

**Arts Commerce & Science College, Kiran Nagar, Amravati**

**Teachers' Profile**

(Updated to March-2014)

Recent  
Photograph

1. Name (in Block Letters) : Sachin Keshaorao Tippat
2. Father's/Husband's Name : Keshaorao T. Tippat
3. Department : Environmental Sc.
4. Current Designation & Grade Pay : Asst. Prof.
5. Date of Joining : 28/12/1998
6. Date of last Promotion :
7. Address : 5-B Parag Township, Ram Nagar, Amravati
- Telephone No : 9420125680
- Email : sachintippat2@rediffmail.com

**8. Academic qualification:**

Examination Passed	University	Subject	Year of Passing	Division/ Merit
Bachelor's Degree	Amravati	Botany, Zoology, Chemistry	1992	II
Master Degree	Amravati	Botany	1994	I
M. Phil.	Amravati	Botany	2009	I
Ph. D	Amravati	Investigations on Climbing Plant communities with emphasis on ecological status in Amravati Region	2015	

**9. Teaching/Research Experience**

Level	Name of the University/ College/ Institution	Duration
UG	Arts, Sc. And Comm. College, Chikhaldara	02 years
	Arts, comm..and Sc. College, Kiran nagar, Amravati	19 years
PG	Brijlal Biyani Sc. College, Amravati	02 years
	Sir C. V. Raman P. G. and Research Institute, Amravati	02 years
	Arts, comm..and Sc. College, Kiran nagar, Amravati	10 years
Research	S. G. B. Amravati University	13 years

**10. Academic Staff College Orientation / Refresher Course attended during the year:**

S.No.	Name of the Course/ Summer School	Place	Duration	Sponsoring Agency
1	Refresher course	Academic Staff College, Nagpur University	15/07/04–14/08/04	UGC
2	Refresher course	Academic Staff College, Amravati University	08/11/05-28/11/05	UGC
3	Refresher course	Academic Staff College, Amravati University	04/10/10-21/10/10	UGC

**11. RESEARCH, PUBLICATIONS AND ACADEMIC CONTRIBUTIONS****A) Published Papers in Journals**

Sr. No.	Title with page nos.	Journal	ISSN / ISBN No.	Impact Factor, if any
1	Ecological study of Pohara Forest Near Amravati (M.S.)	National Journal of Environment Ecology	0970-0720	
2	Investigation on antioxidant, Antimicrobial and Phytochemical Profile of <i>Blumea Lacera</i> Leaf	International Journal of Biological and Pharmaceutical Research	2229-7480	1.34
3	Eco-taxonomical diversity and forest significance of Vitacean climbing plants of Amravati district,	Vidhyabharti International Interdisciplinary Research Journal	2319-479	
4	Analysis of Water parameters and ecological health of Chatree lake basin	Vidyabharti International Interdisciplinary Research Journal	1219-4979	
5	Physicochemical analysis of salt affected cropland from Takarkheda shambhu; Di. Amt.	Vidyabharti International Interdisciplinary Research Journal 14--15	1219-4979	
6	Survey of Biomedical Waste Disposal System in Some Hospitals of Amravati	International Jr. of Chemical & Physical Sciences	2319-6602	

7	Chemical composition and pharmacognostic study of crude plant extract of <i>Vernonia elaeagnifolia</i>	International Jr. of Pharma and Biosciences 15-16	ISSN 0975-6299	Impact factor 5.121*
8	Impacts of road construction and modifications on wild florai n Amravati City, Maharashtra.	International Jr of Research in Biosciences Agricultural Technology july 2017	2347-517X	Peer reviewed
9	Ecological Diversity of Climbing Plants in Tropical Dry Deciduous Forest of Melghat, Maharashtra, India	Aayushi International Interdisciplinary Re. Jr. March 2018	2349-638 x	
10	Impacts of Tourist activities on Wadali Lake Ecosystem, Amravati	Vidyawarta International Interdisciplinary Research Jr. 23(07) March 2018	2319-9318	

**B.(i) Articles / Chapters published in Books :**

Sr. No.	Title with page nos.	Book Title, editor & publisher	ISSN / ISBN No.
1			
2			

**B. (ii) Full Papers in Conference Proceedings:**

S.N.	Title with page nos.	Details of Conference publication	ISSN / ISBN No.
1	Buddhism,A religious approach towards environ	International Interdisciplinary Conference, Ramkrishna Mahavidyalaya,Darapur 11-12/03/11	
2	Avifaunal Diversity of Chatri lake, Amaravati. P 27-29.	National Conf. on recent advans. In envt.biology & biodiversity, Dept. of Life Sciences Indani College, Karanja 03-04/02/11	
3	Avifaunal diversity of Wadali lake, Amravati (MS) :47-50	National Conf. on Biodiversity & Coservation, Jijamata Mahavidyalaya, Buldhana, 2011-12	

4	Study of Malkhed Lake Tahsil Chandur Railway Di. Amravati with respect to Tourism : 269-272	Recent Trends in Biosciences G.S. Sc., Arts & Comm. College, Khamgaon, 2012-13	978-81- 922866-1.7
5	Biocoal; An alternative Non Conventional/Renewable Spource of Energy for Rural area: 697-700	Innovative Research Trends in Biological Scienses, Shiwaji Sc. College ,Akola, 2012-13	978-81- 923621-0-6
6	Status of Biomedical waste generated in some major hospitals of Amravati city; 25-29	National Conf. On Advances in Life Sciences: Present & Future, Vidyabharti Mahavidyalaya, Amravati 2012-13	
7	Watershade management through Farm pond in Telhara Tahasil.	National conf. on WMSD-2012-13	978-81-926- 09
8	<a href="#">Ecotourism</a> and sustainable devet. of <a href="#">Melghat</a> forest: an interaction of ecological, social and business feedbacks	Interdisciplinary International conference on Relevance of higher education for the development of human resources by Sunit's Institute of English language literature & research, Jalgaon	07- 08/03/2014
9	Review of Liana Diversity & their Significance in Tropical Forest Like Melghat	UGC, National Conference on Advance Studies In Life Sciences and medicinal Plants 19-20 Dept. Of Botany Nagnath A, C. & Sc. College, Aundha	
10	Soil Fertility Assessment of different habitats of Pohara- Malkhed Forest area, Dri. Amravati	UGC, National Conference on Envmt. Management & Sust. Economic Dept.- 75- 77. Jawaharlal Nehru A.C.& Sc. College, Wadi, Nagpur	ISSN-978-93- 5254-253-6
11	Impacts of waste water on soil parameters irrigated by sewage water in Amravati sub-urban area	UGC sponsored National Conference on recent trends in Conservation of Biodiversity-173-176. S.S.S.K.R. Indani Mahavidyalaya Karanja Lad	ISSN- 2319- 4979
12			

B. (iii) Books Published as single Author or as Editor:

Sr. No.	Title with page nos.	Type of Book & Authorship	Publisher & ISSN / ISBN No.
1.	Introduction To Environment	Text Book For UPSC/MPSC/NET/SET	Adhar Pub. Amravati
2.			

**C. Ongoing and Completed Research Projects**

Sr. No.	Title	Agency	Period	Grant /Amount Mobilized (Rs lakh)
1.	“Ecological Status, Biomechanical Adaptation and Forest Significance of Climbing Plants in Melghat area, Dist. Amravati (M.S.)”	UGC	2014-16	1,30,000

**(D) Research Guidance:**

Sr.	Number Enrolled	Thesis Submitted	Degree awarded
1.	M. Sc. Curriculum Projects	22	22
2.	M. Phil. Or equivalent	--	--
3.	Ph. D. or equivalent	--	--

**(E) (i) Papers presented in Conferences, Seminars, Workshops, Symposia :**

Sr. No.	Title of the Paper	Title of Conference / Seminar	Organized by	International / National / State /Regional / College or University level
1	Effects of air pollutants on road side flora at Amravati. p-48	Conference on modern trends in plant sciences	Dept. of Botany S.G.B. Amravati University Amravati ,17-20 Feb. 2005	International
2	Review of Pohara Forest ecosystem and its biodiversity changes p-117	Conference on modern approaches and innovations in Biotech and Biodiversity conservation,	Shiwaji Sc. College Amravati ,28-30 December 2007	National
3	Ecological study of Pohara forest near Amravati p-18	Seminar on Innovations in Basic sciences in the Realm of modern	J. B. Sc. College Wardha, 27-28 Dec. 08	National

		education system,		
4	Floral morphology, pollen production and Insect behaviour in grassland community, p-85	Conference NCRBT-09	Institute of Sc. Nagpure 20-21 Dec. 2009	National
5	Pollination ecology of some ornamental plants from garden community, p-107	Conference on Trends in Plant sciences, Today and Tomorrow	Shiwaji sc.College Akot 22-23 Feb 2010	National
6	Effects of some/gases generated through thin film Dielectric Research Labs on Surrounding environment, p-98	Seminar on Water Energy and Environment	P.N. College Pusad 30 Jan 2010	National
7	Poster-Avian Fauna in & around Amravati city	Seminar and poster competition on life Sc.technologies: An emerging frontier	J. B. Sc. College Wardha, 26/12/2010	National
8	Effects of Temp., Humidity & Rainfall on pollinators & pollination, p-52	Conf. on Climate Change and its Consequences	Bhartiya Mahavidyalaya, Amaravati, 12-13/01/2010	National
9	Physicochemical analysis of Kondeshwar lake, Badnera p-22	National Seminar on Environmental pollution & remedies	Dept. of EVS, Deogiri college, Aurangabad 24-25/9/2011	National
10	To study the status of plastic waste generated through panthelas at some public places in Amravati city p-.23	National Seminar on Environmental pollution & remedies	Dept. of EVS, Deogiri college, Aurangabad 24-25/9/2011	National
11	Floral.Diversity, pollination. Eco., & Insect Behav.in some wild plants of Grassland community, p-64	National conf. on Innovations in Biosciences	R.A.Arts, M.K. Comm. & Rathi Sc. College, Washim 14-15/10/2011	National

12	Avifaunal diversity of Wadali lake, Amravati (MS) :47-50	Conf. on Biodiversity & Coservation 2011-12	Jijamata Mahavidyalaya, Buldhana,	National
13	Physico-Chemical Charecteristics Of Kondeshwar Lake, Badnera, Di. Amravati	Seminar on Environmental quality and remedies 2011-12	Deogiri College, Aurangabad	National
14	To study the status of plastic waste generated Through panthelas at some public places in Amravati city	Seminar on Environmental quality and remedies	Deogiri College, Aurangabad	National
15	Floral diversity, Pollination ecology and Insect Behaviour in Some local wild plants of Grassland community	Inovations in Biosciences 2011-12	Arts, comm. & Sc. College Washim	National
16	Floral diversity and insect behavior in Narsamma garden community, Amravati	Status of Biodiversity in India 2011-12	RDIK College, Badnera	National
17	Study of Malkhed Lake Tahsil Chandur Railway Di. Amravati with respect to Tourism	Recent Trends in Biosciences 2012-13	G.S. Sc.,Arts & Comm. College, Khamgaon	National
18	Biocal; An alternative Non- Conventional /Renewable Spource of Energy for Rural area	Innovative Research Trends in Biological Scienses 2012-13	Shiwaji Sc. College ,Akola,	National
19	Status of Biomedical waste generated in some major hospitals of Amravati city; 25-29	Conf. On Advances in Life Sciences: Present & Future,	Vidyabharti Mahavidyalaya, Amravati	National

20	Adaptability of <i>Cryptostagia grandiflora</i> , an exotic weed plant in Amravati city	Annual conf of Indian Asso. For Angio.- Taxonomy on Innovative prospects in Angiosperms Taxonomy	Dept. Bot. SGB Amravati Univ. Amravati	International
21	Diversity of Liana in the Urban habitats of Amravati City  Poster	Recent Trends in Biotechnology & Biodiversity 22-23/09/17	Shree Shiwaji Sc. College, Amravati	National
22	Ecological Diversity of Climbing Plants in Tropical Dry Deciduous Forest of Melghat, Maharashtra, India	UGC & DST Sponsored International Conference on Recent Trends in Science & Technology Organized by Date: 22nd & 23rd March, 2018	S.S.S.K.R. Innani Mahavidyalaya, Karanja (Lad)	International

**(E) (ii) Papers presented in Conferences, Seminars, Workshops, Symposia :**

<b>Sr. No .</b>	<b>Title of the Paper</b>	<b>Title of Conference / Seminar</b>	<b>Organized by</b>	<b>International / National / State /Regional / College or University level</b>
11	Effects of air pollutants on road side flora at Amravati. p-48	Conference on modern trends in plant sciences	Dept. of Botany S.G.B. Amravati University Amravati ,17-20 Feb. 2005	International
2	Review of Pohara Forest ecosystem and its biodiversity changes p-117	Conference on modern approaches and innovations in Biotech and Biodiversity conservation,	Shiwaji Sc. College Amravati ,28-30 December 2007	National



3	Ecological study of Pohara forest near Amravati p-18	Seminar on Innovations in Basic sciences in the Realm of modern education system,	J. B. Sc. College Wardha, 27-28 Dec. 08	National
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**(E) (iii) Invited Lectures and Chairmanships at national or international Conference/Seminar etc.**

Sr. No.	Title of lecture / Academic Session	Title of Conference / Seminar etc.	Organized by	international / national	Nature of Honor
1	Technical session	Green Conference	College of Engineering and Technology, Amravati	State	Chairmanship
2	Plainnery Lecture	Recent Trends in Biotechnology & Biodiversity 22-23/09/17	Shiwaji Sc. College ,Amravati	National	Chairmanship

## **12. Contribution in CO-CURRICULAR, EXTENSION, PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES.**

### **(i) Extension, Co-curricular & field based Activities**

- Involvement in Environmental Education & Awareness programme at School Level, since 2005
- Involvement in Eco-friendly Ganesh-Festival, Conservational activity and Bird watching activities in association with wild life & conservation society Amravati Since 2007
- Involvement in various horticultural as well as floral display activity under Garden Club Since 2014

### **(ii) Role in College Activities**

- Involvement in College Gathering and Sports activity
- Involvement in College NNS activity as well as camp
- Involvement in College Local visits and Excursions
- As an Incharge involvement in Alumni Association Cell
- Involvement in various routine cultural as well as academic activities

- Involvement in college admission committee
- Worked as Center In charge in University examination Winter 2017

**(iii) Membership of Academic/Social Organizations:**

- Bombay Natural History Society (Life Member since 2012-13).
- Wild Life & Environmental Conservation Society (Life Member since 2011-12).
- Amravati Garden Club (Life Member since 2013-14).
- Life member of water management Dept. Nashik. Govt. of Maharashtra (since 2011-12).

**(iv) Role in university activities**

- Internal as well as external examiner in University examination (UG & PG)
- Paper setting and valuation (UG & PG)
- Subject Examination Committee member (UG & PG)
- Syllabus Setting Committee member (UG & PG)
- Involved as subject expert in university interview committee for selection of assistant professor

### **13. Innovations/ Contributions in Teaching**



**Design of Curriculum**

- Involved as subject expert in university syllabus setting committee (UG & PG)



**Teaching Methods**

- Conceptual explanation of syllabi with proper examples and related guidelines
- Possible practical use and field base clearance for better and deeper perceivance
- Subjective as well as objective tests on related topics for update
- Provision of assignments and projects for practical knowledge
- Organization of local visits and excursions to related area for field knowledge and carrier development
- Use of modules, specimens, charts, photographs, field material as well as web material



**Laboratory Experiments**

- Conceptual explanation of principles and procedure of prescribed experiments
- Performance of experiments by using minimum infrastructure and resources
- Required up gradation of procedures through proper media and related colleagues
- Field base experiments and local visits for collection of samples



**Preparation of resource materials**

- Use of reference books and journals
- Use of internet, e-journals and other electronic media
- Use of university library and related departments of other colleges
- Dialogs with colleagues and related expertise for knowledge up gradation

**14. Details of any other credential, significant contributions, and awards received.**

<b>Sr.No.</b>	<b>Details (Mention Year, value etc. where relevant)</b>
1	Involved as a resource person in water based workshop at Bhankheda organized by Shiwaji Sc. College, Amravati 2010
2	Involved as a resource person in Fuel Conservation Programme of MSRTD, Amravati
3	Involved as a resource person in Government plantation programme at Rahatgaon
4	Involved as a resource person at GOVT. polytechnic College Amravati.
5	Involved as a resource person in Apiculture programme at Arts Comm. & Sc. College Chikhaldara 11/02/14
6	Involved as a resource person in Orientation Course Organized by Academic Staff College, SGB Amravati University
7	Deliver guest lecturer at Government Polytechnic college Amravati (20/09/2014)
8	Deliver guest lecturer at A.C.Sc.Jr. College, Amravati (06/12/14)
9	Involved as a resource person in MSRTC Amravati Depot Road Safety Programme (01/01/15)
10	Involved as a resource person in MSRTC Amravati Depot Fuel Conservation Programme (16/01/15)
11	Involved in MPCB Crackers Noise monitoring activity 29/10/2015
12	Involved as a Resource Person in MPCB Organized Environmental Day Programme, 05/06/2015
13	Involved as a member in MPCB Pollution Monitoring Meeting at Collector office Amravati (16/01/16)
14	Involved as a resource person in Maharashtra Jeewan Pradhikaran Mandals Environment Day Programme at Amravati (06/06/2017)
15	Involved as a Judge of Poster Competition at Vidyabharti Mahavidyalaya , Amravati 19/01/2018
16	Involved as a Resource person in the Green India Clean India campaigning at Vidyabharti Mahavidyalaya , Amravati 19/01/2018
17	Conducted and assessed seminars on 10/09/18 in UGC sponsored Refresher Course In Environmental Studies

18	Involved as a resource person in Short Term Course in Environmental Conservation Organized by Academic Staff College, SGB Amravati University (14/10/18)
19	Delivered Guest Lecture On Ecological Succession at D. M. Burungle College, Shegaon (27/02/19)

15. Any other information:

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Signature