

CURRICULUM VITAE

S.N SHEIK UMAR SAHITH

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Designation	Associate Professor P.G. Department of Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli – 620 020
Date of Birth	31.07.1971
Area of Specialization	Zoology/Molecular Biology/Mosquito Biology
Residential Address	2 / 222 Mullippatty, Thirumalaisamudram, Mathur (Po), Tiruchirappalli (Dt) Pin : 622515

DEGREE	INSTITUTION	UNIVERSITY	FIELD	MARKS	YEAR OF PASSING
M. Sc.	Thiagarajar College Madurai	Madurai Kamaraj University Madurai	Zoology	76 %	1993
B.Sc.	Thiagarajar College Madurai	Madurai Kamaraj University Madurai	Zoology	73 %	1991

AWARD /PRIZE / CERTIFICATES

- 1. CSIR Junior Research Fellowship (JRF-NET) and Lectureship July -1994**
- 2. GATE 1994**
- 3. CSIR Senior Research Fellowship (SRF) February -1997**

TEACHING EXPERIENCE

S.No.	Course Taught	Name of the University / Institution	Duration
1.	B..Sc-Zoology	Jamal Mohamed College, Trichy – 20	From 28-09-1998 to Till Date
2	M..Sc-Zoology	Jamal Mohamed College, Trichy – 20	From 28-09-1998 to Till Date
3	M..Phil	Jamal Mohamed College, Trichy – 20	From 11-09-1999 to 2014

ORIENTATION /REFRESHER COURSES COMPLETED

S.No.	Name of the Programme	Name of the Sponsoring Agency	Place and Date
1	Orientation Programme (Value Education)	UGC-Academic Staff College	Bharathidasan University, Tiruchirappalli 21.02.2003 – 20.03.2003
2	Refresher Course (Rural Biotechnology for Sustainable Development)	UGC	Vivekananda College Madurai 05.11.2003 - 25-11-2003
3	Refresher Course (Recent Trends in Biological Sciences)	UGC-Academic Staff College	Madurai Kamaraj University Madurai 03.11.2009 - 23-11-2009
4	Refresher Course (Environmental Sciences)	UGC-Academic Staff College	Madurai Kamaraj University Madurai 03.12.2009 - 23-12-2009

PATENTS (Intellectual Property Rights)

S.. No.	India Patent Application No	Title	Date of Filing
1	202041026284	Functional modification in pallet jewels of mechanical watch escapement work.	22.06.2020
2	202041026654	Functional modification of gear teeth for better work.	24.06.2020
3	202041027360	Gear driven Double balance wheel system. An alternative to the hairspring based technology in watches.	27.06.2020
4	202041029157	Functional modification of gear teeth for high performance.	09.07.2020
5	202041031969	Circle escapement mechanism a replacement for Swiss lever escapement for mechanical watches.	27.07.2020
6	202041032231	Adapter Screw Driver.	28.07.2020
7	202041033129	Optimization of Swiss escapement mechanism in watches by the modification of club shaped teeth of escape wheel, Pallet jewels and Swiss lever.	02.08.2020
8	202041036460	Making bilateral symmetry with multiple pallet stones in Swiss lever of mechanical watches.	25.08.2020
9	202041037627	Modification of pallet stones of mechanical watches by grahams escapement method.	01.09.2020
10	202041056468	A modified Swiss lever escapement mechanism for better displacement of pallet lever in mechanical watches.	25.12.2020
11	202041001278	Square scale, Rectangle scale and straight rulers.	10.01.2022
12	202241070476	A wrench for adjusting suspension spring of vehicles	06.12.2022
13	202341015103	A Swiss lever escapement system for time piece	07.03.2023

Seminars/Conferences/Symposia Organized

S.No	Seminar, Conference and Workshops	Sponsored	Dates
1.	Recent Trends in Animal Sciences	Seminar UGC	23.02.2016
2.	3 rd International Conference in Environment and Health	UGC	01.03.2023 to 02.03.2023

Ph.D. Research Experience:

S.No.	Research Field	Name of the University / Institution	Duration
1.	Molecular Biology	School of Biotechnology Madurai Kamaraj University Madurai	From 1995 to 1998
2	Mosquito Biology	Jamal Mohamed College, Trichy – 20	From 2009 to 2012
3	Mosquito Biology	Jamal Mohamed College, Trichy – 20	From 2014 to 2015

Paper Publication

1. Sheik Umar Sahith. S.N., Shaheed Vattakkandathil. Periyasamy.M and Christobher. S, 2016 Analysis of the Vermicomposting Properties of *Lampito mauritii* Collected from Selected Areas of Tiruchirappalli District, Tamil Nad, Vol.3 pp.190-196.
2. Sheik Umar Sahith. S.N., Shaheed Vattakkandathi. Periyasamy.M and Christobher. S Analysis of the stability of egg proteins of *Gallus domesticus* (Leghorn) under storing condition, Journal of Science and technology investigation-ISSN: 2456-8082, Vol-1-1 November – 2016: 1-9.

Participation in Symposia / Seminars/ Workshop

1. Participated in the **National Seminar on Atomic Energy, Ecology and Environment**, sponsored by the Board of Research in Nuclear Sciences, Department of Atomic Energy and Atomic Energy Regulatory Board, Govt. of India at Jamal Mohamed College, Tiruchirappalli during Feb., 8 - 9, 2001

2. Participated in three day “**State Level Seminar on Animal Biotechnology – Challenges in Biology (ANIBIOTECH – 2004)**”. Organized by P. G. Dept. of Zoology, Jamal Mohamed College, Tiruchirappalli, during August 23-25, 2004

3. Participated in Recent Trends in Aquaculture Biotechnology- AQUABIOTECH-2008. Sponsored by University Grants Commission- Delhi, Organised by P. G. and Research Department of Zoology, Jamal Mohamed College-(Autonomous), Tiruchirappalli-20. 19-20, 2008

4. Participated in One day workshop on “Environmental Laws” -2008, Sponsored by C.P.R. Environmental Education Centre, Organised by Jamal Mohamed College-(Autonomous), Tiruchirappalli-20. 29-02-2008

5. Participated in One day workshop on “Environmental Laws” -2008, Sponsored by C.P.R. Environmental Education Centre, Organised by Jamal Mohamed College-(Autonomous), Tiruchirappalli-20. 29-02-2008

6. Participated in State Level workshop on Application of Biostatistics with statistical packages for College Teachers in Biology, Sponsored by Tamilnadu State Council for Science and Technology, Chennai – (TNSCST), Organised by P. G. and Research Department of Zoology, Jamal Mohamed College-(Autonomous) Tiruchirappalli-20. 13-14 October 2008

7. Participated in State Level Seminar on “Recent Trends in Environmental Biotechnology” (ENVIROBIOTECH -2008), Sponsored & Organised by P. G. and Research Department of Zoology, Jamal Mohamed College-(Autonomous) Tiruchirappalli-20. 13 March 2008

8. Participated in Two day BRNS & IANCAS Workshop on “Radio Chemistry and Application of Radioisotopes” Sponsored by Board of Research in Nuclear Sciences (BRNS) and The Indian Association of Nuclear Chemists and Allied Scientists (IANCAS), Organised by P.G. Dept. of Zoology, Jamal Mohamed College, Trichy. 18-9-2010 to 19-9-2010

9. Participated in One day workshop on “Environmental Laws” -2010, Sponsored by C.P.R. Environmental Education Centre, Chennai, Organised by Jamal Mohamed College-(Autonomous), Tiruchirappalli-20. 16 February, 2010

10. Participated in National Seminar on “Current Scenario in Environmental

Biotechnology” (ENVIBIO-2011), Sponsored by Jamal Mohamed College- (Autonomous), Tiruchirappalli-20. Organised by Department of Zoology, Jamal Mohamed College , Tiruchirappalli-20. 23 & 24, February, 2011

11. Participated in National Seminar on Environmental changes and Biowealth, - (NECB-2012), Sponsored & Organized by P.G. Department of Zoology, Jamal Mohamed College, Trichy, 31-1-2012

12. Participated in Workshop on Techniques in collection and Rearing of Biocontrol Insects (WOCRBI-2012), Sponsored & Organized by P.G. Department of Zoology, Jamal Mohamed College, Trichy, 1-2-2012

13. Participated in State Level Seminar on “Examination Reforms”- 2012, Sponsored by University Grants Commission, New Delhi, Organized by Jamal Mohamed College- (Autonomous), Tiruchirappalli-20. 24TH Feb 2012

14. Participated in National conference on Current challenges in Environment, Association of Environmental Analytical Chemistry India by P.G. Department of Zoology, Jamal Mohamed College, Trichy, March- 07, and 08-2013.

15. Participated in Seminar on Water Resources Management in Tamil Nadu (WARM-2014), UGC Sponsored & Organized by P.G. Department of Zoology, Jamal Mohamed College, Trichy, March-06-2014.

16. Participated in Seminar on Environment and Resource Management - (SERM- 2014), Sponsored by BARC, Mumbai and organized by P.G. Department of Zoology, Jamal Mohamed College, Trichy, September 19-2014.

17. Participated in National seminar on Sustainable Resource Management and Productive Environment, (SRMPE-2015) Sponsored by UGC, and organized by P.G. Department of Zoology, Jamal Mohamed College, Trichy, March -04-2015.