

ਮਹਾਰਾਜਾ ਰਣਜੀਤ ਸਿੰਘ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ, ਬਠਿੰਡਾ

**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

*(A State Univ. Estd. by Govt. of Punjab vide Punjab Act No. 5 of 2015 and Approved u/s 2(f) & 12 (B) of UGC; Member AIU)*

Bathinda-151001 (Punjab), India

# REPORT

## RESEARCH AND INNOVATION AWARDS



**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

Bathinda-151001 (Punjab), India

# RESEARCH AND INNOVATION AWARDS



**2021**

**INTERNAL QUALITY ASSURANCE CELL  
MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY  
BATHINDA 151001**

# RESEARCH AND INNOVATION AWARDS

## Prepared by:

- Sh. Raman, Jr. Asstt., R&D, MRSPTU Bathinda
- Sh. Sunil, Clerk-cum-DEO, IQAC, MRSPTU Bathinda.

## Inputs by:

- Dr. Ashish Baldi, Director, IQAC

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*Version 1  
Year 2021*

INTERNAL QUALITY ASSURANCE CELL

# **RESEARCH AND INNOVATION AWARDS**

## INTERNAL QUALITY ASSURANCE CELL

### Research & Innovation Awards Conferred [ 2015-2021]

**“Award of Commendation” for being featured among Top 2% Best Scientists in the World in respective disciplines (2019-20)**

Sr.no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi [Pharmacy and Pharmacology]
2.	Dr. Kawaljit Singh Sandhu [Food Science]

**“Award of Commendation” for being featured among Top 2% Best Scientists in the World in respective disciplines (2020-21)**

Sr.no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi [Pharmacy and Pharmacology Field]
2.	Dr. Kawaljit Singh Sandhu [Food Science]

#### MRSPTU Budding Researcher Award

Sr.no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Prof. (Dr.) Sandeep Kansal, Department of Physics
3.	Gagan Gupta, Department of Physics
4.	Veena Sharma, Department of Physics
5.	Meenu Arora, Department of Chemistry
6.	Dr. Pritpal Singh Bhullar, University Business School
7.	Dr. Amit Kumar Manocha, Punjab Institute of Technology, GTB Garh, Moga
8.	Dr. Kawaljit Singh Sandhu, Department of Food Science and Technology
9.	Dr. Amitoj Singh, Department of Computational Sciences
10.	Dr. Uttam Kumar Mandal, Department of Pharmaceutical Sciences and Technology
11.	Dr. Rahul Deshmukh, Department of Pharmaceutical Sciences and Technology

#### MRSPTU Leading Researcher Award

Sr. no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Prof. (Dr.) Sandeep Kansal, Department of Physics
3.	Dr. Kawaljit Singh Sandhu, Department of Food Science and Technology
4.	Dr. Uttam Kumar Mandal, Department of Pharmaceutical Sciences and Technology

### MRSPTU Distinguished Researcher Award

Sr.no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Dr. Uttam Kumar Mandal, Department of Pharmaceutical Sciences and Technology

### MRSPTU Eminent Researcher Award

Sr.no	Name of Awardee
1	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology

### MRSPTU Best Researcher Award

Sr.no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Dr. Kawaljit Singh Sandhu, Department of Food Science and Technology

### MRSPTU Budding Innovator Award

Sr. no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Dr. Manoj Sharma, Electronic, Communication and Engineering
3.	Sunita Kotwal, Civil Engineering
4.	Dr. Kawaljit Singh Sandhu, Department of Food Science and Technology
5.	Dr. Munish Jindal, Department of Computational Sciences
6.	Dr. Jatinder Kaur, GZS School of Architecture and Planning
7.	Dr. Anju Sharma, PSEAC, Patiala
8.	Dr. Gurpreet Singh, Punjab Institute of Technology, Rajpura
9.	Er. Aashdeep Singh, PIT Rajpura
10.	Dr. Amit Kumar Manocha, Punjab Institute of Technology, GTB Garh, Moga

### MRSPTU Innovator Award

Sr. no	Name of Awardee
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Dr. Amit Kumar Manocha, Punjab Institute of Technology, GTB Garh, Moga
3.	Dr. Munish Jindal, Department of Computational Sciences
4.	Dr. Jatinder Kaur, GZS School of Architecture and Planning
5.	Dr. Gurpreet Singh, Punjab Institute of Technology, Rajpura

### **MRSPTU Distinguished Innovator Award**

<b>Sr.no</b>	<b>Name of Awardee</b>
1.	Prof. (Dr.) Ashish Baldi, Department of Pharmaceutical Sciences and Technology
2.	Dr. Amit Kumar Manocha, Punjab Institute of Technology, GTB Garh, Moga
3.	Dr. Munish Jindal, Department of Computational Sciences
4.	Dr. Jatinder Kaur, GZS School of Architecture and Planning
5.	Dr. Gurpreet Singh, Punjab Institute of Technology, Rajpura

### **MRSPTU Eminent Innovator Award**

<b>Sr.no</b>	<b>Name of Awardee</b>
1.	Dr. Munish Jindal, Department of Computational Sciences

**Award of Commendation  
(2019-20)**



Ref. No. 2499

Dated : 03/12/2020



**MAHARAJA RANJIT SINGH  
PUNJAB TECHNICAL UNIVERSITY**

**Bathinda, Punjab**

*feels proud to confer*

**"AWARD OF COMMENDATION"**

*to*

**Prof. (Dr.) Ashish Baldi**

*Department of Pharmaceutical Sciences and Technology  
for featuring among*

***"Top 2% Best Scientists in the World"  
in the field of "Pharmacy & Pharmacology"  
for the year 2019***

*The University sincerely recognizes his quality research contributions in this field  
and acknowledges his unparalleled dedication, unwavering excellence,  
exemplary commitment and creative thinking.*

Dean (R & D)

Registrar

Ref. No. 2499

Dated : 03/12/2020



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PUNJAB TECHNICAL UNIVERSITY**

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*to*

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*Department of Food Science and Technology  
for featuring among*

**"Top 2% Best Scientists in the World"  
in the field of "Food Science"  
for the year 2019**

*The University sincerely recognizes his quality research contributions in this field  
and acknowledges his unparalleled dedication, unwavering excellence,  
exemplary commitment and creative thinking.*

Dean (R & D)

Registrar

**Award of Commendation  
(2020-21)**



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*Department of Pharmaceutical Sciences and Technology*

*for featuring among*

***"Top 2% Best Scientists in the World" in the field of  
"Pharmacy & Pharmacology" for the year 2020***

*The University accolades your consistent efforts, focused approach, multi-tasking abilities and internationally recognized research outcomes for shaping the research and innovation eco-system.*

***7<sup>th</sup> Foundation Day Celebrations, 11<sup>th</sup> Feb. 2022***

*Registrar*

**Registrar**

*Vice Chancellor*

**Vice Chancellor**



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

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*7<sup>th</sup> Foundation Day Celebrations, 11<sup>th</sup> Feb. 2022*

Registrar

Vice Chancellor

**MRSPTU Budding Researcher Award  
(2015-2021)**



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Prof. (Dr.) Ashish Baldi**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of first Research Grant at MRSPTU from DST- SERB for Project entitled*

*"To explore the neuroprotective mechanism of BCG vaccine against animal models of Parkinson's disease, Huntington disease and Tardive dyskinesia" as Co-PI.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Pharmaceutical Sciences and Technology.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Prof. (Dr.) Sandeep Kansal**

*Department of Physics*

*For being recipient of first Research Grant at MRSPTU from BRNS-DAE for Project entitled "Measurement of radon, thoron and their progeny distribution in the different type of houses and natural radioactivity in soil in Hanumangarh, Churu and Sri Ganganagar District of Rajasthan" as PI. The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Physics.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU





# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Dr. Gagan Gupta**

*Department of Physics*

*For being recipient of first Research Grant at MRSPTU from BRNS for Project entitled "Methodology to estimate aerosol density of particulate matter via simul. meas. of no. and mass conc." as Co-PI. The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Physics.*

Prof. G.P.S Brar  
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Prof. Buto Singh Sidhu  
Vice Chancellor, MRSPTU



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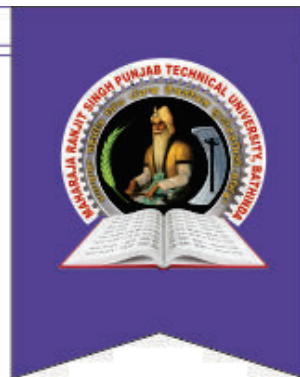
**Dr. Veena Sharma**

*Department of Physics*

*For being recipient of first Research Grant at MRSPTU from BRNS for Project entitled "Methodology to estimate aerosol density of particulate matter via simul. meas. of no. and mass conc." as PI. The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Physics.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Dr. Meenu**

*Department of Chemistry*

*For being recipient of first Research Grant at MRSPTU from DST-TMD for Project entitled "Pharmaceutical and personal care products (PPCPs) in sewage water of district bathinda, its transport in environmental compartment and adsorptive removal using metal organic framework (MOF)" as PI.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Chemistry.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



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Bathinda, Punjab

*feels proud to confer*

**"MRSPTU Budding Researcher Award"**

to

**Dr. Pritpal Singh Bhullar**

*University Business School*

*For being recipient of first Research Grant at MRSPTU from ICSSR-IMPRESS for Project entitled  
"Identification of Screening Barriers for Assessment of Breast Cancer in  
Malwa Region of Punjab" as Co-PD.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in  
the field of management.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



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**Dr. Amit Kumar Manocha**

*Punjab Institute of Technology, GTB Garh, Moga*

*For being recipient of first Research Grant at MRSPTU from DST- SERB for Project entitled  
"Development of interactive device for quality evaluation of selected  
Indian spices using computational techniques" as Co-PI.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in  
the field of Engineering and Technology.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Dr. Kawaljit Singh Sandhu**

*Department of Food Science and Technology.*

*For being recipient of First Research Grant at MRSPTU from DST, New Delhi for Project entitled "Study of bioactive compounds, flour, and starch properties of underutilized pearl millet crop" as Co-P.I  
The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Food Science and Technology.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Dr. Amitoj Singh**

*Department of Computational Sciences*

*For being recipient of first Research Grant at MRSPTU from IEEE SIGHT for Project entitled  
"Language Resources for auditory impaired persons" as PI.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in  
the field of Computational Sciences.*

*Prof. G.P.S Brar  
Registrar, MRSPTU*

*Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU*



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Dr. Uttam Kumar Mandal**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of first Research Grant at MRSPTU from University of Malaysia Pahang (UMP), Malaysia for Project entitled "Formulation characterization and in vivo efficacy of silver-lipid nanoparticles loaded with capsaicin and calcipotriene for the treatment of psoriasis" as Co-PI.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in the field of Pharmaceutical Sciences and Technology.*

Prof. G.P.S Brar  
Registrar, MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU





# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Budding Researcher Award"***

to

**Dr. Rahul Deshmukh**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of first Research Grant at MRSPTU from ICMR for Project entitled  
"Therapeutic Potential of Dual Phosphodiesterase Inhibition in Experimental Alzheimer's Disease: Possible Role of  
Epac Signaling in Cognitive Processing" as PI.*

*The University sincerely appreciates your out-of-box thinking and professional excellence in  
the field of Pharmaceutical Sciences and Technology.*

*Prof. G.P.S Brar  
Registrar, MRSPTU*

*Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU*

**MRSPTU Leading Researcher Award  
(2015-2021)**



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

**"MRSPTU Leading Researcher Award"**

to

**Prof. (Dr.) Ashish Baldi**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of Second Research Grant at MRSPTU from FITM for Project entitled "Agro-Climatic, Economic and Good Agricultural Practices Adoption Feasibility Studies On Selected Medicinal Plants Of Punjab" as Mentor.*

*he University recognizes your dedication and commitment towards quality research in the area of Pharmaceutical Sciences and Technology.*

Prof. G.P.S Brar  
Registrar,  
MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor,  
MRSPTU



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Bathinda, Punjab

*feels proud to confer*

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to

**Prof. (Dr.) Sandeep Kansal**

*Department of Physics*

*For being recipient of Second Research Grant at MRSPTU from DST, New Delhi for Project entitled "Methodology to estimate aerosol density of particulate matter via simul. meas. of no. and mass conc." as Co-PI.*

*The University recognizes your dedication and commitment towards quality research in the area of Physics.*

  
Prof. G.P.S Brar  
Registrar,  
MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor,  
MRSPTU



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

**"MRSPTU Leading Researcher Award"**

to

**Dr. Kawaljit Singh Sandhu**

*Department of Food Science and Technology.*

*For being recipient of Second Research Grant at MRSPTU from DST, New Delhi for Project entitled "Utilization of kinnow for value added product development for sustainable growth of Kinnow growers".*

*The University recognizes your dedication and commitment towards quality research in the area of Food Science and Technology.*

  
Prof. G.P.S Brar  
Registrar,  
MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor,  
MRSPTU



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*

**"MRSPTU Leading Researcher Award"**

to

**Dr. Uttam Kumar Mandal**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of Second Research Grant at MRSPTU from DST-SERB international Collaborative Project entitled "Fabrication of next-generation personalized oral medications for the treatment of pediatric tuberculosis with innovative 3-D Printing Technology" as PI.*

*The University recognizes your dedication and commitment towards quality research in the area of Pharmaceutical Sciences and Technology.*

Prof. G.P.S Brar  
Registrar,  
MRSPTU

Prof. Buta Singh Sidhu  
Vice Chancellor,  
MRSPTU

**MRSPTU Distinguished Researcher Award  
(2015-2021)**



# MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY

Bathinda, Punjab

*feels proud to confer*


## **"MRSPTU DISTINGUISHED RESEARCHER AWARD"**

to

**PROF. (DR.) ASHISH BALDI**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of Third Research Grant at MRSPTU from ICSSR-IMPRESS for Project entitled "Identification of Screening Barriers for Assessment of Breast Cancer in Malwa Region of Punjab" as PD. The University accolades your unparalleled efforts novel ideas deep understanding of research problems and Scientific temper of Pharmaceutical Sciences and Technology.*

  
Prof. G.P.S Brar  
Registrar,  
MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor,  
MRSPTU





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**"MRSPTU DISTINGUISHED RESEARCHER AWARD"**


to

**DR. UTTAM KUMAR MANDAL**

*Department of Pharmaceutical Sciences and Technology.*

*For being recipient of Third Research Grant at MRSPTU from ICMR for Project entitled  
"A novel foam based formulation with silver nitrate, chlorhexidine and asiaticoside  
for effective burn related wound healing" as PI.*

*The University accolades your unparallel efforts novel ideas deep understanding of research  
problems and Scientific temper of Pharmaceutical Sciences and Technology.*

  
Prof. G.P.S Brar  
Registrar,  
MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor,  
MRSPTU

**MRSPTU Eminent Researcher Award  
(2015-2021)**



# **MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

Bathinda, Punjab

*feels proud to confer*

***"MRSPTU Eminent Researcher Award"***

to

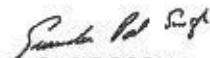
**Prof. (Dr.) Ashish Baldi**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of Fourth Research Grant at MRSPTU  
from DST-SERB for Project entitled*

*"Development of interactive device for quality evaluation of selected Indian  
spices using computational techniques" as PI.*

*The University commends your exemplary accomplishment in the field of  
research and innovation and outstanding contributions towards achieving  
the goal of "Creating Quality Research Environ" in the University.*

  
Prof. G.P.S Brar  
Registrar, MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU

**MRSPTU Best Researcher Award  
(2015-2021)**



**MAHARAJA RANJIT SINGH  
PUNJAB TECHNICAL UNIVERSITY**  
Bathinda, Punjab

*feels privileged to confer*

***"MRSPTU Best Researcher Award"***


*to*


**Prof. (Dr.) Ashish Baldi**

*Department of Pharmaceutical Sciences and Technology*

*For being recipient of >5 Research Grants at MRSPTU  
from leading Govt. agencies.*

*The University sincerely acknowledge your unmatched research aptitude,  
excellent scientific contributions, and exemplary commitment in the field of  
new age innovations and  
for bringing global recognition to  
the University through quality research outcomes.*

  
Prof. G.P.S Brar  
Registrar, MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU



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PUNJAB TECHNICAL UNIVERSITY**  
Bathinda, Punjab

*feels privileged to confer*

***"MRSPTU Best Researcher Award"***


*to*


**Dr. Kawaljit Singh Sandhu**

*Department of Food Science and Technology.*

*For being recipient of Research Grants of over 3.0 crore at MRSPTU  
from leading Govt. agencies.*

*The University sincerely acknowledge your unmatched research aptitude,  
excellent scientific contributions, and exemplary commitment in the field of  
new age innovations and  
for bringing global recognition to  
the University through quality research outcomes.*

  
Prof. G.P.S Brar  
Registrar, MRSPTU

  
Prof. Buta Singh Sidhu  
Vice Chancellor, MRSPTU

**MRSPTU Budding Innovator Award  
(2015-2021)**



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Bathinda, Punjab

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***"MRSPTU Budding Innovator Award"***


to

***Prof. (Dr.) Ashish Baldi***

*Department of Pharmaceutical Sciences and Technology*

for

***his notable innovation leading to filing of IPR application in the field of  
Pharmaceutical Sciences and Technology.***

  
***Prof. G.P.S Brar***  
Registrar,  
MRSPTU

  
***Prof. Buta Singh Sidhu***  
Vice Chancellor,  
MRSPTU





**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

**Bathinda, Punjab**

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***"MRSPTU Budding Innovator Award"***


**to**

***Dr. Manoj Sharma***

***GZSCCET, MRSPTU, Bathinda***

***for***

***her notable innovation leading to filing of IPR application in the field of  
Artificial Intelligence.***

  
***Prof. G.P.S Brar***  
Registrar,  
MASPTU

  
***Prof. Buta Singh Sidhu***  
Vice Chancellor,  
MASPTU



**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

**Bathinda, Punjab**

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***"MRSPTU Budding Innovator Award"***


**to**

***Er. Sunita Kotwal***

*GZSCCET, MRSPTU, Bathinda*

*for*

***her notable innovation leading to filing of IPR application in the field of  
General Engineering.***

  
**Prof. G.P.S Brar**  
Registrar,  
MASPTU

  
**Prof. Buta Singh Sidhu**  
Vice Chancellor,  
MASPTU



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*Department of Food Science and Technology*

for

***his notable innovation leading to filing of IPR application in the field of  
Food Science and Technology.***

  
**Prof. G.P.S Brar**  
Registrar,  
MRSPTU

  
**Prof. Buta Singh Sidhu**  
Vice Chancellor,  
MRSPTU



**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

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to

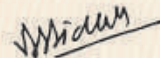
***Dr. Munish Jindal***

*Department of Computational Sciences*

for

***his notable innovation leading to filing of IPR application in the field of  
Computational Sciences.***

  
**Prof. G.P.S Brar**  
Registrar,  
MRSPTU

  
**Prof. Buta Singh Sidhu**  
Vice Chancellor,  
MRSPTU



**MAHARAJA RANJIT SINGH PUNJAB TECHNICAL UNIVERSITY**

**Bathinda, Punjab**

*feels proud to confer*

***"MRSPTU Budding Innovator Award"***


to

***Dr. Jatinder Kaur***

*GZS School of Architecture and Planning*

for

***her notable innovation leading to filing of IPR application in the field of  
Energy Conservation.***

  
**Prof. G.P.S Brar**  
Registrar,  
MRSPTU

  
**Prof. Buta Singh Sidhu**  
Vice Chancellor,  
MRSPTU



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***"MRSPTU Budding Innovator Award"***


to

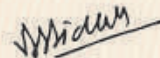
***Dr. Anju Sharma***

*PSEAC, Patiala*

for

***her notable innovation leading to filing of IPR application in the field of  
Computational Science.***

  
*Prof. G.P.S Brar*  
Registrar,  
MRSPTU

  
*Prof. Buta Singh Sidhu*  
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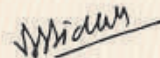
***Dr. Gurpreet Singh***

*Punjab Institute of Technology, Rajpura*

for

***his notable innovation leading to filing of IPR application in the field of  
Engineering and Technology.***

  
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*Punjab Institute of Technology, GTB Garh, Moga*

for

***his notable innovation leading to filing of IPR application in the field of  
Engineering and Technology.***

  
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*Department of Pharmaceutical Sciences and Technology*

*for*

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*for*

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the field of Pharmaceutical Sciences and Technology.*

*The University acknowledges his innovative  
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*Department of Computational Sciences*

*for*

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*The University acknowledges his innovative  
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*GZS School of Architecture and Planning*

*for*

*Being recipient of two Intellectual Property Rights in  
the field of Architecture and Planning.*

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*to*

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*Prof. Buta Singh Sidhu*

*Vice Chancellor,  
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to

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*Department of Computational Sciences*

for

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The University acknowledges his innovative outcomes and intellect.*

  
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**Prof. Buta Singh Sidhu**  
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