

# **RESUME**

## **❖ BRIEF PROFILE:**

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- **Dr. SANDEEP KANSAL**  
(Ph. D, M. Sc., UGC-NET, GATE)

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  - **PROFESSOR & HEAD, DEPARTMENT OF PHYSICS**

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  - **DEAN, FACULTY OF SCIENCES, MRSPTU**



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- **Ex-DIRECTOR, IQAC**
  - **Ex-DIRECTOR, P&D**
  - **Ex-PROFESSOR INCHARGE (FINANACE & PURCHASE)**
  - **Ex-NODAL OFFICER, PMSS**
  - **FOUNDER HEAD, DEPARTMENT OF PHYSICS**

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- **ASSESOR FOR NAAC**
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## **❖ PERSONAL DETAILS:**

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**Date of Birth** : 29-11-1972

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**Father /Mother** : Sh. Megh Raj Kansal/ Late Smt. Sarla Devi

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**University** : Maharaja Ranjit Singh Punjab Technical University (MRSPTU),  
Bathinda, Punjab.  
(State University Established by Govt. of Punjab)

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**Job Experience** : 28 Years

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**Qualification** : Ph. D (Nuclear Physics), M.Sc.(H.S.) Physics, B.Sc.(H.S.) Physics,  
\* Qualified UGC-CSIR Test in 1995  
\*Qualified GATE-1995 exam with 83.89 percentile.

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**Address** : H. No. 20559/1, Street no. 23-A, Ajit Road,  
Bathinda-151001 (PB)

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**Nationality** : Indian

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**Gender** : Male

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**Marital Status** : Married

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**Contact** : 9872000814

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**E mail** : [skansal2k16@gmail.com](mailto:skansal2k16@gmail.com)

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❖ **ACADEMIC CREDENTIALS:**

<b>Exam Passed</b>	<b>Board/ University</b>	<b>Subjects</b>	<b>Year</b>	<b>Division / %age</b>
Research Degree <b>Ph. D.</b>	Inder Kumar Gujral Punjab Technical University, Jalandhar	<b>Physics</b>	2013	-----
Master's Degree <b>M.Sc. (Hons. School)</b>	Panjab University, Chandigarh	<b>Physics</b>	1995	First/ 65%
Bachelor's Degree <b>B.Sc. (Hons. School)</b>	Panjab University, Chandigarh	<b>Physics</b>	1993	First/ 63.8%
Higher secondary <b>10+2 (Non- Med)</b>	Punjab School Edu Board, Mohali. (Govt. Ranbir College, Sangrur)	<b>Science</b>	1989	First/ 69.33%
Matriculation <b>10<sup>th</sup></b>	Punjab School Edu Board, Mohali. (Govt. High School, Lehragaga)	-----	1987	First/ 83.25%
<b>UGC/CSIR -NET</b>	UGC-CSIR	<b>Physics</b>	1995	Qualified
<b>GATE-95</b>	-----	<b>Physics</b>	1995	83.89%

❖ **EMPLOYMENT DETAILS:**

<b>Name &amp; Address Employer/ Institution</b>	<b>Period</b>	<b>Designation</b>	<b>Nature of Job</b>	<b>Pay Scale/ Grade Pay</b>
Maharaja Ranjit Singh Punjab Technical University (MRSPTU), Bathinda	26.12.2013- Till Date	Professor	--do--	37400-67000 GP 10000
Giani Zail Singh Punjab Technical University (GZSPTU) Campus, Bathinda.	25.12.2010- 25.12.2013	Associate Professor	--do--	37400-67000 GP 9000
Giani Zail Singh College of Engg & Tech (GZSCET), Bathinda.	25.12.2007- 24.12.2010	Lecturer (Selection Scale)	--do--	1500-39100 GP 8000
-----DO----	28.12.2002- 24.12.2007	Lecturer (Sr Scale)	--do--	8000-13500 GP 7000
-----DO----	26.08.1996- 27.12.2002	Lecturer	Regular	2200-4000

❖ **ADMINISTRATIVE RESPONSIBILITIES (MRSPTU):**

<b>DESIGNATION</b>	<b>PERIOD</b>	<b>DURATION</b>	<b>NATURE OF WORK</b>
<b>Dean,</b> Faculty of Sciences, MRSPTU, Bathinda.	26.03.2023- 25.03.2025	2 Years (continued)	Academics and Research matters related to University and Sciences Departments.
<b>Head,</b> Department of Physics,	01.12.2021- Till Date & 08.06.2012- 31.12.2019	9 years 6 Months (continued)	Founder Head, established a new department. Administrative Work, Recruitment, Curricular and Extra Curricular Activities related to department.
<b>Director,</b> Planning & Development, MRSPTU, Bathinda.	02.07.2021- 27.12.2021	6 months	To develop and implement strategic planning for the growth of university.
<b>Director,</b> IQAC & <b>Professor Incharge,</b> IQAC, MRSPTU, Bathinda	30.04.2019- 05.05.2021	2 year	To develop a system to improve the Academic and Administrative work culture, to promote Best Practice, to apply for gradation of university etc.
<b>Professor Incharge,</b> Finance & Purchase, MRSPTU, Bathinda	24.06.2020- 21.05.2022	1 year 11 months	As Finance Officer of University & Stores & Purchase Officer of University
<b>Nodal Officer</b> (Sanctioning Authority), PMS Scheme, MRSPTU, Bathinda.	05.08.2015- 20.05.2019	3 years 10 months	To look after the scholarship work of SC/BC Students enrolled in around 70 institutes (6000 students) affiliated with MRSPTU.
<b>Chairman,</b> Board of Studies, Department of Physics.	01.10.2017- 08.08.2024	4 years	Discuss and approve study scheme and syllabus related to Physics of UG, PG, Pre Ph. D. programs.
<b>Member,</b> Faculty of Sciences. MRSPTU, Bathinda.	01.10.2015- 25.03.2023	6 years	Discuss and approve study scheme and syllabus of all programs in university.
<b>Member,</b> Academic Council, MRSPTU, Bathinda	26.06.2015- Till date	8 years 7 months	Academics related issues of university.

<b>Member,</b> University Research Board, MRSPTU, Bathinda.	27.05.2019- Till date	4 years 7 months	Research related issues of university.
<b>Convener / PhD Coordinator,</b> Department Doctoral Research Committee, Department of Physics.	12.05.2016- Till Date	6 years 10 months (continued)	To conduct the DDRC Meetings for Ph.D. admissions, Progress report presentations and research related issues.
<b>Chairman,</b> Board of Control, Department of Physics.	01.12.2021- Till Date & 01.08.2016 - 31.12.2019	5 years (continued)	Department related academic, administrative work planning and execution.
<b>Incharge,</b> MCM Scholarship, GZSCCET, Bathinda.	2012- 2015	3 years	To check and approve the scholarship of eligible students from minority communities..
<b>Expert/ Member</b> for conduct of interviews for Assistant Prof., for promotion under CAS.	2012 onwards	13 years (Continued)	To conduct the Interviews for recruitment of Assistant Prof in Physics in University and other colleges
<b>Chairman</b> Physical Inspection Committees for Affiliated colleges	2016 Onwards	8 years	To verify college details for grant of Affiliation/ new courses/ increase of seats
<b>Chairman</b> Scrutiny Committees for Affiliated colleges	2016 Onwards	8 years	To scrutinize the documents submitted for Affiliation/ new courses/ increase of seats

## ❖ **RESEARCH ACHIEVEMENTS (SUMMARY):**

➤ <b>Research Publications</b>	<b>31</b>
• Journals	29
• Conference Proceedings	02
➤ <b>Books Authored</b>	<b>01</b>
➤ <b>Research Projects</b>	<b>02</b>
• Completed: 01 (2016-2019) (Sanctioned by BRNS-DAE-GoI of Rs. 36 Lacs)	01
• Ongoing: 01 (2020-2024) (Sanctioned by BRNS-DAE-GoI of Rs. 42 Lacs)	01
➤ <b>Research Guidance</b>	
• Ph.D. (Completed)	03
• Ph.D. (Ongoing)	02
• JRF/SRF (Completed)	01
• JRF/SRF (Ongoing)	01
• PG/ M.Sc.(One semester Dissertation)	18
➤ <b>Conferences Attended/ Paper Presented</b>	
• International Conferences (USA, Japan, Canada)	03
• National Conferences Attended/ Paper Presented	20
• Conferences Organized	01
➤ <b>Research Awards</b>	
• MRSPTU Budding Researcher Award -2021	
• MRSPTU Leading Researcher Award- 2021	
➤ <b>Reviewer for Reputed Journals</b>	
➤ <b>Resource Person as Invited Speaker, Session Chair etc.</b>	

## ❖ **OTHER MAJOR ACHIEVEMENTS:**

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- I **ASSESSOR, for NAAC**
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- ii **University got beginners RANK in ATAL ranking 2021** as Director, IQAC.
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- lii **Instrumental** in starting E-office in the university working.
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- Iv **Part of university team** for university preparations for NAAC team visit regarding university accreditation during March 2023.
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- V **Implemented** purchase through GeM portal in the university.
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- Vi **University audit** done from Principal Accountant General (Punjab).
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- Vii **Conducted** Finance Committee (FC) meetings of the university.
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- Viii **Conducted** Tender Finalization Committee (TFC) meetings of the university.
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- Ix **Designed and got developed software** (from university IT department) for Annual Self-appraisal Performa (ASAP) of the faculty as per UGC guidelines.
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- X Got developed **MOBILE APP** to avail online service for students in collaboration With university IT department.
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- Xi **Mentor of Physics at DAV College Bathinda, for activities under DBT (Department of Bio-Technology) Star college scheme from 2020-2022.**
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- Xii **Designed Study Scheme and Curriculum for various programs:**  
1. M. Sc. Physics course for IKGPTU Jalandhar (for 2012 batch onwards).  
2. M. Sc. Physics for MRSPTU Bathinda (for 2016 batch onwards).  
3. Pre-Ph D course work (2016 Batch onwards).  
4. B Tech courses for MRSPTU Bathinda (for 2016 batch, 2018 Batch onwards).  
5. B. Sc (Non-Medical) course (for 2018 Batch, 2019 Batch onwards).  
6. B. Sc (Hons) Physics course (for 2019 Batch onwards).
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- Xiii **Established** Radiation Physics Research Lab under BRNS-DAE Research Project.
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- Xiv **Established** UG (B.Sc, B.Tech.), PG (M. Sc.) labs in the department.
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- Xv **Anchor** during University Convocation-2023 and Student Induction Programs.
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- Xvi **Attended** 29 Faculty Development Programs/ Short Term Courses.

xvii **Organized various events like Short Term Courses (02) as Coordinator, Techno-Cultural Fest (Tarranum) as Chief-Coordinator for three years.**

xviii **Received Appreciation Letter from Hon'able Vice Chancellor MRSPTU, Bathinda,** "For the success of the 5<sup>th</sup> National Seminar to commemorate the 125<sup>th</sup> Birth Anniversary of Bharat Rattan Baba Saheb Dr. Bhim Rao Ambedkar on 7<sup>th</sup> October 2016".

xix **Received Appreciation Letter from Campus Director GZSCCET Bathinda,** "For Sense of Responsibility, Dedication and Leadership Exhibited During Organization of two day and night Annual Techno-Cultural festival in 2012".

xx **Chairman,** Physical Inspection of Committees formed by Punjab State Board of Technical Education (PSBTE) for Pharmacy colleges

xxi **Member, Board of Studies (BOS)** Guru Kashi University, Talwandi sabo.  
**Member, Board of Studies (BOS)** SBS CET Ferozpur

xxii **Member, BoG,** GTB CET, Chhapianwali, Malout  
**Member BoG,** MCR College, Dhuri

xxiii **Assistant Nodal Officer,**  
District Complaint Cell (MCC),  
PC-11 Bathinda, Elections- 2024

❖ **MEMBERSHIP OF PROFESSIONAL BODIES:**

S. No.	Name	Membership
1.	Nuclear Track society of India (NTSI)	Lifetime Member
2.	Radiation Awareness and Detection in Natural Environment (RADNET)	Lifetime Member
3.	International Society for Radiation Physics (ISRP)	Lifetime Member
4.	Indian Association for Physics Teachers (IAPT)	Lifetime Member

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# EXPERIENCE CERTIFICATE FROM EMPLOYER



Maharaja Ranjit Singh Punjab Technical University

Dabwali Road, Bathinda - 151001

(Estb. by Govt. of Punjab vide Act No. 5 (2015) and u/s 1(f) and 12B of UGC Act, 1956)  
ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਡੱਬਵਾਲੀ ਰੋਡ, ਬਠਿੰਡਾ।

No.:Uni./Estb./A.I.S.9.

Dated: .11./05./23

## TO WHOM IT MAY CONCERN

It is certified that Dr. Sandeep Kansal is presently working as Professor in the Deptt of Physics, Maharaja Ranjit Singh Punjab Technical University, Bathinda. During his stay, he worked on various positions as per following detail:

Post Held	Pay Scale	Duration	
		From	To
Lecturer	Rs. 8000-13500/-	26-08-1996	27-12-2002
Lecturer (Sr. Scale)	Rs. 10,000-15,200/-	28-12-2002	24-12-2007
Assistant Professor	Rs. 15600-39100+G.P 8000/-	25-12-2007	24-12-2010
Associate Professor	Rs. 37400-67000+G.P 9000/-	25-12-2010	25-12-2013
Professor	Rs. 37400-67000+G.P 10,000/-	26-12-2013	Till Date

Besides teaching, he has diligently performed various duties assigned to him from time to time, the details of same is as follows:

Post Held	Duration w.e.f.
Dean, Faculty of Science	21.03.2023 to till date
Director, Planning & Development IQAC	02.07.2021 to 27.12.2021; 30-04-2019 to 06-05-2021
Professor Incharge (Finance & Purchase)	24.06.2020 to 23.05.2022
Head, Deptt. of Physics	08.06.2012 to 31.12.2019 and 03.12.2021 to till date

In addition to above, he has been actively associated with other assignments as detailed below:

Chairperson (Ex-officio), Board of Studies (Physics)	01.10.2017 to 30.09.2021 and 21-06-2022 to till date
Member :	
Board of Studies	01-04-2020 to 31-03-2022,
University Research Board	22-05-2019 to 21-05-2021
Faculty of Sciences	01-10-2015 to 30-09-2019 and 21-04-2020 to 20-03-2023
Academic Council	26-06-2015 to 31-12-2019 and 01-01-2021 to till date
Incharge Cultural Activities, GZSCCET, Bathinda	25.07.2011 to 12.08.2014
Nodal officer PMS Scheme	05.08.2015 to 20.05.2019

During this period, his work & conduct is found satisfactory.

  
Registrar

Scanned with OKEN Scanner