

# INTERNATIONAL COLLEGE FOR GIRLS (AUTONOMOUS)

## Department of Botany

### List of Publications in Referred Journals

#### Dr. Kalpana Agarwal

S.No.	Title of Publication	Name of the Journal	Details of Journal (Name, Vol. No., page No./Year)		Other information
			National	International	
1.	Plant regeneration on embryogenic callus of Finger millet, <i>Eleusine coracana</i> (L.) Gaertn. on higher concentration of ammonium nitrate as a replacement of NAA in the medium.	Plant Science		International (1997, Vol. 129, 1: 101-107)	
2.	<i>In Vitro</i> induction of enlarged apical domes, de novo differentiation of meristematic domes and formation of multiple shoots in finger millet, <i>Eleusine coracana</i> (L.) and crowfoot grass, <i>Eleusine indica</i> (L.) Gaertn.	Current Science- Cereal research communication	National ( Dec. 2001 Vol. 18: 11)		
3.	Inorganic nutrient manipulation for highly improved in vitro plant regeneration in finger millet <i>Eleusine coracana</i> (L.) Gaertn.	<i>In Vitro</i> Cellular and Developmental Biology- Plant		International (2004, Vol. 40: 515-519)	

#### Ms. Anuja Joshi

S.No.	Title of Publication	Name of the Journal	Details of Journal (Name, Vol. No., page No./Year)		Other information
			National	International	
1.	High copper level in the medium improves shoot bud differentiation and elongation from the cultured cotyledons of <i>Capsicum annum</i> L	<i>Plant Cell Tiss.Org.Cult.</i>		International ( <i>Plant Cell Tiss.Org.Cult.</i> , 2007, 88:127-133)	Impact factor:1.06

## List of Publications in Referred Journals

### Dr. Smita Purohit

S.No.	Title of Publication	Name of the Journal	Details of Journal (Name, Vol. No., page No./Year)		Other information
			National	International	
1.	Direct somatic Embryogenesis from cotyledon and cotyledonary node explants in Bishop's weed- <i>Trachyspermum ammi</i> (L.) Sprague	In Vitro Cellular & Developmental Biology- Plant		International (In Vitro Cellular & Developmental Biology- Plant 43: 2; 154-158.	Impact factor- 0.7

## List of Papers/Posters Presented in Seminars/Workshops/Conferences etc.

### Dr. Shilpi Rijhwani

S.No.	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Date(s)	Title of the paper/poster presented
1	National conference on Environment and Environment degradation.	MLV College, Bhilwara	30,31 August 2000	Effect of SO <sub>2</sub> pollution-a study on <i>Cassia</i> L. spp

### Ms. Anuja Joshi

S.No	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Date(s)	Title of the paper/poster presented
1.	XXVIII ALL INDIA BOTANICAL CONFERENCE and National Symposium on Plant Science Research in India: Challenges and Prospects.	Indian Botanical Society (IBS), Dehradun	24-26 oct, 2005	Oral Presentation: High frequency regeneration from cotyledon explants in <i>Capsicum annuum</i> L. –an important horticultural crop
2.	27 <sup>th</sup> Annual meeting of Plant tissue culture association (India). National Symposium on Plant Biotechnology: New Frontiers held at Lucknow	Plant Tissue Culture Association (PTCA), Lucknow	18-20 Nov., 2005	Poster presentation: High frequency regeneration from cotyledon explants in <i>Capsicum annuum</i> L
3	National Symposium on Biotechnology for sustainable Agriculture and conservation of Biodiversity	Department of Botany, University of Rajasthan, Jaipur	24-25 March, 2006	High copper level in the medium improves shoot bud differentiation and elongation in <i>Capsicum annuum</i> L.

### Dr. Smita Purohit

S.No	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Date(s)	Title of the paper/poster presented
1.	27 <sup>th</sup> Annual meeting of Plant tissue culture association (India).National Symposium on Plant Biotechnology: New Frontiers held at Luck now	Plant Tissue Culture Association, Luck now	18-20 Nov. , 2005	Direct somatic Embryogenesis in <i>Trachyspermum ammi</i> (L.) Sprague

### List of Papers/Articles Published elsewhere (Magazines/Books/Newspapers/Non-Referred Journals etc.)

#### Dr. Kalpana Agarwal

S.No.	Title of Publication	Name of the Magazine/Book etc. in which it is published
1.	Plant regeneration from embryogenic callus	Rice Biotechnology Quaterly (1998)
2.	High Amoonium nitrate: plant hormone substitute	Agri cell report, USA (1998)

#### Ms. Anuja Joshi

S.No.	Title of Publication	Name of the Magazine/Book etc. in which it is published
1.	Biotechnolgy of medicinally important Solanaceous plant	<i>Herbal Drugs</i> (RK Sharma and R Arora Eds.) Jaypee bros.New Delhi. pp. 117-127

#### Dr.Sanjog Sharma

S.No.	Title of Publication	Name of the Magazine/Book etc. in which it is published
1.	Involvement of polyamines in rooting during micropropagation of <i>Wrightia tinctoria</i>	National symposium on sustainable and potential of plant biotechnology in India in 21 <sup>st</sup> century and 23 rd annual meeting of PTCA, 18-21 Oct, 2000, Jodhpur

2.	Replacement of costly gelling agent with Guar gum during micropropagation of <i>Wrightia tinctoria</i>	National symposium on sustainable and potential of plant biotechnology in India in 21 st century and 23 rd annual meeting of PTCA, 18-21 Oct, 2000, Jodhpur
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## List of Seminars/Workshops/Conferences/Symposia attended

### Dr. Shilpi Rijhwani

S.No	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	National Conference on Recent trends in Environmental Toxicology and application of Biotechnology in conserving the Environment	ICG and Association of Microbiologists of India, Jaipur Chapter		National		30-31 Jan., 2009
2.	National workshop on Bioinformatics	Centre for Converging Technologies, UOR, Jaipur		National		9-10 Jan., 2009
3.	Satellite Conference on " Radiation induced Bystander effects in Cancer Research"	ICG and Department of Zoology, University of Rajasthan, Jaipur	International			9 Nov., 2008
4.	National Conference on applications of Biotechnology in sustaining the Environment	Indian Science Congress, Jaipur Chapter and ICG		National		5-6 Feb, 2008
5.	UGC sponsored National Conference on Environment Impact Assessment	Govt. College, Ajmer		National		25-26 Feb, 2007
6.	Seminar on Autonomy- A step towards achieving academic excellence	ICG, Jaipur		National		8 Aug, 2006
7.	National Symposium on Biotechnology for sustasinable Agriculture and conservation of Biodiversity	Department of Botany, University of Rajasthan, Jaipur		National		24-25 March 2006
8.	National Workshop on Intellectual Property Rights.	DST, Jaipur and ICG ,Jaipur		National		21 <sup>st</sup> October,2005
9.	Workshop on" Facilitating Excellence in effective Leadership: Feel Teacher".	CLHRD,Mangalore and ICG,Jaipur		National.		25-27 April,2005.

10.	State Level student project Seminar cum Exhibition.	Department of Science and Technology, Govt. of Rajasthan, Jaipur.			State	10-11 March,2005
11.	National workshop on "ABC of Success-The Menu Card of Life"	IIIM, Jaipur.		National		22 <sup>nd</sup> November,2004.
12.	National symposium on Science and Technology for Desert Development	National Academy of Sciences, India and Birla Research Center, Jaipur		National		2-4 Sep, 2004
13.	Interactive seminar on" Strategy for Whole Brain Development".	ICG, Jaipur		National		18 <sup>th</sup> December,2003
14.	National Workshop on"Transformation through Mind Power".	ICG, Jaipur		National		12 <sup>th</sup> December,2003
15.	Colloquia: A National Conference on Innovative Business and Management Practices.	ICG, Jaipur		National		10 th September,2003

### Dr. Kalpana Agarwal

S.No	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	National Conference on Recent trends in Environmental Toxicology and application of Biotechnology in conserving the Environment	ICG and Association of Microbiologists of India, Jaipur Chapter		National		30-31 Jan., 2009
2.	Satellite Conference on " Radiation induced Bystander effects in Cancer Research"	ICG and Department of Zoology, University of Rajasthan,Jaipur	International			9 Nov., 2008
3.	Concepts and Techniques of Evaluation and Measurement	ICG, Jaipur			State	21-22 April, 2008
4.	National Conference on applications of Biotechnology in sustaining the Environment	Indian Science Congress, Jaipur Chapter and ICG		National		5-6 Feb, 2008
5.	UGC sponsored National Conference on Environment Impact Assessment	Govt. College, Ajmer		National		25-26 Feb, 2007

6.	Seminar on Autonomy- A step towards achieving academic excellence	ICG, Jaipur		National		8 Aug, 2006
7.	National Symposium on Biotechnology for sustainable Agriculture and conservation of Biodiversity	Department of Botany, University of Rajasthan, Jaipur		National		24-25 March 2006
8.	National Workshop on Intellectual Property Rights.	DST, Jaipur and ICG ,Jaipur		National		21 <sup>st</sup> October,2005
9.	Workshop on" Facilitating Excellence in effective Leadership: Feel Teacher".	CLHRD,Mangalore and ICG,Jaipur		National.		25-27 April,2005.
10.	State Level student project Seminar cum Exhibition.	Department of Science and Technology, Govt. of Rajasthan, Jaipur.			State	10-11 March,2005
11.	National workshop on "ABC of Success-The Menu Card of Life"	IIIM, Jaipur.		National		22 <sup>nd</sup> November,2004.
12.	National symposium on Science and Technology for Desert Development	National Academy of Sciences, India and Birla Research Center, Jaipur		National		2-4 Sep, 2004
13.	Interactive seminar on"Strategy for Whole Brain Development".	ICG, Jaipur		National		18 <sup>th</sup> December,2003
14.	National Workshop on"Transformation through Mind Power".	ICG, Jaipur		National		12 <sup>th</sup> December,2003
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### Ms. Anuja Joshi

S.No.	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	National Conference on Recent trends in Environmental Toxicology and application of Biotechnology in conserving the Environment	ICG and Association of Microbiologists of India, Jaipur Chapter		National		30-31 Jan., 2009
2.	National Symposium on Biotechnology for sustainable Agriculture and conservation of Biodiversity	Department of Botany, University of Rajasthan, Jaipur		National		4-25 March, 2006

3.	CONFERENCE and National Symposium on Plant Science Research in India: Challenges and Prospects.	Dehradun, Uttaranchal.		National		2005
4.	XXVIII ALL INDIA BOTANICAL	Botanical Survey of India, Northern Circle,		National		October 24-26,
5.	27 <sup>th</sup> Annual meeting of Plant tissue culture association (India). National Symposium on Plant Biotechnology: New Frontiers held at Lucknow	Plant tissue culture association (PTCA)		National		Nov. 2005
6.	National Symposium on Biotechnology for Food, Health and Environmental Security	Department of Botany, University of Rajasthan, Jaipur.		National		March 3-4, 2005
7.	The National Academy of Sciences ,India 74 <sup>th</sup> Annual Session & National Symposium on SCIENCE AND TECHNOLOGY FOR DESERT DEVELOPMENT ,Jaipur	University of Rajasthan, Jaipur and Birla Institute of Scientific Research , Jaipur.		National		December 2-4 , 2004
8.	National Symposium on Biotechnology for Human Welfare :The Commercial and Ethical Considerations	Department of Botany, University of Rajasthan, Jaipur	National			March 26-27,2004
9.	National Symposium on Medicinal Plants: Biodiversity Conservation, Export Potential and Intellectual Property Rights	Department of Botany, University of Rajasthan, Jaipur	National			March 28-29,2003
10.	National Symposium on Plant Biotechnology role in sustainable development ,25 <sup>th</sup> meeting.	Plant tissue culture association (PTCA)	National			Feb.17-19,2003
11.	Plant Awareness Workshop organized by Plant Information Centre.	Department of Science and Technology (DST) and Govt.of Raj. and University of Raj. Jaipur	National			Feb 11, 2003

## Dr. Smita Purohit

S.No.	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	National Conference on Recent trends in Environmental Toxicology and application of Biotechnology in conserving the Environment	ICG and Association of Microbiologists of India, Jaipur Chapter		National		30-31 Jan., 2009
2.	National workshop on Bioinformatics	Centre for Converging Technologies, UOR, Jaipur		National		9-10 Jan., 2009
3.	Satellite Conference on " Radiation induced Bystander effects in Cancer Research"	ICG and Department of Zoology, University of Rajasthan, Jaipur	International			9 Nov., 2008
4.	National Conference on applications of Biotechnology in sustaining the Environment	Indian Science Congress, Jaipur Chapter and ICG		National		5-6 Feb, 2008
5.	27 <sup>th</sup> Annual meeting of Plant tissue culture association (India). National Symposium on Plant Biotechnology: New Frontiers held at Lucknow	Plant tissue culture association (PTCA)		National		Nov. 2005
6.	National Symposium on Biotechnology for Food, Health and Environmental Security	Department of Botany, University of Rajasthan, Jaipur.		National		March 3-4, 2005
7.	The National Academy of Sciences ,India 74 <sup>th</sup> Annual Session & National Symposium on SCIENCE AND TECHNOLOGY FOR DESERT DEVELOPMENT ,Jaipur	University of Rajasthan, Jaipur and Birla Institute of Scientific Research , Jaipur.		National		December 2-4 , 2004
8.	National Symposium on Biotechnology for Human Welfare :The Commercial and Ethical Considerations	Department of Botany, University of Rajasthan, Jaipur		National		March 26-27, 2004
9.	National Symposium on Medicinal Plants: Biodiversity Conservation, Export Potential and Intellectual Property Rights	Department of Botany, University of Rajasthan, Jaipur		National		March 28-29, 2003
10.	National Symposium on Plant Biotechnology role in sustainable development , 25 <sup>th</sup> meeting.	Plant tissue culture association (PTCA)		National		Feb.17-19, 2003
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## Dr.Sanjog Sharma

S.No	Name of the Conf./Seminar/Workshop	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	National Conference on Recent trends in Environmental Toxicology and application of Biotechnology in conserving the Environment	ICG and Association of Microbiologists of India, Jaipur Chapter		National		30-31 Jan., 2009
2.	Satellite Conference on " Radiation induced Bystander effects in Cancer Research"	ICG and Department of Zoology, University of Rajasthan,Jaipur	International			9 Nov., 2008

## List of FDP attended

### Dr. Shilpi Rijhwani

S.No.	Name of the FDP	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	FDP on Motivation and ethics at work place	ICG, Jaipur			State	13 Dec. 2008
2.	FDP on stress management	ICG, Jaipur			State	12 Dec. 2008
3.	Orientation course in computers	ICG, Jaipur			State	28 April-15 May,2006
4.	Panel discussion on Union Budget 2006	ICG, Jaipur			State	18 march ,2006
5.	Panel discussion on Budget 2005-06, Action and Reaction	ICG, Jaipur			State	12 April, 2005
6.	FDP on Hopes and Fears of Budget 2005-06	ICG, Jaipur			State	25 Feb, 2005
7.	FDP on Yoga for outstanding performance	ICG, Jaipur			State	8 oct, 2004
8.	FDP on Entrepreneurship	Entrepreneurship and Management Development Institute and DST			State	Feb 10-20.
9.	FDP on how to write a Research article by Prof. Rajeshwar Rao	ICG, Jaipur and ICFAI Press , Hyderabad			State	March , 2004
10.	FDP on understanding Behavioral problems and managing youth by Prof. Aruna Bruta	ICG, Jaipur			State	20 Dec. 2003

## Dr. Kalpana Agarwal

S.No.	Name of the FDP	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	FDP on Motivation and ethics at work place	ICG, Jaipur			State	13 Dec. 2008
2.	FDP on stress management	ICG, Jaipur			State	12 Dec. 2008
3.	Orientation course in computers	ICG, Jaipur			State	28 April-15 May,2006
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6.	FDP on Hopes and Fears of Budget 2005-06	ICG, Jaipur			State	25 Feb, 2005
7.	FDP on Yoga for outstanding performance	ICG, Jaipur			State	8 oct, 2004
8.	FDP on how to write a Research article by Prof. Rajeshwar Rao	ICG, Jaipur and ICFAI Press , Hyderabad			State	March , 2004
9.	FDP on understanding Behavioral problems and managing youth by Prof. Aruna Bruta	ICG, Jaipur			State	20 Dec. 2003

## Ms. Anuja Joshi

S.No.	Name of the FDP	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	FDP on stress management	ICG, Jaipur			State	12 Dec, 2008
2.	FDP on Motivation and ethics at work place	ICG, Jaipur			State	13 Dec, 2008

## List of FDP attended

### Dr. Smita Purohit

S.No.	Name of the FDP	Name of the organizing institute	Status			Date(s)
			International	National	State	
1.	FDP on stress management	ICG, Jaipur			State	12 Dec, 2008
2.	FDP on Motivation and ethics at work place	ICG, Jaipur			State	13 Dec, 2008

## List of FDP attended

### Dr.Sanjog Sharma

S.No.	Name of the FDP	Name of the organizing institute	Status			Date(s)
			International	National	State	
1	FDP on stress management and motivationand ethics at work place	ICG			State	12 ,13 Dec 2008

## List of Projects Sanctioned/Applied For

### Dr. Kalpana Agarwal

S.No.	Title of project	Name of the funding agency	Amount of funds allocated	Status of the project(Sanctioned/Applied for)
1.	Biochemical studies of raw and processed Soybean	DST, Govt. of Rajasthan, Jaipur	8,000 Rs.	Completed

### Ms. Anuja Joshi

S.No.	Title of project	Name of the funding agency	Amount of funds allocated	Status of the project(Sanctioned/Applied for)
1.	<u>Micropropagation of Dianthus</u> and assessment of clonal fidelity	Department of Science and Technology.	1 lakh	Applied

### Dr. Smita Purohit

S.No.	Title of project	Name of the funding agency	Amount of funds allocated	Status of the project(Sanctioned/Applied for)
1.	<u>Micropropagation of Dianthus</u> and assessment of <u>clonal fidelity</u>	Department of Science and Technology.	1 lakh	Applied

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