Curriculum Vitae

Correspondence Address	
Dr. Prem Kumar Gautam	
Assistant Professor (AL-12) & Head	
P.G. Department of Botany and	Town.
Research Centre G.T. Patil College	
Nandurbar (MH)-442402	
Cell – 9764704372	
Email- premunnat@gmail.com	
Name	Dr. Prem Kumar Gautam
Fathers Name	Shri Rajan Lal Gautam
Mothers Name	Pusna Devi

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Fathers Name	Shri Rajan Lal Gautam
Mothers Name	Puspa Devi
Date of Birth	29 May 1978
Language Known	Hindi. English, Marathi,
	Brajbhasha
Religion	Hindu
Nationality	Indian
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Short Introduction

M.Sc. Botany [1999], Ph.D. in Botany [2000- 2003], with nearly **Five** + **Twelve years of teaching experience.** About **2 and 1/2 years of research experience as a Plant Breeder** in various Seeds companies. A total of **14 research papers were published** in reputed journals along with 28 Workshops/Seminars/Webinar / International/ National conferences attended. Three chapters are published in different books and Six books are published by Nirali Prakashan Pune. As a Recognized supervisor/Guide to Ph.D. Students of KBC North Maharashtra University Jalgaon, (**One student was awarded Ph. D. Degree and Three are working.**)

Educational Profile

- ➤ Ph.D. Degree Awarded by Dr. B.R.A. University, Agra For "Mechanism of male sterility and its characterization in five Cytoplasmic male line of Indian mustard (*Brassica juncea* (L) Czern & Coss))". in the Year January, 2003
- ➤ B. Ed. from Dr. B. R. A. University Agra in First Division, in the year 2006
- M.Sc. (Botany) from Dr B.R.A. University Agra in First Division in the year 1999
- ➤ B. Sc. (Zoology, Botany & Chemistry) from Dr. B. R. A. University Agra in First Division in the year 1997.
- ➤ Intermediate. from U.P. Madhyamika Shiksha Board Allahabad in Second Division in the year 1994
- ➤ High School. from U.P. Madhyamika Shiksha Board Allahabad in Second Division in the year 1992

Teaching Experience

Sr. No.	Name of Post	Date of Joining	
		From	То
01	Assistant Professor (AL-10)	06 th July2011	18th July 2015
02	Assistant Professor (AL-11)	18 th July2015	18 th July2020
03	Assistant Professor (AL-12)	18th July2020	Till Date

Previous Positions

- ➤ Worked as Research Associate in Krishna Agri Research & Development Center, Agra since 12-8-2002 to 5-5-2003.
- ➤ Worked as Plant Breeder in K. D. Seeds Pvt. Ltd. Agra, since 1-10-2003 to 30-6-2005
- ➤ Worked as Assistant Professor in the Department of Agriculture & Botany in S.M.S. Degree College, Agra from 1-7-2005 to 2-7-2011 (Excluding 2006-2007).

Recognitions

- ➤ A Ph.D. Research Guide, recognized by the KBC North Maharashtra University, Jalgaon since 12/11/2013 for imparting instructions in the subject of Botany under the faculty of science & Technology
- ➤ A Post Graduate Teacher (PG Teacher), recognized by the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon since 12/11/2013 for imparting instructions in the subject of Botany under the faculty of science & Technology

Administrative Responsibilities

➤ Head, UG & PG Department of Psychology and Research Laboratory, Gajmal Tulshiram Patil College, Nandurbar since 27th July, 2023.

Appointments on statutory bodies

Member, Board of Studies in Botany at KBC North Maharashtra University, Jalgaon for the period from 2023-24 to 2027-28.

Invited as a resource person / lecture delivered

➤ Delivered a talk on Genetically Modified Plants for Improved Tolerance to Biotic and Abiotic Stress as a resource person at Course Work for the Ph. D. Programme in Botany conducted by MGV's. L.V.H. Arts, Science, & Commerce College Panchavati Nashik-3, on 09/02/2023 on line via google Zoom.

Contribution at university level /College level Examination Related Work

- Working as a University Examination Papers Valuer in North Maharashtra University, Jalgaon, for B. Sc. since 2012
- ➤ Working as a University Examination Papers Moderator for North Maharashtra University, Jalgaon, for B. Sc, since 2012.
- ➤ Worked as External Practical Examiner in F.Y. B.Sc., S.Y. B.Sc., T.Y. B.Sc. & M.Sc. at North Maharashtra University, Jalgaon, since 2012
- ➤ Worked as a Cap member of F.Y. B.Sc. held in 2015-16 at G.T. Patil college Nandurbar
- Worked as "Paper Setter" at North Maharashtra University, Jalgaon for T.Y. B. Sc. Botany since December-2018
- ➤ Working as External Examiner in Dr. B.R.A University Agra for B.Sc. (Botany) Examination Since 2018.
- Worked as a Senior Supervisor (External) for North Maharashtra University, Jalgaon, since 2016.
- Worked as a Senior Supervisor (Internal) for North Maharashtra University, Jalgaon, since 2020.
- ➤ Worked as a Junior Supervisor for North Maharashtra University, Jalgaon, since 2011.
- ➤ Worked as a Subject expert for Selection of Assistant Professor (C.H.B.) in Botany in G.T. Patil College Nandurbar.

Research Students Profile

0		No.	registrat ion/ Provisio nal Date	Ph.D. Awarde d	Title of the research work	
01	Dr. Ashish Bharat Valvi	NMU/11/Ph.D ./Bot.22/2014	09/02/2015	24/04/2022	J 1 J	of of and The of
2	Mr. Nilesh Kisanrao Athawale	KBCNMU/11/ Ph.D./Bot./111 6/2022	4-10-2022	New		
3	Ms. Jayshree Subhash Nayka	KBCNMU/11/ Ph.D./Bot./110 8/2022	4-10-2022	New		

4	Mr. Dipak	KBCNMU/11/	4-10-2022	New	
	Narsing	Ph.D./Bot./110			
	Chavhan	5/2022			

Details of PG & UG projects guided

- Guided More than 10 PG students on Projects (Recent Trends in Research) for District / University level Avishkar conducted by KBC NMU Jalgaon
- Guided More than 25 UG student on Projects in biological sciences for District / University level Avishkar conducted by KBC NMU Jalgaon

Extension work carried out and Co-curricular and extracurricular activities carried out.

- Member of Plantation Committee During the academic session 2011-12, 2012-2013, 2013-2014, 2014-15 & 2015-16
- Member of Vigyan Mandal During the academic session 2011-12, 2014-15, 2015-16, 2019-20, 2020-21, 2021-22 & 2022-23
- ➤ Member of College Magazine Committee During the academic session 2012-2013, 2015-2016.
- ➤ Worked as a team manager in Nandurbar District Level Avishkar which was organized by Arts, Commerce and Science College, Navapur on October 07, 2014.
- ➤ Delivered a lecture on "Use of Bio Fertilizers in agriculture" at NSS camp during the academic year 2014-2015
- ➤ Chairman of Ph.D. Viva-voce Committee at North Maharashtra University, Vivo-voce Mr. Patil Pravin Dinkar (Botany).
- ➤ Worked as a Cap member of F.Y. B.Sc. held in 2015-16 at G.T. Patil college Nandurbar
- ➤ Worked as a Senior Supervisor (External) at Jamia College of Education, Akkalkawa (2615)
- ➤ Delivered a lecture on "Save tree, save environment and save earth" at NSS camp during the academic year 2015-2016.
- ➤ Member of Environmental Committee During the academic session 2015-16
- ➤ Member of Organizing Committee, 'YUVARANG' 2014 University level intercollegiate Youth Festival, jointly organized by the student's welfare, North Maharashtra University, Jalgaon and G.T.P. College, Nandurbar during 16-20th January 2015
- Member of Organizing Committee, "National Conference on Chemical Synthesis of Nanomaterials and their Applications in Environment' Organized by the department of chemistry, G.T.P. College, Nandurbar during 8-9th February 2016
- Member of Organizing Committee, "National Conference on Recent Development in Nanomaterial's & Their Application (NC-RDNMA 2016) Organized by the department of Electronics, G.T.P. College, Nandurbar during 5-6th February 2016

- ➤ Member of Organizing Committee, University Level Workshop on Confidence Building & Employability Skills Organized by the department of English, G.T.P. College, Nandurbar during 20th September 2016
- ➤ Worked as Member of Admission committee at GTP College Nandurbar, during academic session 2016- 2017 and 2017-2018
- ➤ Chairman of Pre Ph.D.-Viva-voce Committee at North Maharashtra University, Vivo-voce Mr. Ravindra Anand Shelke (Botany). On the Date 13/01/2020
- ➤ Chairman of Pre Ph.D.-Viva-voce Committee at North Maharashtra University, Vivo-voce Mr. Kailas K Kapadane (Botany). On the Date 13/01/2020
- ➤ Worked as Member of LIC committee during academic session 2022- 2023.

Published Papers in Journals-14

- ➤ Prem Kumar Gautam and R.K.S. Rathore (2001) Evolution of Five Cultivars of India Mustard (*Brassica juncea*) at Agra. The Journal of Agricultural and Scientific Research Vol 37, (1&2):92-94,2001
- ▶ P.K. Gautam *et al* (2012) Effects of Growth of Angiosperms on the Monuments-Investigation Based on Historical Monuments of Gwalior fort. Nature Environment and Pollution Technology An Internation Quarterly Scientific Journal 2012, Vol 11, No2 pp307-309. (ISSN:0972-6268)
- ➤ P.K. Gautam et al (2012) Biosorption of Lead (II) from Aqueous Solution by Agaricus bisporus. Nature Environment and Pollution Technology An Internation Quarterly Scientific Journal 2012,Vol 11,No3 pp 493-496 (ISSN:0972-6268)
- ➤ Prem Kumar Gautam and Rohitash (2012) Reproductive biology of Clerodendrum splendens. (Verbenaceae) Journal of experimental sciences. 2012, 3(8):14-16 (ISSN:2218-1768)
- ➤ B. B. Mangle, K.B. Patil & P.K. Gautam (2012) New Host Recorded of Fungi From Nandurbar District (Maharashtra) Thematich Journal of Botany 2012, Vol 1.Issue 4.Sep 2012.pp20-22 (ISSN:2250-379x)
- P.K. Gautam *et al* (2011) Comparative Study of Five CMS of India Mustard (*Brassica juncea*) with their maintainer, Based on floral biological characters. Internation Multidisciplinary Research Journal 2011, 1(8): 09-12. (ISSN:2231-6302)
- ➤ P.K. Gautam *et al* (2011) Characterization of different male sterile lines on morphological characters of India mustard [*Brassica juncea* (L.) Czern & Coss] along with their maintainer. International Multidisciplinary Research Journal 2011, 1(8): 04-08. (ISSN:2231-6302)
- P.K. Gautam. (2011)Anatomical studies of five male sterile line of Indian mustard (*Brassica juncea*) Platinum, A Peer Reviewed National Journal Volime-1, pp 156-161(ISSN:2231-0096)
- P. K. Gautam (2011) Molecular characterization of male sterile and fertile lines of *Brassica juncea*. Platinum, A Peer Reviewed National Journal vol.-1,4pp 257-259(ISSN:2231-0096)
- Ashish Valvi B and Dr. Prem Kumar Gautam (2017) Studies on the diversity of Cyanophyceae from Valheri River of Satpura ranges The Pharma Innovation Journal 2017; 6(7): 1041-1043
- Anil kumar P. K. Karhana and P.K. Gautam (2018) Genetic variability in okra (Abelmoschus esculentus L. Moench) (An International e-newsletter) Agrobios Report 1 (2018) 1-5
- Ashish B. Valvi and P K. Gautam (2020) "Studies on Some Desmids of Toranmal Reserve Forest of Satpura Ranges, Nandurbar District, Maharashtra, India" Aegaeum journal volume 8, Issue 4, 2020 page no: 355 to361 (ISSN No: 0776-3808)
- Ashish B. Valvi and P K. Gautam (2022) "Diversity of Ulotrichales from the Satpura Ranges,

- Nandurbar District, Maharashtra, India" Flora and Fauna journal 2022 Vol.28 No.1PP 72-76 (ISSN No: 2456-9364 Online or ISSN 0971-6920 Print)
- Research paper published by P K. Gautam, Ashish B. Valvi & Jayshree Nayka (2022) "Studies on the Physico-Chemical Parameters Concerning the Diversity of Chlorophyceae and Cyanophyceae from the Dara Dam, Satpura Ranges of the Nandurbar district, Maharashtra, India" JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR) 2022 JETIR May 2022, Vol. 9 Issue 5 PP 158-164 (ISSN No: 2349-5162)
- ➤ Govind Balde, Prem Kumar Gautam & Sudhir Kumar Srivastava (2023) 'An overview of chromatography, including its fundamentals, classification, and practical uses' International Research Journal of Modernization in Engineering Technology and Science (Peer-Reviewed, Open Access, Fully Refereed International Journal) Volume:05/Issue:03/March-2023

Research Papers Published at various levels -3

Sr.	Title of the	Title of	Organized	Whether	Duratio
No	paper	Conference /	by	internation	n
	presented	Seminar	,	al	
				/National	
1	Effect of waste	Waste	Department of		
	materials on the	Management and	Botany, R.B.S.		26-28
	people with	its Controls	College, Agra.	National	Feb
	special reference	Measures: Present			2016
	to agrochemicals	and Future			
	and plastic	strategies			
	materials: a				
	review of				
	Nandurbar				
	(Maharashtra),				
	India				
2	A Review on the	Role of	Department of	National	4-5
	algal Bio-energy	Biotechnology in	Botany, R.B.S.		March
	in Rural	Sustainable	College, Agra.		2017
	Development	Agriculture and			
		Rural			
		Development			
3	Variability	Innovative	Department of	internation	
	Analysis of	Technologies	Mechanical	al	26-28
	genetic	Towards Energy,	Engineering,		Feb
	Divergence in	Environment,	R.B.S.		2018
	Wheat Genotypes	Food &	Engineering		
		Sustainable	Technical		
		Agriculture	Campus		
			Bichpuri Agra		
			India		

Published Books Chapters-3

- ➤ Dr. P K. Gautam and Jayshri Nayka wrote one book Chapter in book entitled "Impact of COVID-19 Pandemic in India" Published by Shriyanshi Publication Agra.
- ➤ Dr. P K. Gautam and Jayshri Nayka wrote Two book Chapter in book entitled "Recent Trends in Biological Sciences" Published by P.K. Publishers & Distributors New Delhi-110053.

Published Books-6

- Diversity of lower cryptogams (BOT-101), As pre–North Maharashtra University for B.Sc. (Botany) published by Nirali Prakashan Pune.
- Morphology of angiosperms (BOT-102), As pre North Maharashtra University for B.Sc. (Botany) published by Nirali Prakashan Pune (ISBN)
- ➤ Practical botany (BOT-103), As pre—North Maharashtra University for B.Sc. (Botany) published by Nirali Prakashan Pune.
- ➤ Diversity of Higher Cryptogams (Bot-201) As pre—North Maharashtra University for B.Sc. (Botany) published by Nirali Prakashan, Pune.
- ➤ Taxonomy of Angiosperm (Bot- 202) As pre—North Maharashtra University for B.Sc. (Botany) published by Nirali Prakashan, Pune.
- ➤ Practical Botany (BOT-203), As pre orth Maharashtra University for B.Sc. (Botany) published by Nirali Prakashan, Pune.

Completed Orientation Programme/Refresher Courses/ Workshop

- ➤ Completed one month Training Courses on 'Molecular Biology Hybridoma and cell Culture Techniques' Organized by National Biotechnology centre, Indian Veterinary Research Institute Bareiley.
- ➤ Completed Orientation Programme General (11/2013 To11/2013) organized by UGC Human Resource Development Centre (HRDC), Lucknow University Lucknow
- ➤ Completed Refresher course (27/06/2015 To17/06/2015) organized by UGC Human Resource Development Centre (HRDC), Panjab University Chandigarh
- ➤ Completed in Refresher course in Botany (01/12/2018 To 21/12/2018) organized by UGC Human Resource Development Centre (HRDC), Panjabi University Patiala
- ➤ Completed Refresher course in Life science 24/02/2020 To 03/03/2020organized by UGC Human Resource Development Centre (HRDC), University of Rajasthan, Jaipur
- Faculty Development Program on "Overcoming the Challenges in Adapting Online Technology in Teaching Learning" 6th -11th May 2020. organized by Jhulelal Institute of Technology Affiliated to RTM Nagpur University
- Completed Faculty Development Program on Moodle "Learning Management System" 7th -12th May 2020. organized by Dr. G. Y. Pathrikar College of Computer Science and Information Technology, MGM University, Aurangabad

- Faculty Development Program on" R Programming" 11th to 16th May 2020 organized by D. Y. Patil University, Ambi, Pune & Spoken Tutorial Project, IIT Bombay
- Faculty Development Program on ICT Tools for Effective Teaching Learning, 11th to 16th May 2020 organized by School of Mathematical Sciences, Swami Ramanand Teerth Marathwada University, Nanded.
- Faculty Development Program on "Skill Development for Online Teaching"5th May to 7th May 2020 organized by IQAC of Bhavan's College, Andheri (W). Mumbai.
- ➤ Completed MS-Deed Level 1 Online Workshop on Innovative Pedagogies for UG Teachers from 27th Jan.,2022 to 29th Jan.,2022 organized by MSFDA Pune in coloration with IISER Pune.
- Faculty Development Program on "Spoken Tutorial Technology" 03 May 09 May 2020 organized by Jhulelal Institute of Technology In Association with Spoken Tutorial IIT Bombay
- ➤ One Week Online Interdisciplinary Certificate Course on Basics of Organic Farming May 17 to May 23, 2020 organized by Department of Botany and IQAC, Athalye Sapre-Pitre College, Devrukh (Autonomous).
- ➤ Two Weeks Faculty Development Programme on "Managing Online Classes and Co-Creating MOOCS" April 20 – May 06, 2020. organized by Teaching Learning Centre Ramanujan College University of Delhi Sponsored by Ministry of human resource development Pandit Madan Mohan Malviya national mission on teachers and teaching
- ➤ One Week National Level E -Certificate Course on Plant Tissue Culture 1 June 2020 to 7 June 2020 organized by Department of Botany and IQAC of Vinayak Vianyan Mahavidyalaya, Nandgaon Khandeshwar, Dist- Amravati (Maharashtra)

Participation in Conference/Workshop/Training

- ➤ Participated National workshop on "Role of Biotechnology in Women Upliftment In The New Millennium organize by Department of Botany RAJA BALWANT SINGH COLLEGE, AGRA On dated 24-25th of January 2002.
- ➤ Participated National Workshop on "Micro Teaching-Questioning Skill" In the SHRI MEGH SINGH DEGREE COLLEGE, AGRA On dated 14-15th March 2010.
- ➤ Participated "F.Y.B. Sc, syllabus framing workshop" organized by P.G. Department of botany Of Z.B. Patil College Dhule On dated 20th April 2012
- ➤ Participated National Conference on "Biodiversity and Its Role in Modern World-BRMW 2012" Organized by The S.P.D.M. Arts, S.B.B. Commerce & S.M.A. Science College, Shirpur, Dist, Dhule, Maharashtra, India On dated 12-13th October,2012
- Participated National Conference on "Biodiversity and Environmental Impact" Organized by The A.S.S. and S.P. Ss Arts, commerce and science College, Navapur, Dist,-Nandurbar Maharashtra, India On dated 22-23th December,2012
- ➤ Participated National Seminar on "Educational Technology-Challenge and Emerging Issue" organized by SHRI MEGH SINGH DEGREE COLLEGE, AGRA on dated 21st March 2010.

- ➤ Participated "T.Y.B.Sc. syllabus framing workshop" organized by Jijamata Education Society's Arts, Science and Commerce College, Nandurbar On dated 22th & 23rd Jan 2014
- Participated National Conference on "Recent Emerging Trends In Plant Science (RETPS-2013)" Organized by The P.S.G.V.P. Mandal s. Arts, Science and Commerce College, Shahada, Dist,- Nandurbar, Maharashtra, On dated 6-7th September, 2013.
- ➤ Participated "T.Y.B. Sc. Botany Practical syllabus framing workshop" organized by S.D. Patil Alias Baburao Dada Arts, Commerce and Bhausaheb M.D. Sisode Science College Shindkeda 29th Jan 2014
- ➤ Participated and presented the research work in the theme area pure Science under the category Post PG in the Nandurbar District Level Research Convention Avishkar-2016 Organized by G.T. Patil Arts, Commerce and Science College, Nandurbar on 3rd January 2017
- Participated "T.Y.B. Sc. Botany (Sem-VI) syllabus restructuring workshop" organized by P G Research Centre, Department of Botany M.J. College, Jalgaon 31 March, 2017
- ➤ Participated National Seminar on Human Rights and Tribal: Issues and Strategies for Empowerment organize by NTVS College of Law; Nandurbar On dated 4th of March 2018.
- ➤ Participated National Conference on "Recent Trends In Life Science And Environmental Studies Organized by Iqra's H. J. Tim College of Arts & Science, Mehrun College, Jalgaon on 10th February 2018.
- ➤ Participated National Seminar on role of naac in promoting and sustaining quality of education in institutions organizes by NTVS College of Law; Nandurbar On dated 21st of December 2019.
- Participated in one day workshop for Restricting T.Y. B.Sc. Botany Semester-V (CBCS) syllabus organized by S.D. Patil Alias Baburao Dada Arts, Commerce And Bhausaheb M.D. Sisode Science College Shindkeda 1st February 2020
- ➤ Participated in one day workshop for Research Guides Organized by The S.P.D.M. Arts, S.B.B. Commerce & S.M.A. Science College, Shirpur, Dist,-Dhule, Maharashtra, India On dated 7th February,2020
- ➤ Participated National workshop on Choice Based Credit System Organized by G.T. Patil Arts, Commerce and Science College, Nandurbar in collaboration with the K.B.C. North Maharashtra University, Jalgaon on 31st August 2018.
- ➤ Participated in online one day international Conference on "Recent Trend in plant Science" Organized by The A.S.S. and S.P.Ss Arts, commerce and science College, Navapur, Dist,-Nandurbar Maharashtra, India On dated 15th May,2020
- ➤ Participated in online one day international Conference on "Biodiversity Conservation and Tourism" Organized by Shri. S. H. Kelkar College of Arts, Commerce and Science, Devgad, Dist. Sindhudurg, Maharashtra, India On dated 17th May,2020
- Attended National Level Online Webinar on Effective Presentation Skills held on 26/04/2020 conducted at www.youtube.com/DrAnawarr.
- Actively participated in Online National Webinar entitled "Smart Tools for Enhancing the Research Skills" jointly organized by Matru Seva Sangh Institute of Social Work, Nagpur, Bar. Sheshrao Wankhede Mahavidyalaya, Mohpa Dist. Nagpur, Dr. Babasaheb Ambedkar College of Arts, Commerce & Science, Bramhapuri Yadaorao Poshattiwar Art College, Talodhi (Balapur) on 28th May,

2020

- ➤ Participated in the State Level Webinar on "Importance of Wild Vegetables and Their Conservation" jointly organized by Department of Rural Development, St. Gonsalo Garcia College, Board of Studies in Rural Development University of Mumbai and Gokhale Society's Krishi Vigyan Kendra, Kosbad Hill, Dahanu, Dist.- Palghar of Arts & Commerce
- Participated in International E-Conference on Plant science organized by Department of Botany, Swami Vivekanand Senior College Mantha Dist. Jalna (M.S.) India on 01St June 2020.
- ➤ Participated in the national virtual conference on 'biodiversity & sustainable development' organized by R. G. Gogate college of arts & science and R. V. Joglekar college of commerce, Ratnagiri in collaboration with Ratnagiri sub-center, University of Mumbai, Environmental Society, Ratnagiri on 5th and 6th june 2020 on the occasion of world environment day.
- Participated in online one day international Conference on "Roadmap to Future Environment" Organized by Department of Botany St. Jons;'s College Agra. India On dated 5th June, 2020.

Important dates of service

Date of Appointment	1 July 2011
Date of Joining	6 July 2011
Date of University Approval	3 November 2011
Date of Confirmation	6 July 2013
PG Teacher Recognition	12 November 2013
Ph.D. Guide Recognition	12 November 2013
Senior Scale (AL-11)	18/ July /2015
Selection Grade (AL-12)	18/ July /2020

Declar	ration
I hereby declare that the above-Mentioned knowledge.	information is correct to the best of my
Date :	(Dr Prem Kumar Gautam)
Place:	