

**Dr. S. R. Manik**  
**Professor**  
**Department of Botany**  
**Sant Gadge Baba Amravati**  
**University, Amravati- 444602**

## **Curriculum Vitae**

**Name** : SURENDRA RAGHOBAN MANIK  
(First name) (Middle name) (Surname)

**Designation** : Professor, Department of Botany, Sant Gadge Baba  
Amravati University, Amravati

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**Nationality** : Indian

**Date of Birth** : 13/11/1956,  
(Thirteenth November Nineteen Fifty Six)

**Educational Qualification** :

S. No.	Exam. Passed	University/ Board	Division	Years of Passing	Subjects offered
1.	B.Sc.	Nagpur University	II	1977	Zoo, Botany, Chemistry
2.	M.Sc.	Nagpur University	II	1980	Botany (specialization. Cytology Genetics)
3.	Ph.D.	Kanpur University	--	1989	Botany (Palaeobotany)

**Teaching Experience** :

Post Graduate Teaching experience of 19 years at Department of Botany, Amravati, University, Amravati (from Jan. 1992 till date)

**Research Experience** :

Actively engaged in research; 9½ years research experience at Birbal Sahni Institute of Palaeobotany, Lucknow (from April 1982 to Dec. 1991, including Ph.D. work from 1982 to 1988) and 19 years of teaching and research at Deptt. of Botany Amravati University, Amravati.

Papers Published : 25  
i) National : 21  
ii) International : 04

(List attached)

**Employment Details:** (Chronologically from present position)

S. No.	Name of Institution	Full Address of Employer	Post Held	Period	
				From	To
1.	Sant Gadge Baba Amravati University	Deptt. of Botany, Amravati University	Professor	6.10.2008	Continuing
2.	Amravati University	Deptt. of Botany, Amravati University	Reader (Promoted)	1.1.2001	5.10.2008
3.	Amravati University	Deptt. of Botany, Amravati University	Lecturer (Sr. Scale)	1.1.1996	31.12.2000
4.	Amravati University	Deptt. of Botany, Amravati University	Lecturer	1.1.1992	31.12.1995
5.	B.S.I.P. Lucknow	Birbal Sahni Institute of Palaeobotany, Lucknow.	Jr. Scientific officer	1.4.1990	30.12.1991
6.	B.S.I.P. Lucknow	Birbal Sahni Institute of Palaeobotany, Lucknow.	Sr Scientific Assistant	23.9.1985	31.3.1990
7.	B.S.I.P. Lucknow	Birbal Sahni Institute of Palaeobotany, Lucknow.	Jr Scientific Assistant	22.4.1982	22.9.1985

**Research Projects Completed:**

- ❖ Co-principal investigator of the DST sponsored project "Study of fossil biota from Gondwana rocks of district Betul, (M.P) and its possible implications on Gondwana palaeogeography (Rs.7.74.000/-). Under this project detailed work on mega floristic evidences was undertaken. The study emphasized the palaeogeographic conditions, and phylogenetic significance of the fossil flora. (Dr. A. K. Srivastava)
- ❖ Co-principal investigator of the project on "Improvement of Infra-structural facilities in Botanic Garden" sanctioned by Ministry of Environment and Forests, Govt. of India, New Delhi (Rs. 3.00.000/-). The renovation of green house, was undertaken, along with other infra-structural facilities in the garden. (Prof. Dr. U. S. Chaudhari)
- ❖ Principal Investigator, Minor research project entitled "Studies on specific environmental features of Melghat forest District, Amravati" sanctioned by UGC (Rs.96,000/-)
- ❖ Co-Principal Investigator, Minor research project entitled "Phytochemical studies during growth and development of some medicinal plants in Melghat Forest" (Dr. (Mrs.) V.N. Nathar (Rs.1,00,000/).
- ❖ Co-Principal Investigator, Major Research Project entitled "Creation of experts directory of scientists in life sciences" sanctioned by NSTMIS, New Delhi. (Dr. Rajesh Singh. Rs.13,50,480/-

**Research Guidance:**

Eight students namely Shri U.S. Patil, Ku. U.R. Kokate, Mr. D.M. Ratnaparkhi, K.D. Jadhav , Ku. P.P. Ulhe, Ku. U.G. Malode, Ku. U.R. Raulkar and Mr. A.N. Korpenwar successfully completed and awarded Ph.D.

Also supervised partially the research work of Ku. R.R. Gawande of Geology Department pertaining to mega floristic investigations. Research work of three students is being actively supervised.

- i) Mr. U.S. Patil : Medico-botanical and socio-cultural studies of the plants of piedmont belt of Satpuda in Amravati District. (185/2002 dated. 10.10.2002).
- ii) Ku. U.R. Kokate : Investigations on diversity of non-flowering vascular plants in Melghat forest, district Amravati. (39/2007 dated 12.2.2007).
- iii) Mr. D.M. Ratnaparkhi : Community ecological studies in Melghat forest with emphasis on eco-tourism. (77/2007 dated 25.10.2007).
- iv) Mr. K.D. Jadhav : Investigations on some morph-taxonomical and phyto-chemical evaluation of ethno-medicinal plants. (44/2008 dated 20.03.2008).
- v) Ku. P.P. Ulhe : Seed morphological and micropropagation studies of some medicinal plants (84/2008 dated 21.11.2008).
- vi) U.G. Malode : Structural investigations of some of the ethnomedicinal plants from Amravati District. (62/2009 dated 25.06.2009)
- vii) Ku. U.R. Raulkar : Studies on phytochemical analysis and antimicrobial properties of some herbal plants used by tribals of Melghat, District Amravati (21.08.2009)
- viii) Mr. A.N. Korpenwar : Studies on ethno-botanical diversity of Buldhana District (M.S.) with reference to medicinal importance. (32/2010 dated 23.09.2010)

**Award Received:**

- ❖ Received Birbal-Savitri Sahni Medal conferred by Birbal-Savitri Sahni Foundation, Lucknow on 18.2.2005 at International Conference, ICPSBC-2005 during 17<sup>th</sup>-20<sup>th</sup> February, 2005.

**Participation in Orientation/ Refresher course:**

- ❖ Completed orientation course from 4th March to 27th March, 1997 conducted by ASC, Nagpur.
- ❖ Refresher course from 30.3.98 to 19.4.1998 conducted by, ASC, Jabalpur.
- ❖ Refresher course from 10.12.98 to 31.12.1998 conducted by ASC, Kashmir.

**Training Programme:**

- 1) Participated in the training programme entitled "Basic training in Recombinant DNA Technology and PCR", organized by Bangalore Genei, Bangalore, from 17<sup>th</sup> to 20<sup>th</sup> February, 2004.
- 2) Participated in training programme conducted by MCED, under the sponsorship of DST, New Delhi, from 7th- 18th October, 2003, at MCED, Amravati.

- 3) Participated in workshop on Plant Tissue Culture and Biotechnology organized by Deptt. of Plant Biology and Biotechnology, Loyola College, Chennai, during 25<sup>th</sup>-28<sup>th</sup> January, 2006.

**Contribution in Administration :**

- ❖ Contributed in establishing, shaping and overall development of the Department of Botany, Amravati University, Amravati since April 1992 to Jan. 1995. Worked as Head of the Department and managed the academic, research and administrative responsibilities of the Department for 3 years.
- ❖ Actively participated in organizing University programmes. Contributed actively in organizing botanical excursions, guest lectures, and refresher courses in the Department. Also, worked as a coordinator of the Department of Microbiology during 1993-94 and 1994-95 and managed the academic and administrative activities of the Department of Microbiology.

**Help in Administration:**

- ❖ Active participation in organizing “Avishkar-2008” Inter-University research festival during 08-10 January 2009 hosted by Sant Gadge Baba Amravati University.
- ❖ Active involvement in framing choice based Credit System and restructuring of the syllabus.
- ❖ Professor and Head, Post Graduate Department of Botany, Sant Gadge Baba Amravati University, Amravati.
- ❖ Conducted 3 week programme of Refresher Course in Environment Science during 04/10/2010 to 23/10/2010 by ASC at Post- Graduate Department of Botany, Sant Gadge Baba Amravati University, Amravati.
- ❖ Honorary Director, Dr. Ambedkar Studies Centre, established under the UGC’s scheme Social Thinkers of India. (2007-2009)
- ❖ Coordinator, Competitive Examination Guidance Centre, Sant Gadge Baba Amravati University, Amravati.
- ❖ Organizing Secretary of National level conference on Recent Trends in Botany, during 8-9th December, 1993. At Deptt. of Botany, Amravati University.
- ❖ Organizing Secretary of International Conference on Modern Trends in plant sciences with special reference to role of biodiversity in conservation during 17<sup>th</sup>-20<sup>th</sup> February, 2005 at Deptt. of Botany, Amravati University.
- ❖ Worked as a member of Central Admission Committee for post-graduate courses, continuously for three years.
- ❖ Active participation in organizing University/ Departmental activities like National Science Day; Exhibition, “Ashwamedh” activities, Departmental examinations etc.

- ❖ Worked as a VC Nominee and subject expert on selection committees; member of BOS, sub committees for revising syllabus etc.
- ❖ Member of (RRC) Research and Recognition Committee.

**Membership of University Bodies:**

- i) Director, Board of College and University Development in 2008-2009
- ii) Member, Management Council in 2008-2009
- iii) Member, Senate in 2008-2009
- iv) Member- Secretary, BUTR in 2008-2009
- v) Member, BOS in 2008-2009.
- vi) Member of Board of Studies in Botany, in 1993.
- vii) Ex. Officio member of BUTR, in 1993.
- viii) Member of Selection Committees.
- ix) Member of Local Enquiry Committees.
- x) Member-Secretary Academic and Administrative Audit committee.
- xi) Member of Committee for Ph.D. aptitude test, Nov., 2005, May, 2006 & Jan., 08.

**Membership on Executive Council:**

- i. Elected unanimously as councellor on Executive council of The Paleobotanical Society, Lucknow for term 2010-12

**Member of Academic Bodies:**

**Life Member:**

- i) Indian Botanical Society, Jaipur.
- ii) Indian Association for Angiosperm Taxonomy, Calicut.
- iii) The Palaeobotanical Society, Lucknow.
- iv) Indian Science Congress Association, Kolkata.

**Member:**

- i) International Organization of Palaeobotany.
- ii) Nature Conservation Society, Amravati.

**Co-curricular and Extra Curricular Activities:**

- Organized Botanical Excursions.
- Member of Accommodation Committee "Ashwamedh-2003"
- Evaluation of Ph.D. theses.
- Botanical Society activities.
- Conducting SET Examination.
- Member, Awishkar-2008-09.

### **Student Registered for Ph.D. :**

1. Mr. T. B. Wankhede, Investigations on eco-environmental impact of Bryophytes of Melghat with reference to soil micro-floral association. (AU/554/Ph.D./Bot-4 1/2008 w.e.f 15.7.2008)
2. Mr. S.G. Mhaske, Studies on Ethno-medicinal Plants Significantly effective against chronic diseases. (AU/554/Ph.D./Bot- 1/2008 w.e.f 15.7.2009)
3. Mr. S.S. Shendge, Investigations on fossil flora of East Gondwana Godavari basin. (AU/554/Ph.D./Bot-4 1/2008 w.e.f 15.7.2009)
4. Mr. S.G. Tayde, Antioxidants and antibacterial activity of some medicinal plants of melghat forest. (AU/554/Ph.D./Bot-11/2010 w.e.f 15.7.2010)
5. Mr. S.A. Saudagar, Studies on ecocomplexity of plant communities from east Melghat forest district, Amravati.
6. Mr. V.K. Dorkar, Investigations on cultivation of some medicinal plants.
7. Mr. S.M. Sharma, Studies on Angiospermic aromatic plants with special reference to their Phytochemical constituents.

### **Faculty Development Programme 2010:**

- i) Under the guidance of Dr. S.R. Manik, Mr. T.B. Wankhede, Assistant Professor in Botany, Shri. Shivaji Science College, Amravati is availing the UGC's Faculty Development Programme and joined the Department of Botany, Sant Gadge Baba Amravati University, Amravati on 18/08/2010 for two years under XI<sup>th</sup> Plan.

### **Students who completed M.Phil. Dissertation:**

1. Mr. S.G. Mhaske : Phytochemical evaluation of *Dolichandran talcata* wall exDC (SGBAU/M.Phil./bot-42/2007 dated 29.9.2007).
2. Ku. R.B. Olambe : Studies on phytochemical analysis of ethnomedicinal plants (SGBAU/M.Phil./bot-42/2007 dated 29.9.2007).
3. Mr. K.U. Makode : Studies on vegetation around Narnala wildlife sanctuary (M.S.) (SGBAU/M.Phil./bot-42/2007 dated 29.9.2007).
4. Ku. K.B. Gadge: Agro-botanical investigations in ethnomedicinal plants from Melghat forest, Dist: Amravati. (SGBAU/M.Phil./bot-42/2007 dated 29.9.2007).
5. Mr. Prassana Joshi : Studies on the effect of Coal mine over burden on growth of leguminous plants 2008-09.
6. Mr. Ravindra Matte : Inventorisation of medicinal plants with reference to Kolam tribe Dist. Yavatmal 2008-09.

### **Technical Sessions Chaired / Chief Guest in Conferences**

- Chief Guest in National Seminar on "Emerging Trends in Chemical and Life Sciences and its relevance to environmental conservations at Nutan Adarsh Arts Commerce and Smt. Maniben Harilal Wegad Science College Umred, 4/12/2009.
- Chaired the Technical Session At International Conference of Indian Botanical Society at Shivaji University, Kolhapur 10-12 November 2010.

( S. R. Manik)

#### ANNEXURE –I

##### List of Publications Dr. S.R. Manik : 24

1. Manik S.R., (1987), Some new genera of Triassic Seeds, *Palaeobot*, 36, 197-200.
2. Srivastava, S.C. and Manik S.R.(1990), *Rostrumaspermum Venkatachalli* gen. et.sp. nov., an archegoniate seed from Triassic of Nidpur, India, *Palaeobot*, 38, 98-104.
3. Manik, S.R. & Srivastava, S.C. 1991 : Conifer wood from new sites of Gangapur Formation, India, *Act Biologica*, Szeged, Germany, 37, 45-55.
4. Srivastava, S.C. and Manik, S.R. (1992) Triassic flora of India a transition, *Palaeobot*, 40, 244.
5. Srivastava, S.C. and Manik, S.R. (1993), Indian seed Compressions from Triassic of Nidpur in evolutionary perspective, *coloquios de paleontologia* 45; Madrid, 209-219.
6. Srivastava. S.C. and Manik S.R., (1993), Taxonomic diversity of Triassic seeds from India. Proceedings of the eighth Gondwana Symposium, Hobart, Australia, in Findlay, Unrag, Banks, Veevers (eds), *Gondwana eighth Assembly, Evolution & dispersal* 265-275.
7. Srivastava, S.C. and Manik S.R., (1996), Reconsideration of *Savitrispermum* from Triassic of Gondwanas, *Geophytology* 26( 1): 1-11.
8. Srivastava, A.K. Banubakode, P.D. Kale, V.M. Patil, G.V. & Manik, S.R. (1999) : Lower Cretaceous plant fossils from Bairam- Belkher area, District Amravati, Maharashtra and District Betul, Madhya Pradesh & their significance in stratigraphy, *Palaeobotanist* 48 (1), 39-48.
9. Srivastava, S.C.; Manik, S.R., & Prakash, N. (2000) : Observations on Triassic seeds with remarks on their morphology in fossil state *Botanical Essays, Tribute to Professor Bahadur Singh*, 183-216.
10. Srivastava, S.C.; Manik, S.R., & Prakash, N. (2001) *Chaturvedecarpon chauhanii* a new seed associated with other seed genera from 200 million years old (225 My Triassic) rocks of India. *Plant Cell Incompatibility*, 30:98.
11. Srivastava, A.K.; Manik S.R., Patil, G.V. & Gawande, R.R. (2001). Record of genus *Hausmannia* Dunker from the Upper Gondwana of Bairam- Belkher area, Amravati district, Maharashtra and Betul district, Madhya Pradesh. *Curr. Sci.* 81(7) :756-757.

12. Manik S.R. ; Palil, U.S. & Pachkhede, A.U., (2002): Amravati Kshetra ki Aushadhiyukt Vanaspatiyonka Adhyayan, Proceedings of the National Seminar on Bharat me Vigyan ke Badhate Charan, "Bharat me Vigyan ki Uplabdhiyan" (ed. N. Khare and P.C. Pandey), NCAOR, Goa, 2002 : 234-238.
13. Pachkhede, A.U. & Manik, S.R. (2002): Effect of Nutritive media on growth of different species of *Curvularia*, *Drechslera* and *Biopolaris*. *J. Basic Appl. Mycol* 1(1): 55-57.
14. Patil, U.S. Manik, S.R & Pachkhede, A.U.(2004) : Morphotaxonomic authentication of ethno-medicinal plants from Amravati District, M.S. *J. Comp. Toxicol, Physiol* 1(2) : 118-126.
15. Pochhi, D.U. Patil, U.S. & Manik , S.R. (2004): Karyotypic studies in two species of *Cassia* L. *J. Comp. Toxicol Physiol*, 1 (2): 167-171.
16. Srivastava, A.K. Manik, S.R.; Patil, G.V. & Gawande. R.R. (2004) : The genus *Araucarites* from Upper Gondwana succession (Early Cretaceous) of Bairam- Balkher area, district Amravati Maharashtra and district Betul, Madhya Pradesh *Palaeobotanist*: 53 : 91-95.
17. Srivastava, A.K. Manik, S.R.; Gawande, R.R. & Patil, G.V. (2004) Pteridophytic remains from early Cretaceous succession, *Geophytology*, 34:105-114.
18. Srivastava, A.K., Manik, S.R. and Gawande, R.R., 2004 Lithofacies analysis and depositional environment of Upper Gondwana (Early Cretaceous) succession of Bairam- Belkher area, district Amravati, Maharashtra and district Betul, Madhya Pradesh, *Journal of Indian Association of Sedimentologist*, Aligarh. 23 (1 & 2):79-86 .
19. Ratnaparkhi, D.M., Manik, S.R. and Nathar, V.N. (2005) Implications of characteristic Environmental Parameters of Melghat Forest, Dist. Amravati, *Environmental Conservation Journal* 6(2) : 75-81.
20. Nathar, V.N., Kaley, D.M., Tidke, J.A., Manik, S.R., and Chaudhari, U.S. (2005) Biochemical changes effected by 'Boron' on growth and development of Potato (*Solanum tuberosum* L.) *J. Comp. Toxicol, Physiol*, 2(I & II):18-27.
21. Ulhe, P.P., Manik, S.R. and Deshmukh, P.D. (2006) Studies on seed anatomical structure in Umbelliferae and Malvaceae (In : Chaudhari, U.S. et al. (Eds.) *Proceedings of ICPSBC-2005*):192-196.
22. Ratnaparkhi, D.M. and Manik, S.R. (2006) Impact of soil and water on biodiversity of Melghat forest, Dist. Amravati, Maharashtra (In : Chaudhari, U.S. et al. (eds.) *Proceedings of ICPSBC-2005*):201-207.
23. Srivastava, A.K., Manik, S.R., Gawande, R.R. (2007) Diversity of gymnospermous plant remains from Upper Gondwana (Early Cretaceous) succession of Bairam-Belkher area district Amravati, Maharashtra and district Betul, Madhya Pradesh, with remarks on stratigraphic age and plaeoclimete, *Phytomorphology* 57 (3 & 4) : 153-163.
24. Malode U.G.and Manik S.R. (2009) : Anatomical features of *Tribulus terrestris* L. *Bioinfolet* 6(1) :1-3

25. Jadhao K.D. and Manik, S.R. Antioxidant Analysis of some Medicinal plants of Melghat Biosphere, Bionanofrontier *ACCEPTED*

**Papers under Review : 01**

Srivastava, A.K., Manik, S.R., Gawande, R.R.: Fluvial traces from upper Gondwana (Early Cretaceous) succession of Central India. Ichnos, Canada.

**ANEEXURE -II**

**Participation in Conference/ Symposia/ Seminar :**

- Participated and presented a paper in National workshop on Concepts, Limits and extension of the Indian Gondwana, B.S.I.P., Lucknow during Nov. 14-18, 1987.
- Participated and presented a paper in symposium "Vistas in India Palaeobotany" organized by B.S.I.P., Lucknow on Nov. 14-16, 1988.
- Participated and presented a paper in Symposium Four decades of Indian Palaeobotany organized by B.S.I.P., during Nov.18-19, 1991.
- Participated in National Seminar on Recent Trends in Biological Sciences organized by School of Life Sciences, Pandit Ravishankar Shukla University, Raipur during July 18-20, 1994.
- Participated and presented paper in Seminar on Perspectives of medico- botany organised by Agharkar Research Institute, Pune during June 5-7, 1996.
- Participated and presented paper in National Conference on flowering plants: Systematics and diversity during Oct. 16-18, 1997.
- Participated and presented paper in National Seminar on Integrated Management of Plant resources at Chhindwara during January 23-24, 1998. ,
- Participated and presented paper in All India Botanical Conference at Mumbai during Oct.. 23-25, 1999.
- Nominated by Hon'ble Vice-Chancellor for participation in International 8th World Environment Congress at New Delhi during Dec. 29-31, 1999. Presented a paper on "Floristic diversity of Amravati University campus, M.S. India, an ecological perspective".
- Participated & presented paper in National Conference on Recent Trends in Biotechnology, at Amravati during 3-5, February, 2000.
- Participated and presented a paper in regional workshop entitled "Energising curriculum for upgradation of standards organised by TRDEA, Amravati University, Amravati, during 14-15 July, 2001.
- Participated & presented a paper in 24th All India Botanical Conference arid symposium on Botany in new millennium organised by Deptt. of Botany, Osmania University, Hyderabad, during 19-21st Nov.2001.

- Participated & presented paper in 25<sup>th</sup> All India Botanical Conference at Bareilly (U.P.) during 27-29th October, 2002.
- Contributed a paper in National Conference on "Biodiversity-Past and Present" organized by the Paleobotanical Society at Lucknow during November, 2002 (Could not attend because of X plan UGC committee visit to the Department) 28-29, Nov. 02, 66-67.
- Participated and presented a paper in National Conference on Recent advances in Botany, organized by J.M.Patel College, Bhandara during 28-29, January, 2003.
- Participated & presented a paper in XXVI annual conference of Indian Botanical Society organized by Department of Botany, Jamia Hamdard, New Delhi during 29-31 December, 2003.
- Participated in workshop on Plant Tissue Culture and Biotechnology Department of Plant Biology organized by Biotechnology Loyola College, Chennai during 23<sup>rd</sup>-28<sup>th</sup> January, 2006.
- Participated in Training Programme conducted by MCED, Amravati jointly with Directorate of Industries and sponsored by DST, New Delhi from 7th-18th October, 2003.
- Participated in workshop on new UGC curriculum in Botany organized by Deptt. of Botany, Amravati University, Amravati on 12th September, 2004.
- Participated in the workshop on Molecular Biology organized by Deptt. of Zoology jointly with Bangalore Genei, Bangalore during 1-2 August, 2004.
- Participated in National Symposium on three decades of Project Tiger in Melghat, organized by Deptt. of Zoology in collaboration with office of the conservator of forests, field Director, MTR and Nature conservation society during 8-9th October, 2004.
- Participated and presented papers in International Conference on Modern Trends in Plant Sciences with special reference to the role of Biodiversity in Conservation organized by Department of Botany, Amravati University, during 17<sup>th</sup>-20<sup>th</sup> February, 2005.
- Participated in one day Seminar on Tissue Culture on 26<sup>th</sup> Feb., 2008 organized by the department of Botany, SGBAU, Amravati.
- Participated in one day Seminar on Recent innovations in Herbal Drugs on 24th January, 2009 organized by the department of Botany, M.F.Arts, Commerce and S.C. Science Mahavidyalay, Warud. Dist. Amravati.
- Participated in National Seminar on "Emerging Trends in Chemical and Life Sciences and its relevance to environmental conservations at Nutan Adarsh Arts Commerce and Smt. Maniben Harilal Wegad Science College Umred, 4/12/2009
- Workshop on "Impedence Analyser" CIC, S.G.B.Amravati University, Amravati, 9th Feb. 2010
- XIth International conference of IOPB organized by Dr. Babasaheb Ambedkar University, Aurangabad, 02-04 sept. 2010.

- XXXIII International Conference of Indian Botanical Society organized by Shivaji University, Kolhapur 10-12 November 2010.
- National Conference on Current Scenario on Global Challenges in Germplasm Conservation and Biodiversity organized at P.G. Department of Botany, RSTM Nagpur University, Nagpur on 07-08 July 2010.
- National Seminar on Recent Advances in Plant Sciences organized at M. Mohta Science College, Nagpur on 10/10/2010.

### ANNEXURE –III

#### Papers Presented in Conference: (2005- 2010)

- 1) Srivastava, A.K., Manik, S.R., & Gawande, R.R. (2005): Megafloal diversity of upper Gondwana succession (early Cretaceous) of Bairam-Belkher area, District Amravati Maharashtra, and District, Betul, Madhya Pradesh, *Abstracts - ICPSBC-2005* :149.
- 2) Manik, S.R. & D.M. Ratnaparkhi, (2005) : Impact of soil and water on biodiversity of Melghat forest, Dist. Amravati, Maharashtra; *Abstracts of International Conference ICPSBC-2005* :44.
- 3) Ulhe. P.P; P.D. Deshmukh; & Manik, S.R. (2005) studies on seed anatomical structures in Um be Hi ferae & Malvaceae : *Abstracts - ICPSBC-2005* : 84
- 4) Ulhe, P.P. & Manik, S.R. (2005) Observations on morphological variations of seeds from Apocynaceae, Malvaceae & Bignoniaceae, *Abstracts, ICPSBC 2005* : 84.
- 5) Manik, S.R., Kokate, U.R. and Muratkar, G.D. (2005): Species diversity of *Ophioglossum* in Melghat tribal region of Amravati District, *Abstracts : ICPSBC-2005*, : 171, organized by Deptt. of Botany, Amravati University.
- 6) Kaste, P.S., Anand Subhedar ; Manik, S.R. & Tidke, J.A. (2005) Three new ascomycetes from Maharashtra, *Abstracts, ICPSBC-2005* : 169; organized by Amravati University, Amravati.
- 7) Srivastava, A.K. and Manik S.R. (2006) Floral diversity in upper Godwana succession (early cretaceous) near Achalpur fault, Amravati district, Maharashtra, International Conference organized at BSIP Lucknow, Abs.:154.
- 8) Manik, S.R. & D.M. Ratnaparkhi, (2006) Biodiversity studies through vegetation analysis of selected sports in Melghat forest area, Dist. Amravati, Maharashtra, IAAT conference at Aagarkar Research Institute, Pune, Abs. :95.
- 9) Ulhe P.P. and Manik S.R. (2006) Seed surface characteristics of Acanthaceae using scanning electron microscopy, IAAT conference at Aagarkar Research Institute, Pune, Abs. :105.
- 10) Ulhe P.P. and Manik S.R. (2007) Observations on morphological variations in seeds belonging to Cucurbitaceae and Umbelliferae, 13th All India Botanical conference at Gawaliar .
- 11) Wankhede T.B. and Manik S.R.(2010) Evaluation of Antioxidants in Some Medicinal Plants at XI International Conference of IOPB organized by Dr. Ambedkar Marathwada University, Aurangabad 02-04 September 2010

- 12) Wankhede T.B. and Manik S.R. (2010) Ecological influences on Bryophytic Diversity of Melghat Forest, Maharashtra ” at XXXIII International Symposium of Indian Botanical Society organized by Shivaji University, Kolhapur 10-12 November 2010.

**Technical Sessions Chaired / Chief Guest in Conferences**

- Chief Guest in National Seminar on “ Emerging Trends in Chemical and Life Sciences and its relevance to environment conservations at Ntan Adarsh Arts Commerce and Smt. Maniben Harilal Wegad Science college Umred, 04/12/2009.
- Chaired the technical Session At International Conference of Indian Botanical Society at Shivaji University, Kolhapur 10-12 November 2010.