. Seshadri and S. Ignacimuthu. Role of biotechnology in Medicinal and Aromatic plants, (Eds. Irfan Ali Khan and Atiya Khanum), Vol X, 2004, Ukaaz Publications, Hyderabad, India. (ISBN: 81-88279-11-0)

14) Other Publications (Proceedings): nil

15) Books Published: nil

16) Presentation in Seminar / Conference:

International: nil

National: nil

17) Participation in Conference: nil

18) Participation in Seminar: nil

19) Participation in Workshop: nil

20) Participation in Orientation Programme/ Induction Programme/ Short term Courses:

101st **Orientation Programme** – University Grant Commission - Human Resource Development Centre, Bharathidasan University, Tiruchirappalli from 18.05.2018 to 14.06.2018

Refresher Course - University Grant Commission - Human Resource Development Centre, Bharathidasan University, Tiruchirappalli from 11.12.2020 to 24.12.2020.

21) Participation in Faculty Development Programme: nil

22) Conference/ Seminar/ Workshop Organized: nil

23) Invited Speaker/ Session Chair – Conference/ Seminar/ Workshop: nil

24) Other Co-curricular / Administrative Responsibilities: nil

25) Member in Board of Studies: nil

26) Editorial/ Review Board Member: nil

27) Membership in Professional Bodies: nil

28) Awards received: nil

29) Consultancy: nil

30) Patents: nil

31) Any other information: nil

* Note : Please provide the total Numbers and details for each metrics