

### 3. Evaluative Report of the Department

1. Name of the Department **DERMATOLOGY & STD**

2. Year of establishment: Undergraduate: **1987**

**Postgraduate: 2001**

3. Is the Department part of a college/Faculty of the university?

**COLLEGE (UNIVERSITY COLLEGE OF MEDICAL SCIENCES, affiliated to Faculty of Medical Sciences, University of Delhi)**

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

**UG (MEDICINE), PG (DERMATOLOGY & STD), PhD**

5. Interdisciplinary programs and departments involved:

- **Dermatopathology(Pathology)**
- **PG Rotational posting (Medicine)**
- **STD with Obs&Gynae**
- **Microbiology PhD program**
- **Biochemistry PhD Program**

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

- **Nursing Students**
- **District Medical Officers training**
- **DSACS's STI training programmes for medical officers, specialists, counsellors, staff nurses, etc.**
- **State/District leprosy training programme**
- **Drug Advisory Committee to DCGI's office**

7. Details of programs discontinued, if any, with reasons **NONE**

8. Examination System:

<b>As Per</b>	<b>MBBS</b>	<b>Formative/ Annual/ Supplementary</b>
<b>MCI Guidelines</b>	<b>MD</b>	<b>Formative /Annual/ Supplementary</b>

9. Participation of the department in the courses offered by other departments:

- **MBBS course of MCI is entirely co-participative;**
- **Co-investigative dept. in Ph.D**
- **Co-investigative dept. in M.D.thesis**

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (as on 20.03.2015)

	UCMS		GTBH	
	Sanctioned	Filled	Sanctioned	Filled
Professor (&Dir Prof)	<b>2</b>	<b>3</b>	<b>2</b>	<b>2</b>
AssociateProfessors	<b>1</b>	-	-	
Asst.Professors	<b>1</b>	-	<b>1</b>	-
Others (S.R.)	<b>3</b>	<b>1</b>	<b>2</b>	<b>1</b>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	No. of Years of Experience (as on 09.03.2015)	No of PhD/ MD student guided in the last four years
<b>Dr.S.N.Bhattacharya</b>	MD	Director Professor & HOD	Dermatology, Venereology & Leprosy	23 years 10 month	2+2
<b>Dr. ArchanaSingal</b>	MD	Professor	Dermatology, Venereology & Leprosy	24 years 10 months	1+3
<b>Dr. Vijay Gandhi</b>	MD	Professor	Dermatology, Venereology & Leprosy	19 years	1

Name	Qualification	Designation	Specialization	No. of Years of Experience (as on 09.03.2015)	No of PhD/ MD student guided in the last four years
<b>Dr. DeepikaPandhi</b>	MD	Assoc Professor	Dermatology, Venereology & Leprosy	15yrs, 10 months	3
<b>Dr. Chander Grover</b>	MD	Astt Professor	Dermatology, Venereology & Leprosy	12 years 10 months 9 days	0

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: **NONE**

13. Percentage of classes taken by temporary faculty – program-wise information **NIL**

14. Program-wise Student Teacher Ratio: **Undergraduate – 30:1,**  
**Post graduate – 1.9:1**

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

**Academic and technical support staff is posted from the College pool as per requirement of the Departments. The College details are as below:**

	Sanctioned	Filled
<b>Senior Residents</b>	<b>5</b>	<b>5</b>
<b>Technical Staff</b>	<b>2</b>	<b>2</b>
<b>Administrative</b>	<b>1</b>	<b>1</b>
<b>Support Staff Group D</b>	<b>1</b>	<b>1</b>

16. Research thrust areas as recognized by major funding agencies

- **Psoriasis - UGC**
- **Autoimmune disorders - DST**
- **Pemphigus - DST, UGC**

- **Anogenital warts - ICMR**
- **Cutaneous Fungal Infections - ICMR, DBT**

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

- **2 faculty (one as PI one as Co-PI)**

Name of the faculty	National/ International	Funding agency	Project title	Grant received
<b>Archana Singal</b>	National	UGC	<b>Cardiovascular risk assessment in patients of Psoriasis</b>	<b>Rs. 13,96,000/-</b>
<b>SN Bhattacharya Co-PI; Dr. Shukla Das (Microbiology)</b>	National	DST	<b>Circulating</b>	
<b>SN Bhattacharya Co-PI; Dr. Sonal Sharma (Pathology)</b>	National	UGC		

18. Inter-institutional collaborative projects and associated grants received

- a) National collaboration
- b) International collaboration

**As detailed in point 17 above.**

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

**As detailed in point 17 above.**

20. Research facility / centre with

**State recognition**

**State referral/training Centre for STI**

**National recognition**

**State referral/training Centre for Leprosy**

**East/North East District**

**Inter-national recognition**

**Nil**

21. Special research laboratories sponsored by / created by industry or corporate bodies

**NONE**

22. Publications: **(Publications and Book details enclosed as Annexure I)**

- \* Number of papers published in peer reviewed journals (national / international):  
129
- \* Monographs: 3
- \* Chapters in Books: 43
- \* Books edited: 4
- \* Books with ISBN with details of publishers
- \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- \* Citation Index – range / average
- \* SNIP
- \* SJR
- \* Impact Factor – range / average
- \* h-index

23. Details of patents and income generated

**NONE**

24. Areas of consultancy and income generated

**NONE**

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

**Faculty selected periodically for MCI inspections:**

- **Dr. S.N.Bhattacharya**
- **Dr. ArchanaSingal**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other

(specify)

NAME	ASSIGNMENT
<b>SN Bhattacharya</b>	<ul style="list-style-type: none"><li>• National Committee &amp; NACO to review operational aspects of STI/RTI control project</li><li>• National Dermatology &amp; Allergy Committee of CDSO (Drug Controller General of India)</li><li>• Expert SND committee member of CDSO (DCGI)</li><li>• Founder Member of Dermatopathology Society of India</li><li>• Founder Member of Nail Society of India</li><li>• Editorial Board Member of Indian Journal of Dermatology</li></ul>
<b>Archana Singal</b>	<ul style="list-style-type: none"><li>• Founder President 'Nail Society Of India (NSI)</li><li>• Organizing President for 3<sup>rd</sup> International Summit of Nail Diseases (ISND) and 4<sup>th</sup> ONYCHOCON-2015, National Conference of Nail Society of India, 20-22<sup>nd</sup> November, 2015 at Delhi, India</li><li>• Coordinator, Special Interest group (SIG) of IADVL (Indian association of Dermatology, Venereology and Leprology) on Genodermatoses</li><li>• Chairperson Scientific committee, 1<sup>st</sup> DAAS (Dermatology And Allied Specialty Summit' held during 25<sup>th</sup>-26<sup>th</sup> July, 2014 in Delhi and 2<sup>nd</sup> DAAS to be held on 2-4<sup>th</sup> July, 2015.</li><li>• Organizing President for ONYCHOCON-2013, the 2<sup>nd</sup> National Conference of Nail Society of India, 9-10<sup>th</sup> November, 2013 at Delhi, India along with a Pre-Conference Surgical Workshop on Nail Procedures, 8<sup>th</sup> November, 2013 at UCMS and GTB Hospital</li><li>• President Indian Association of Dermatology, Venereology and Leprosy (IADVL), Delhi State Branch 2009</li><li>• Editorial advisory board member of Indian Dermatology Online Journal (IDOJ) and Indian Journal of Dermatology (IJD)</li><li>• Editorial Board Member Indian Journal of Dermatology, Venereology and Leprosy (IJDVL) from 2010-2013</li><li>• Member, Expert group ICMR to study rising Leprosy Disability and</li></ul>

	<p>Resistance in Leprosy</p> <ul style="list-style-type: none"> <li>• Chairperson National IADVL Ethics Committee 2012</li> <li>• Member central IADVL Scientific Committee 2005, 2011</li> <li>• Member IADVL Academy 2010-11</li> <li>• Clinical &amp; Research Fellow, Sexually Transmitted Infections and Research Center, University of Sydney, Australia, 2001-2002</li> </ul>
<p><b>Deepika Pandhi</b></p>	<ul style="list-style-type: none"> <li>• Founder Member, NSI</li> <li>• Editorial Board Member, IJDVL</li> <li>• Member, SIG Genodermatoses</li> <li>• Member scientific committee of the 2<sup>nd</sup> Onychocon National conference in November 2013.</li> <li>• Awarded Fellowship by the European Academy of Dermatology and Venereology to attend and present my papers at the 20th Congress of the European Academy of Dermatology and Venereology held at <i>Lisbon, Portugal</i> from 20<sup>th</sup> to 24<sup>th</sup> October, 2011.</li> <li>• Awarded Fellowship by the European Academy of Dermatology and Venereology to attend and present my papers at the 19th Congress of the European Academy of Dermatology and Venereology held at <i>Gothenburg, Sweden</i></li> <li>• Member Executive Committee of Indian Association of Dermatologists, venereologists and leprologists (Delhi State branch)</li> <li>• Member-Scientific Committee for formulation of OSCE for National Board of Examination India</li> <li>• <b>Member – Scientific Committee</b> for formulation of short structured questions for the National Board of Examination India.</li> <li>• <b>Member - Scientific Core Organizing Committee</b> of the 33<sup>rd</sup> National Conference of IADVL and 4<sup>th</sup> South Asian Regional Conference held at New Delhi in Feb. 2005.</li> <li>• <b>Awarded the best paper award</b> at mid year symposium of Indian</li> </ul>

	<p>Association of Dermatologists, Venereologists and Leprologists (Delhi Branch) held in July 2000.</p> <ul style="list-style-type: none"> <li>• <b>Awarded 2<sup>nd</sup> position in Quiz</b> conducted in mid year symposium of Indian Association of Dermatology, Venereology and Leprology (Delhi Branch) held in July 1998.</li> </ul>
Chander Grover	<ul style="list-style-type: none"> <li>• Founder Secretary, Nail Society of India (NSI)</li> <li>• Assistant Editor, Indian Journal of Dermatology, Venereology and Leprology; a peer reviewed journal of IADVL with an impact factor of 1.325</li> <li>• Executive Editor, Tropical Clinics of Dermatology- a peer reviewed Open access journal</li> <li>• Organizing Secretary for 3<sup>rd</sup> International Summit of Nail Diseases (ISND) and 4<sup>th</sup> ONYCHOCON-2015, National Conference of Nail Society of India, 20-22<sup>nd</sup> November, 2015 at Delhi, India</li> <li>• Member, Special Interest group of IADVL (Indian association of Dermatology, Venereology and Leprology) on Dermatosurgery.</li> <li>• Organizing Secretary for ONYCHOCON-2013, the 2<sup>nd</sup> National Conference of Nail Society of India, 9-10<sup>th</sup> November, 2013 at Delhi, India along with a Pre-Conference Surgical Workshop on Nail Procedures, 8<sup>th</sup> November, 2013 at UCMS and GTB Hospital</li> <li>• Editorial board Member of Indian Journal of Medical Specialties.</li> </ul>

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

Advanced Course Workshop in Medical Education Technology, 14 & 15 October, 2013
Second Faculty Development Workshop from 15th to 19th March 2011
First Faculty Development Workshop from 1st to 6th February 2010
Workshop on "Biostatistics for thesis Supervisors" 2012
"Using PubMed, Cochrane Library, and Mendelleyto Search, Save, Store and Cite References" 4



November 2012
Faculty Development Workshop "How to Supervise a Thesis" 29-30 September, 2012
Faculty Development Workshop "How to Obtain Funding for Research" 22-23 November, 2011
Advanced Course on Biostatistics, February, 2014

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects.

**100% OF PG students require doing a research project and writing a thesis as a mandatory requirement.**

- percentage of students doing projects in collaboration with other universities / industry / institute

**Nil**

29. Awards / recognitions received at the national and international level by

- Faculty

NAME	AWARD
SN Bhattacharya	<ul style="list-style-type: none"> <li>Awarded "Dr. VN Sehgal <b>Gold Medal</b>" for <b>Excellence in Dermatology, 1991</b></li> <li><b>State Appreciation Award for Services rendered in the field of HIV/AIDS.</b></li> <li><b>Hospital Appreciation Award for Services rendered-2012</b></li> <li><b>Sardari Lal Memorial Award, IADVL Delhi State Branch-2012</b></li> <li>State Appreciation Award for services rendered in the field of leprosy- 2012</li> </ul>
Archana Singal	<ul style="list-style-type: none"> <li>Awarded IADVL Systemic ORATION in 2013 on <b>Lichen Scrofulosorum- Is It Truly Rare? Reality Unleashed!</b></li> <li>Recipient <b>Sardari Lal Memorial Award (2010)</b> for academic excellence by IADVL Delhi State Branch</li> <li>Honored with prestigious membership of National Academy of Medical Sciences in 2007.</li> </ul>

	<ul style="list-style-type: none"> <li>• Awarded International Congress of Dermatology (ICD) travel grant to present during ICD, Beijing (China) in May, 2004</li> </ul>
DeepikaPandhi	<ul style="list-style-type: none"> <li>• Honored with prestigious membership of National Academy of Medical Sciences in 2014.</li> <li>• Awarded “Dr. VN Sehgal <b><u>Gold Medal</u></b>” for <b><u>Excellence in Dermatology, 1999.</u></b></li> <li>•</li> </ul>
Chander Grover	<ul style="list-style-type: none"> <li>• Awarded the <b><u>American Academy of Dermatology Scholarship</u></b> to attend the <b>Annual AAD Conference</b> in San Francisco, March 2006.</li> <li>• Dermafest-2004 – 32<sup>nd</sup> National Conference of IADVL (Mumbai): won the <b><u>Best Poster Award</u></b> for poster entitled “Leprosy with GuillainBarre Syndrome- a new neurologic manifestation”</li> <li>• Honored with prestigious membership of National Academy of Medical Sciences in 2003.</li> <li>• <b><u>Won 2<sup>nd</sup> prize in “Young Dermatologist Award Session”</u></b> at the annual conference of Delhi state branch of IADVL- 2003 for the paper entitled “A histopathologic study of nail psoriasis”.</li> <li>• <b><u>Won 1<sup>st</sup> prize in “Young Dermatologist Award Session”</u></b> at the annual conference of Delhi state branch of IADVL- 2002 for the paper entitled “ Twenty nail dystrophy – a clinician’s dilemma”.</li> <li>• Awarded “Dr. VN Sehgal <b><u>Gold Medal</u></b>” for <b><u>Excellence in Dermatology, 2002.</u></b></li> <li>• <b>International</b> Fellow, American Academy of Dermatology</li> </ul>

- Doctoral / post doctoral fellows
- Students

**Best thesis Award – IADVL, National**

- **Dr. Lipy Gupta – 2007**
- **Dr. Neha Kumar – 2010**
- **Dr. KavitaBisherwal - 2013**

**Young Dermatologist Award IADVL Delhi State by PG students–**

- **Dr. Lipy Gupta – 2007**
- **Dr. SidharthSonthalia – 2008**
- **Dr. Neha Kumar – 2010**
- **Dr. Amit Dhawan-2010**
- **Dr. Rahul Arora – 2012**
- **Dr. KavitaBisherwal - 2013**

**ICD Fellowships**

**Dr. SidharthSonthalia**

**EADV scholarship**

**Dr. SidharthSonthalia**

**Dr Rahul Arora**

**AAD (American Academy of Dermatology) Fellowship**

- **DrAnantaKhurana**
- **DrNamrataChhabra**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<b>Name</b>	<b>Source of funding</b>
Organized two day long <b>Training of Trainers</b> on “Prevention of Disability (POD) in Leprosy’ in Feb, 2009	State Leprosy Officer (DGHS)

<b>First Exclusive CME on Nail Disorders, organized by Nail Society of India at MAMC Auditorium on 6<sup>th</sup> May, 2012</b>	<b>Registration</b>
Pre-Conference Surgical Workshop on Nail Procedures, 8 <sup>th</sup> November, 2013 at UCMS and GTB Hospital organized by Department of Dermatology and STD, UCMS and GTB Hospital under the aegis of Nail Society of India	Registrations
ONYCHOCON-2013, the 2 <sup>nd</sup> National Conference of Nail Society of India, organized by Department of Dermatology and STD, UCMS and GTB Hospital under the aegis of Nail Society of India 9-10 <sup>th</sup> November, 2013 at Delhi, India	Registrations
<b>To be held-</b> 3 <sup>rd</sup> International Summit on Nail Diseases and 4 <sup>th</sup> ONYCHOCON-2015, being organized by Department of Dermatology and STD, UCMS and GTB Hospital under the aegis of Nail Society of India on 20-22 <sup>nd</sup> November, 2015 at Delhi, India.	Registrations

31. Code of ethics for research followed by the departments

- **The PG students are required to submit their thesis / Research protocol in every case to Institutional Ethics Committee (ICMR approved) and approval/clearance is required for all PG Medical students for proceeding with their thesis Research protocol.**
- **There is a specific ordinance (Ordinance VI), which comprehensively deals with the rules, policies and guidelines on research activities being undertaken by the university, which are being followed by the Institution and department.**
- **Clinical research projects need to be approved by the Hospital Ethics Committee.**

32. Student profile program-wise:

The department conducts the programme for MD in Dermatology. Admission process for this programme is conducted by the Delhi University as per their laid rules and regulations. No detailed information regarding applicant details as these are available with the department.

33. Diversity of students

Admission process for the MD programme run by the department is conducted by the Delhi

University as per their laid rules and regulations. No such information regarding applicant details as these are available with individual departments.

<b>Name of the Program</b> (refer to question no. 4)	<b>% of students from the same university</b>	<b>% of students from other universities within the State</b>	<b>% of students from universities outside the State</b>	<b>% of students from other countries</b>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

**NOT APPLICABLE**

35. Student progression

<b>Student progression</b>	<b>Percentage against enrolled</b>
UG to PG	<b>Data with Institution/University</b>  <b>No such programme</b>  <b>None</b>  <b>No such programme at present</b>
PG to M.Phil, DM / M Ch / DNB	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed • Campus selection • Other than campus recruitment	<b>Data not maintained</b>  <b>NA</b>
Entrepreneurs	<b>No data with Dept</b>

36. Diversity of staff

<b>Percentage of faculty who are graduates</b>	
of the same university	<b>60 %</b>
from other universities within the State	<b>20 %</b>
from universities from other States	<b>20%</b>
from universities outside the country	<b>NIL</b>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during

the assessment period

**NIL**

38. Present details of departmental infrastructural facilities with regard to

a) Library **Available, Inspected/approved by MCI**

b) Internet facilities for staff and students **Available**

c) Total number of classrooms

**One Seminar room (within Department),**

**five large institutional lecture theaters,**

**Demonstration rooms in OPD.**

d) Class rooms with ICT facility and 'smart' class rooms **No**

e) Students' laboratories **No**

f) Research laboratories **Available (Institutional / Interdepartmental)**

39. List of doctoral, post-doctoral students and Research Associates :

**None**

a) from the host institution/university

b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. Information pertains to Academic Section (UCMS). No such information available in Department of Dermatology.

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.

No new programmes have been initiated, thus not applicable.s

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

**Yes, restructuring of curriculum and teaching methodology**

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

**Yes, restructuring of curriculum and teaching methodology**

c. alumni and employers on the programs offered and how does the department utilize the feedback?

**No**

43. List the distinguished alumni of the department (maximum 10)

**None**

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.

- Foreign Faculty lectures, Thesis workshops, CPC, Conferences, MEU activities, Mentorship programs
- Prof Celia Moss, Consultant Dermatologist at Birmingham Children's Hospital and Honorary Professor at the University of Birmingham delivered a lecture on 'Mosaicism and Genodermatoses' on 5<sup>th</sup> Dec, 2015.
- CPC – Video Conferencing - PGI Chandigarh and SGPGI, Lucknow– weekly
- Institutional / Inter departmental:
  - Inter-departmental : Case Presentation
  - Inter-departmental – Histopathology Review
  - Microbiology bench work orientation
  - State IADVL clinical meetings held
  - Participation in State / National and International Workshops/Conferences
  - Organizational involvement in conduct of conference at state and national levels

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.

CPC, Bed Side Teaching, Didactic lectures, Seminars, Workshops, Problem oriented teaching, Journal Clubs, Post Graduate reviews, Difficult case presentations

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?

- Periodic formal and informal evaluation
- Case presentation/discussion
- Teaching Grand Rounds
- Seminars, Journal Clubs
- Formative assessment as per schedule

- Half yearly theory and periodic practical Exams.

47. Highlight the participation of students and faculty in extension activities:

- Camps
- Workshops
- Nursing training
- Undergraduate training
- Participation in Media (both audio and visual) for general population
- Lectures in various public platforms
- Specialty specific awareness programs
- Workshops and trainings in other institutions

48. Give details of “beyond syllabus scholarly activities” of the department:

- **Research / Publication participation and guidance**
- **Guest Lecture**
- **Chairing academic activities/ coordinating panel discussion**
- **Invited faculty at workshops**
- **Accredited trainers/Evaluation for different forum/organizations**
- **Organizing Conferences**
- **Organizing workshops**

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.

**Yes, Delhi University through external evaluators, and most importantly, periodically by MCI.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.

**Through research papers, projects, PhD work as evident by publications (Annexure 1)**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

Strength

- Harmonious work environment
- Faculty synergy



- Distributed widespread areas of Interest
- Healthy student teacher relationships
- Patient load and variety

#### Weakness

- Infrastructure – space available to the department, location in NCR
- Budgetary/procurements - Lack of, or, slow procedural procurements of latest equipments (LASERS and others)
- Manpower / human resources- acute shortage
- Limited perception of Dermatological Sciences, by other Medical Specialties
- Lack of dedicated in-department academic time for faculty; academic block; online access to wide range of academic material.
- Lack of promotional avenues for university teachers

#### Opportunities

- Patient load and variety
- Interdisciplinary interaction availability
- Available talent and student resources

#### Challenges

- Endeavouring to provide highest level of medical education in the specialty, as well as patient care, within our limited resources of infrastructure and procedural limitations
- Constraint due to patient load
- Burden of administrative work apart from clinical, research and teaching responsibilities
- Budget allocation
- Bureaucracy

#### 52. Future plans of the department.

- **Upgrading equipment and facilities**
- **Thrust on quality research**

- Increase intake of postgraduate students
- Increase space and infrastucture availability commensurate with increased patient load and public expectation
- Increase efficiency of utilizing facilities
- Super-speciality clinics in the field of genodermatoses, nail disorders.

53. Further requisite important information of the Department

▪	Number of units available	<b>1 (one)</b>
▪	Total number of available teaching beds with distribution	<b>30 (16M, 8F,6Ch)</b>
▪	Teaching complement in each unit	
▪	Departmental Library – Number of Books/Journals (national, international)	<b>Annexure</b>
▪	<b>Available Clinical Material</b>	
	Average daily OPD	<b>485 pts (Mean)</b>
	Average daily IPD	<b>20 approx</b>
	Average daily bed occupancy rate	<b>Approx 70%</b>
▪	Specialty clinics and services being provided by the department	<b>Annexure</b>
▪	List of important equipment available and their functional status	<b>Annexure</b>
▪	<b><u>OPD Space:</u></b>	
	No. of rooms	<b><u>5+Lab+OT+Photo-Therapy</u></b>
	Waiting area for patients	<b><u>Yes</u></b>
	Teaching Space	<b>Yes</b>
	Equipment	<b>RF, Cryo, Phototherapy</b>
▪	<b><u>Operation Theatres</u></b>	Numbers 2
	AC/Non AC	<b>A/C</b>
	Equipment	<b>RF, CryoSurg,</b>
	Pre-Anaesthetic Clinic	<b>Nil</b>
	Post-anaesthetic care area	<b>Nil</b>
	Resuscitation arrangement	<b>Adequate/ non-</b>

			adequate	
	ICU		NIL	
	Total No. of cases operated	2012	2011	2010
	Major	NA	NA	NA
	Minor			
	Number of days operations carried out		All working days	
▪	List of publications from the department for last three years.		Annexure	
▪	<b>Average Daily Investigative Workload</b>			
	PAC Fitness			
	Radiology workload			
	Bio-Chemistry workload (24 hrs emergency lab)			
	Pathology workload including histopathology & FNAC			
	Microbiology workload			
▪	Ongoing training programme for PG students		Annexure	
▪	PG students logbook		Available/ <del>Not</del> available	
▪	Teaching facilities:	Number	Size	Seating capacity
	Seminar Rooms	1	24'x24'	30-35
	Demonstration Rooms	3	10'x20'	standing
	Audiovisual Aids:		Adequate / <del>Inadequate</del>	
▪	Working Ward Side lab		Space : <b>Yes</b> Facilities: <b>Yes</b> Technicians: <b>Yes</b>	
▪	Blood Bank facilities		24 hours open: <del>Yes/No</del>  Blood components: Available/ <del>Not available</del>	
▪	Incinerator		Available/ <del>Not available</del>	

▪ Laundry	Available/ <del>Not available</del>
▪ Central Supply of Oxygen/Suction	Available/ <del>Not available</del>
▪ Central sterilization department	Available/ <del>Not available</del>
▪ Hostels for UG & PG students	Available/ <del>Not available</del>
▪ Accommodation for Staff	Available/ <del>Not available</del>

▪ Office Accommodation:

- Departmental Office: **Yes**
- Space: **Yes**
- Staff (Steno /Clerk). **Yes**
- Computer/ Typewriter: **Yes**

Office Space for Teaching Faculty: **Yes for all**

- HOD
- Professor
- Assoc. Prof./ Reader
- Lecturer/ Asstt. Professor
- Resident duty room
- Clinic Pathological conference: **Yes. Also weekly Dermatopathology Review**
- Death Review Meetings: **Yes (Departmental)**
- Submission of data to national authorities if any – **Yes (STI, Leprosy)**
- Central Library: **Please see Annexure**
  - a. Total No. of Books.
  - b. Books pertaining to Ophthalmology
  - c. Purchase of latest editions in last 3 years.

Ophthalmology Books	Other Books

d. Journals:

	Total	
Indian		
Foreign		

e. Internet /Medlar/ Photocopy facilities **available/ not available.**

f. Library opening timings: - **Annexure**

g. Reading facility out of routine library hours - **Annexure**

- Ethical Committee (Constitution) - **Annexure**
- Medical Education Unit (Constitution). - **Annexure**
- Emergency/Casualty Department - **Annexure**

- No. of beds
- Equipment
- Available staff (Medical/Paramedical)
- No .of cases (Average daily attendance of patients).

1. Investigative facilities available (round the clock). - Annexure

- Facilities available

- Generator Facility: **Available / ~~Not available.~~**

Capacity:

- Medical Record Section: **Computerized/ ~~Not computerized.~~**

- Recreational facilities:

- Play grounds. **Available**

- Gymnasium **Available**

- Auditorium **Not Available**

- Any other information.

List of Non-teaching Staff in the department: -

S.No.	Name	Designation
1	MrsHarpreetKaur	Stenographer/Asst.
2	Mr. Naveen Lal	Technician
3	Mrs. Tara Kaushik	Technician
4	Mr. Mukesh Kumar	Peon
5	Dr. Ram Naresh Kumar	Resident Doctor (Non-P.G.)
6	Dr. GirajaShanker	Resident Doctor (Non-P.G.)

Signature of Head of the Department  
With official stamp

DERMATOLOGY NAAC 2016: INDEXED PUBLICATIONS/CONTRIBUTIONS TO SUBJECT  
by DERMATOLOGY FACULTY, UCMS. (past 6 years)

INDEXED PUBLICATIONS : DR. S.N. Bhattacharya 2009-10 to '15-'16

1. Gupta C(1), Das S(2), Ramachandran VG(2), Saha R(2), **Bhattacharya SN**(3), Dar SA(2,)(4), Atri D(2). Erratum to: Possible Role of Trichophytin Antigen in Inducing Impaired Mycopathologia. 2016 Apr;181(3-4):253. Mycopathologia. 2016 Apr;181(3-4):247-251. Epub 2015 Nov 27.
2. Dar SA(1,)(2), Akhter N(3), Haque S(2,)(4), Singh T(1), Mandal RK(2), Ramachandran VG(1), **Bhattacharya SN**(5), Banerjee BD(6), Das S(1). Tumor necrosis factor (TNF)- $\alpha$  -308G/A (rs1800629) polymorphism distribution in North India and its association with pemphigus: Case-control study and meta-analysis. Autoimmunity. 2016 Jan 13:1-9. [Epub ahead of print]
3. Dar SA(1,)(2), Janahi EM(3), Haque S(4,)(2), Akhter N(5), Jawed A(2), Wahid M(2), Ramachandran VG(1), **Bhattacharya SN**(6), Banerjee BD(7), Das S(8). Superantigen influence in conjunction with cytokine polymorphism potentiates autoimmunity in systemic lupus erythematosus patients. Immunol Res. 2015 Dec 16. [Epub ahead of print]
4. Gupta C(1), Das S(2), Ramachandran VG(2), Saha R(2), **Bhattacharya SN**(3), Dar SA(2,)(4), Atri D(2). Possible Role of Trichophytin Antigen in Inducing Impaired Immunological Clearance of Fungus in Onychomycosis. Mycopathologia. 2016 Apr;181(3-4):247-51. doi: 10.1007/s11046-015-9973-3. Epub 2015 Nov 27.
5. Grover C(1), Khurana A, **Bhattacharya SN**, Sharma A. Controlled trial comparing the efficacy of 88% phenol versus 10% sodium hydroxide for chemical matricectomy in the management of ingrown toenail. Indian J Dermatol Venereol Leprol. 2015 Sep-Oct;81(5):472-7. doi:10.4103/0378-6323.163787.
6. Kashyap B(1), Grover C(2), Dhawan A(2), **Bhattacharya SN**(2), Kaur IR(1), Das S(1). A Cross-Sectional Study of Anti-Hepatitis B Antibody Status in STD Patients: Need for Improved Immunization. Indian J Dermatol. 2015 May-Jun;60(3):305-7. doi: 10.4103/0019-5154.156396.
7. Chhabra N, **Bhattacharya SN**, Singal A, Ahmed RS, Verma P. Profile of oxidative stress in response to treatment for type 1 leprosy reaction. Lepr Rev. 2015 Mar;86(1):80-8.
8. Sharma S(1), Sehgal VN, Bhattacharya SN, Mahajan G, Gupta R. Clinicopathologic spectrum of cutaneous tuberculosis: a retrospective analysis of 165 Indians. Am J Dermatopathol. 2015 Jun;37(6):444-50. doi: 10.1097/DAD.0000000000000297.
9. Latka C(1), Dey SS(1), Mahajan S(2), Prabu R(2), Jangir PK(3), Gupta C(4), Das S(4), Ramachandran VG(4), **Bhattacharya SN**(5), Pandey R(6), Sharma R(7), Ramachandran S(1), Taneja B(8). Genome sequence of a clinical isolate of dermatophyte, Trichophyton rubrum from India. FEMS Microbiol Lett. 2015 Apr;362(8):fzv039. doi: 10.1093/femsle/fzv039. Epub 2015 Mar 10.

- 10: Latka C, Dey SS, Mahajan S, Prabu R, Jangir PK, Gupta C, Das S, Ramachandran VG, **Bhattacharya SN**, Pandey R, Sharma R, Ramachandran S, Taneja B. Genome sequence of a clinical isolate of dermatophyte, *Trichophyton rubrum* from India. *FEMS Microbiol Lett*. 2015 Mar 10. pii: fnv039. [Epub ahead of print] PubMed PMID: 25761751.
- 11: Chhabra N, Grover C, Singal A, **Bhattacharya SN**, Kaur R. Leprosy Scenario at a Tertiary Level Hospital in Delhi: A 5-year Retrospective Study. *Indian J Dermatol*. 2015 Jan-Feb;60(1):55-9. doi: 10.4103/0019-5154.147793. PubMed Central PMCID: PMC4318064.
- 12: Khanna N, Singh M, Rasool S, Ammini A, Bhatla N, Garg V, Rao S, **Bhattacharya SN**. Menstrual irregularities, fertility status, and ovarian function in female patients with leprosy in India. *Int J Dermatol*. 2014 Sep;53(9):1114-8. Epub 2014 Jul 11. PubMed PMID: 25040568.
- 13: Chopra R, Kalaiarasan P, Ali S, Srivastava AK, Aggarwal S, Garg VK, **Bhattacharya SN**, Bamezai RN. PARK2 and proinflammatory/anti-inflammatory cytokine gene interactions contribute to the susceptibility to leprosy: a case-control study of North Indian population. *BMJ Open*. 2014 Feb 27;4(2): PubMed Central PMCID:PMC3939656.
- 14: Arora R, Pandhi D, Mishra K, **Bhattacharya SN**, Yhome VA. Anal cytology and p16 immunostaining for screening anal intraepithelial neoplasia in HIV-positive and HIV-negative men who have sex with men: a cross-sectional study. *Int J STD AIDS*. 2014 Sep;25(10):726-33. Epub 2014 Jan 16. PubMed PMID: 24435064.
- 15: Chopra R, Ali S, Srivastava AK, Aggarwal S, Kumar B, Manvati S, Kalaiarasan P, Jena M, Garg VK, **Bhattacharya SN**, Bamezai RN. Mapping of PARK2 and PACRG overlapping regulatory region reveals LD structure and functional variants in association with leprosy in unrelated indian population groups. *PLoS Genet*. 2013;9(7):e1003578. Epub 2013 Jul 4:PubMed Central PMCID: PMC3701713.
- 16: Sehgal VN, Verma P, **Bhattacharya SN**, Sharma S, Rasool F. Lichen planus pigmentosus. *Skinmed*. 2013 Mar-Apr;11(2):96-103. PubMed PMID: 23745228.
- 17: Pandhi D, Singal A, **Bhattacharya SN**. Lichen planus in childhood: a series of 316 patients. *Pediatr Dermatol*. 2014 Jan-Feb;31(1):59-67. Epub 2013 Apr 29. PubMed PMID: 23627802.
- 18: Nasare NV, Banerjee BD, Suryakantrao Deshmukh P, Mediratta PK, Saxena AK, Ahmed RS, **Bhattacharya SN**. CYP2D6\*2 Polymorphism as a Predictor of Failed Outpatient Tramadol Therapy in Postherpetic Neuralgia Patients. *Am J Ther*. 2013 Apr 5. [Epub ahead of print] PubMed PMID: 23567787.
- 19: Sehgal VN, Verma P, **Bhattacharya SN**. Pathophysiology of adverse cutaneous drug reactions--applied perceptions: Part II. *Skinmed*. 2012 Nov-Dec;10(6):373-83. PubMed PMID: 23346666.
- 20: Ali S, Srivastava AK, Chopra R, Aggarwal S, Garg VK, **Bhattacharya SN**, Bamezai RN. IL12B SNPs and copy number variation in IL23R gene associated with susceptibility to leprosy. *J Med Genet*. 2013 Jan;50(1):34-42. PubMed PMID: 23240095.
- 21: Grover C, Khurana A, **Bhattacharya SN**. Sclerotherapy for the treatment of infantile hemangiomas. *J Cutan Aesthet Surg*. 2012 Jul;5(3):201-3. PubMed Central PMCID:PMC3483580.
- 22: Sehgal VN, Verma P, **Bhattacharya SN**. Physiopathology of adverse cutaneous drug reactions--applied perceptions: part I. *Skinmed*. 2012 Jul-Aug;10(4):232-7. PubMed PMID: 23008941.
- 23: Verma P, **Bhattacharya SN**, Banerjee BD, Khanna N. Oxidative stress and leukocyte migration inhibition response in cutaneous adverse drug reactions. *Indian J Dermatol Venereol Leprol*. 2012 Sep-Oct;78(5):664. PubMed PMID: 22960836.



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- 26: Dar SA, **Bhattacharya SN**, Das S, Ramachandran VG, Banerjee BD, Arora P. Response of T-cell subpopulations to superantigen and recall antigen stimulation in systemic sclerosis. *Indian J Dermatol.* 2012 May;57(3):175-80. PubMed Central PMCID: PMC3371518.
- 27: Sehgal VN, Verma P, **Bhattacharya SN**, Sharma S, Singh N, Verma N. Cutaneous tuberculosis: a diagnostic dilemma--laboratory inputs. *Skinmed.* 2012 Mar-Apr;10(2):82-9. PubMed PMID: 22545322.
- 28: Choudhry S, Ramachandran VG, Das S, **Bhattacharya SN**, Mogha NS. Authors' reply. *Indian J Sex Transm Dis.* 2012 Jan;33(1):68-9. PubMed PMID: 22529465; PubMed Central PMCID: PMC3326861.
- 29: Sehgal VN, Verma P, **Bhattacharya SN**, Sharma S. Familial reactive perforating collagenosis in a child: response to narrow-band UVB. *Pediatr Dermatol.* 2013 Nov-Dec;30(6):762-4. Epub 2012 Apr 4. PubMed PMID: 22471911.
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- 31: Sehgal VN, Verma P, **Bhattacharya SN**, Sharma S, Singh N, Verma N. Cutaneous tuberculosis: a diagnostic dilemma. *Skinmed.* 2012 Jan-Feb;10(1):28-33. PubMed PMID: 22324174.
- 32: Sehgal VN, Srivastava G, Aggarwal AK, Gupta M, **Bhattacharya SN**, Verma P. Noninsulin-dependent, type II diabetes mellitus-related dermatoses: part III. *Skinmed.* 2011 Nov-Dec;9(6):367-75; quiz 375-6. PubMed PMID: 22256626.
- 33: Dar SA, Das S, Ramachandran VG, **Bhattacharya SN**, Mustafa MD, Banerjee BD, Verma P. Alterations in T-lymphocyte sub-set profiles and cytokine secretion by PBMC of systemic lupus erythematosus patients upon in vitro exposure to organochlorine pesticides. *J Immunotoxicol.* 2012 Jan-Mar;9(1):85-95. Epub 2012 Jan 4. PubMed PMID: 22214240.
- 34: Sehgal VN, Srivastava G, Aggarwal AK, Gupta M, **Bhattacharya SN**, Verma P. Noninsulin-dependent, type II diabetes mellitus-related dermatoses: part II. *Skinmed.* 2011 Sep-Oct;9(5):302-8. PubMed PMID: 22165045.
- 35: Ali S, Chopra R, Aggarwal S, Srivastava AK, Kalaiarasan P, Malhotra D, Gochhait S, Garg VK, **Bhattacharya SN**, Bamezai RN. Association of variants in BAT1-LTA-TNF-BTNL2 genes within 6p21.3 region show graded risk to leprosy in unrelated cohorts of Indian population. *Hum Genet.* 2012 May;131(5):703-16. Epub 2011 Nov 10. PubMed PMID: 22071774.
- 36: Sehgal VN, Srivastava G, Aggarwal AK, Gupta M, **Bhattacharya SN**, Verma P. Noninsulin-dependent, type II diabetes mellitus-related dermatoses: part I. *Skinmed.* 2011 Jul-Aug;9(4):240-4. PubMed PMID: 21980709.
- 37: Aggarwal S, Ali S, Chopra R, Srivastava A, Kalaiarasan P, Malhotra D, Gochhait S, Garg VK, **Bhattacharya SN**, Bamezai RN. Genetic variations and interactions in anti-inflammatory cytokine pathway genes in the outcome of leprosy: a study conducted on a MassARRAY platform. *J Infect Dis.* 2011 Oct 15;204(8):1264-73. PubMed PMID: 21917900.

38: Dar SA, Das S, **Bhattacharya SN**, Ramachandran VG, Ahmed T, Banerjee BD, Sonthalia S, Sood V, Banerjea AC. Possible role of superantigens in inducing autoimmunity in pemphigus patients. *J Dermatol*. 2011 Oct;38(10):980-7. Epub 2011 Jul 18. PubMed PMID: 21767297.

39: Choudhry S, Ramachandran VG, Das S, **Bhattacharya SN**, Mogha NS. Pattern of sexually transmitted infections and performance of syndromic management against etiological diagnosis in patients attending the sexually transmitted infection clinic of a tertiary care hospital. *Indian J Sex Transm Dis*. 2010 Jul;31(2):104-8. PubMed Central PMCID: PMC3122595.

40: Choudhry S, Ramachandran VG, Das S, **Bhattacharya SN**, Mogha NS. Characterization of patients with multiple sexually transmitted infections: A hospital-based survey. *Indian J Sex Transm Dis*. 2010 Jul;31(2):87-91. PubMed Central PMCID: PMC3122591.

41: Sehgal VN, **Bhattacharya SN**, Verma P. Juvenile, insulin-dependent diabetes mellitus, type 1-related dermatoses. *J Eur Acad Dermatol Venereol*. 2011 Jun;25(6):625-36. doi: 10.1111/j.1468-3083.2010.03912.x. Epub 2010 Nov 25. PubMed PMID: 21108666.

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44: Mehta S, Singal A, Singh N, **Bhattacharya SN**. A study of clinicohistopathological correlation in patients of psoriasis and psoriasiform dermatitis. *Indian J Dermatol Venereol Leprol*. 2009 Jan-Feb;75(1):100. PubMed PMID: 19177702.

45: Jain S, Kaur IR, Das S, **Bhattacharya SN**, Singh A. T helper 1 to T helper 2 shift in cytokine expression: an autoregulatory process in superantigen-associated psoriasis progression? *J Med Microbiol*. 2009 Feb;58(Pt 2):180-4. PubMed PMID: 19141734.

### Dr. Archana Singal

1. **Singal A**, Pandhi D. Lichen scrofulosorum and endometrial tuberculosis: a novel association. *Int J Dermatol*. 2016 Mar;55(3):322-4.
2. Dhawan AK, **Singal A**, Bisherwal K, Pandhi D. Subcutaneous emphysema mimicking angioedema. *Indian Dermatol Online J*. 2016 Jan-Feb;7(1):55-6.
3. Sharma R, Verma P, **Singal A**, Yadav P. Posttraumatic Onychoheterotopia: A Report of Two Cases. *Skinmed*. 2015 Dec 1;13(6):483-4.
4. Yadav P, Verma P, **Singal A**. Leprosy presenting as a non-healing ulcer and associated unusual myth. *Lepr Rev*. 2015 Sep;86(3):288-91.
5. Daulatabad D, **Singal A**, Grover C, Sharma SB, Chhillar N. Assessment of Oxidative Stress in Patients with Premature Canities. *Int J Trichology*. 2015 Jul-Sep;7(3):91-4.
6. Daulatabad D, **Singal A**, Grover C, Chhillar N. Profile of Indian patients with premature canities. *Indian J Dermatol Venereol Leprol*. 2016 Mar-Apr;82(2):169-72.

7. Radhika AG, **Singal A**, Radhakrishnan G, Singh S. Pyodermagangrenosum following a routine caesarean section: Pseudo-infection in a caesarean wound. *Qatar Med J*. 2015 Apr 10;2015(1):1.
8. Dhawan AK, Bisherwal K, Gandhi V, **Singal A**, Sharma S. Successful treatment of cutaneous leishmaniasis with nitazoxanide. *Indian J Dermatol Venereol Leprol*. 2015 Sep 16.
9. Vohra S, **Singal A**, Sharma SB. Clinical and serological efficacy of topical calcineurin inhibitors in oral lichen planus: a prospective randomized controlled trial. *Int J Dermatol*. 2016 Jan;55(1):101-5.
10. Goyal S, Arora VK, Gupta L, **Singal A**, Kaur N. Neurocristic Hamartoma With Lymph Node Involvement: A Diagnostic Dilemma. *Am J Dermatopathol*. 2015 Jul;37(7):e87-92.
11. Yadav P, **Singal A**, Pandhi D, Das S. Comparative efficacy of continuous and pulse dose terbinafine regimens in toenail dermatophytosis: A randomized double-blind trial. *Indian J Dermatol Venereol Leprol*. 2015 Jul-Aug;81(4):363-9.
12. **Singal A**, Arora R, Pandhi D. Lupus vulgaris leading to perforation of nasal septum in a child. *Indian Dermatol Online J*. 2015 May-Jun;6(3):196-7.
13. Sonthalia S, **Singal A**. Congenital plate-like osteoma cutis. *Indian Pediatr*. 2015 Apr;52(4):357.
14. Sonthalia S, Sahaya K, Arora R, **Singal A**, Srivastava A, Wadhawan R, Zartab H, Gupta KS. Nocebo effect in Dermatology. *Indian J Dermatol Venereol Leprol*. 2015 May-Jun;81(3):242-50.
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17. Sonthalia S, **Singal A**, Das S. Tinea cruris and tinea corporis masquerading as tinea indecisiva: case report and review of the literature. *J Cutan Med Surg*. 2015 Mar-Apr;19(2):171-6.
18. Daulatabad D, **Singal A**, Dhawan A, Pandhi D, Sharma S. Mucocutaneous leishmaniasis caused by *Leishmania donovani* infection in an Indian man. *Int J Dermatol*. 2015 Jun;54(6):680-4.
19. Chhabra N, Grover C, Singal A, Bhattacharya SN, Kaur R. Leprosy Scenario at a Tertiary Level Hospital in Delhi: A 5-year Retrospective Study. *Indian J Dermatol*. 2015 Jan-Feb;60(1):55-9.
20. Pandhi D, Singal A, Sharma S, Agrawal S. Pigmented Palmo-plantar Papules and Plaques. *Indian J Dermatol*. 2014 Nov;59(6):636.
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23. Pandhi D, **Singal A**, Sharma S, Agrawal S. Pigmented Palmo-plantar Papules and Plaques. *Indian J Dermatol*. 2014 Nov;59(6):636.
24. Sonthalia S, **Singal A**, Das S. Tinea cruris and tinea corporis masquerading as tinea indecisiva: case report and review of the literature. *J Cutan Med Surg*. 2014 Oct;18(5):1-6.
25. Khanna D, **Singal A**, Gupta R. Onset of psoriasis triggered by Mantoux test. *Indian J Dermatol Venereol Leprol*. 2014 Sep-Oct;80(5):451-4.
26. Mishra K, Das S, Goyal S, Gupta C, Rai G, Ansari MA, Saha R, **Singal A**. Subcutaneous mycoses caused by *Rhizoglyphus* species in an immunocompetent patient. *Med Mycol Case Rep*. 2014 Jul 23;5:32-4.

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31. Pandhi D, **Singal A**, Verma P, Sharma R. The efficacy of azithromycin in pityriasis rosea: a randomized, double-blind, placebo-controlled trial. *Indian J Dermatol Venereol Leprol*. 2014 Jan-Feb;80(1):36-40.
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37. Pandhi D, **Singal A**. Bullous Dermatitis Artefacta. *Indian Pediatr*. 2013 ; 50(9): 897-898.
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39. Verma P, **Singal A**, Yadav P. Perniosis in an Infant Treated with Topical Nitroglycerine. *Pediatr Dermatol*. 2013 Sep;30(5):623-4
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41. **Singal A**, Chhabra N, Pandhi D, Rohatgi J. Behcet's disease in India: A dermatological perspective. *Indian J Dermatol Venereol Leprol*. 2013Mar;79(2):199-204.
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## **Dr. Chander Grover**

### **1. Publications in indexed journals**

### **2. Full paper publications in conference proceedings**

### **3. Abstract publication in conference proceedings**

#### 4. Scientific writings in science magazines

#### 5. Chapters in books

5. **Grover C.** Segmental Reddish discoloration involving the ophthalmic area. In Puzzling cases in pediatric Dermatology. Ed Thappa DM Pub Tree Life Media (Kothari Medical) 2015 pp 104-115
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**b. Full paper publications in conference proceedings**

**c. Abstract publication in conference proceedings**

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3. An approach to management of infantile hemangiomas. Published in Abstract CD of 4<sup>th</sup> Spring Meeting of ISDS (International Society of Dermatologic Surgery) in cooperation with ACSI (Association of Cutaneous Surgeons of India), April 12-15<sup>th</sup>, Gurgaon, India
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8. Surgical Management of glomus tumors: My experience published in Abstract Book of the 2<sup>nd</sup> International Summit on Nail Diseases, organized by the European Nail Society, along with the Moroccan Society of Dermatology, at Palais de Congres, Marrakech, Morocco from 3<sup>rd</sup> to 5<sup>th</sup> April, 2013.
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**d. Scientific writings in science magazines**

**e. Chapters in books**

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