



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

ISF COLLEGE OF PHARMACY
(An Autonomous College U/s UGC Act 1956)



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DEPARTMENT

(PHARMACEUTICS, QUALITY ASSURANCE, INDUSTRIAL PHARMACY, REGULATORY AFFAIRS)





ABOUT US

Year of establishment

- Pharmaceuticals: 2006
- Quality Assurance : 2009
- Industrial Pharmacy: 2021
- Regulatory Affairs : 2021





PAST ASSOCIATES



(2008-2009)
Prof. S.P. Vyas

Retd. Professor
Dr. H.S. Gour Vishwavidyalaya,
(Central University), Sagar (MP)



(2009-2013)
Prof. R.S.R. Murthy

Retd. Professor
M.S. University
Baroda (Gujrat)



(2014-2015)
Prof. N.K. Jain

Retd. Professor
Dr. H.S. Gour Vishwavidyalaya,
(Central University), Sagar (MP)



FACULTY: Qualified, experienced and trained faculty



Prof. G.D. Gupta
Director-cum-Principal



Dr. R.K. Narang
Vice-Principal



Dr. Sunil Gupta
Professor



Dr. Ravi Tiwari
Professor



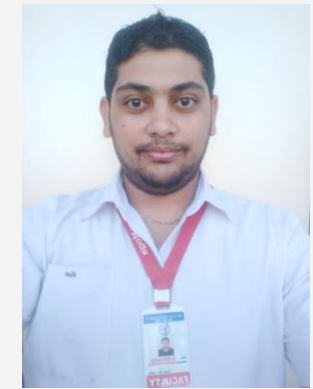
Dr. Charan Singh
Associate Professor



Dr. Vineet K. Rai
Associate Professor



Dr. Dilpreet Singh
Associate Professor



Dr. Pratik Chauhan
Associate Professor



FACULTY: Qualified, experienced and trained faculty



Dr. Prateek Srivastava
Associate Professor



Dr. Bharat Khurana
Associate Professor



Dr. Balak Das Kurmi
Associate Professor



Mr. Tanmay M
Associate Professor



Mr. Gurmeet Singh
Assistant Professor



Ms. Karishma Aggarwal
Assistant Professor



Mr. Amandeep Singh
Assistant Professor



Ms. Ankita Dadwal
Assistant Professor



FACULTY: Qualified, experienced and trained faculty



Mr. Sandeep Rathore
Assistant Professor



Ms. Tania Bajaj
Assistant Professor



Ms. Navjot Kaur Sandhu
Assistant Professor



Ms. Veerpal Kaur
Assistant Professor



Mr. Amit Sharma
Assistant Professor



Ms. Kirandeep Kaur
Assistant Professor



Mr. Suhail Ahmad
Assistant Professor



Mr. Nischay Kumar
Research Scholar



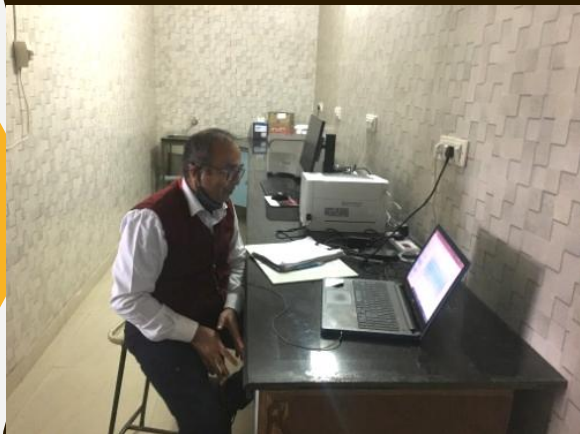
Mr. Baljinder Singh
Research Scholar

Infrastructure

- **PG & Research Lab : 08** (Well equipped with latest sophisticated instruments)
- **UG Lab : 05** (Well equipped with all modern instrumentation facility with all safety majors)
- **Seminar Room : 06** (Cozy and comfortable furniture with ICT facilities)

RESEARCH PROFILE *(Last 3 yrs)*

Particulars	Details
M Pharm Completed (since 2020)	29
M Pharm Registered	28
PhD Completed	11
PhD Registered	5
Funded projects Completed (INR 379 Lacs)	14
Funded projects Ongoing	2
Publications (Since 2019)	60
Patents Filed	1
Patents Published	32
Patents Granted	7
Books/Chapters (Since 2019)	6
Tech Transfer	7



Infrastructure

Laboratory PG: 08

PG laboratories with:

- Latest equipments
- Well ventilated and lightened labs
- Safety arrangements
- Modern furniture and fixtures





Infrastructure

Laboratory UG: 05

PG laboratories with:

- Latest equipments
- Well ventilated and lightened labs
- Safety arrangements
- Modern furniture and fixtures





Infrastructure

Specialized Laboratories

05

Parenterals lab



Sophisticated Instruments



Sophisticated Instruments



**Centrifuge, refrigerated
(Sigma)**

Uses centrifugal force to separate various components of a fluid



**Coating machine
(Cronimach)**

Used to coat external surface of a tablet using a thin film of material



**Dissolution test apparatus
(Labindia)**

Measures the rate of drug release from a dosage form



**Electrospinning unit
(E-spin nanotech)**

Used to make nano and micro fibers



**Extruder-spheronizer
(Cronimach)**

Used to prepare extrudes and convert into spherical pellets



**Flow cytometer
(BD biosciences)**

Used to measure physic-chemical characteristics of cells or particles

Sophisticated Instruments



**Fluid-bed processor
(Cronimach)**

Used for coating, granulation,
drug layering, drying of material



**Lyophilizer
(Christ)**

Used for freeze drying



**Particle size analyzer, Zetasizer
(Beckman Coulter)**

Used for measurement of
particle size, and Zeta Potential



**Probe sonicator
(Sonics)**

Used to disrupt cell membranes
and release cellular contents



**Rheometer
(Brookfield)**

Measure the flow of a liquid or
suspension on applying force



**Rota evaporator
(Heidolph)**

Used for removal of solvents from
samples by evaporation

RESEARCH PROFILE

Conventional formulation

- Development of stable conventional drug delivery systems including modified release formulation
- Solubility and bioavailability enhancement

Particulate delivery systems

- Development of microcapsules and microspheres using different polymers
- Preparation and evaluation of nanoparticulate formulations
- Development of targeted delivery systems

Vesicular delivery systems

- Development of colloidal drug delivery systems including liposomes, niosomes, cubosomes for improved efficacy and safety.

Other novel drug delivery systems

- Designing oral and injectable vaccines formulation
- Novel delivery systems including mucoadhesives, implants and transdermal drug delivery systems

RESEARCH PROFILE (QUALITY ASSURANCE)



- Application of 6-sigma and 7QC tools in Quality improvement
- The application of Quality by Design (QbD)
- Qualification and validation of instruments
- Analytical method development and validation
- Cleaning validation of instruments and related facilities
- Stability indicating assay
- Simultaneous estimation in multidrug formulation.

FUNDED RESEARCH PROJECTS



S.No.	Principal Investigator	Title of project	Funding Agency	Amount (Lacs)	Year	Status
1	SP Vyas, RK Narang	Development and characterization of nano carrier modules for macrophage targeted anti-tubercular multi-drug therapy.	AICTE	10.0	2008	Completed
2	Arti Thakar, S Agarwal	Development of drug delivery systems for nitric oxide releasing paracetamol derivatives.	AICTE	8.5	2009	Completed
3	TR Bhardwaj, RSR Murthy	Synthesis and development of novel polymer-linked topical steroidal therapy.	DST	18	2009	Completed
4	Amit K Goyal	Development of novel nano carriers for pulmonary immunization against tuberculosis (IYBA-2009)	DBT	40.21	2010	Completed
5	Amit K Goyal	Development of novel nano carriers for pulmonary immunization against tuberculosis (Senior innovative young biotechnologist award)	DBT	43.25	2010	Completed
6	TR Bhardwaj, RSR Murthy	Synthesis and evaluation of polymer-linked combined anti-malarial prodrugs to overcome the emergence of drug resistance for radical cure of malaria.	DRDO	28.98	2010	Completed
7	RSR Murthy	Development of Pilot Plant Facility of Manufacturing of Solid Dosage Forms	AICTE	13.4	2012	Completed
8	RSR Murthy	Industry Institute Partnership Cell	AICTE	13.40	2012	Completed
9	Amit K Goyal, Mr Gautam Rath	Development of nano-herbal mosquito repellent patch	DBT	36.5	2012	Completed

FUNDED RESEARCH PROJECTS



S.No.	Principal Investigator	Title of project	Funding Agency	Amount (Lacs)	Year	Status
10	RSR Murthy	Preparation of topical formulation containing herbal compounds and their evaluation for radio-decontamination activities.	DRDO	6.95	2012	Completed
11	Abhinav Mehta, Amit K Goyal	Development of improved therapeutics with combination of immunotherapy and chemotherapy for the treatment of drug resistant tuberculosis.	DBT	42.39	2013	Completed
12	Amit K Goyal	Development of noval nano carriers for pulmonary immunization against tuberculosis (Senior IYBA)	DBT	21	2013	Completed
13	Ashish Baldi	Development of Sebacia vermifera based biofertilizer formulation for improved plant performance and crop productivity	DST	23	2013	Completed
14	RSR Murthy Amit K Goyal	Development of combined Drug/SIRNA delivery systems for MDR TB	ICMR	22.66	2013	Completed
15	Amit Goyal, Goutam Rath	Development of gonadotropin eluting injectable nanofibrous implant for improving livestock production	DBT	93	2016	Completed
16	RK Narang	Comparative study of different drugs loaded nanocarrier topical module for treatment of psoriasis	DST	32.43	2016	Completed
17	Charan Singh	Aerosolized smart nanocomposites for the treatment of drug resistant tuberculosis	DST	37.5	2020	Ongoing
18	Vineet Rai	Squalene integrated NLC of Tamoxifene for the treatment of psoriasis	ICMR	22.0	2020	Ongoing



PATENTS

S. No.	Title	Patent appl no.	Publication	Inventor(s)
1	Pegylated liposomal drug delivery system for doxorubicin hydrochloride.	1892/MUM/2007	02-Apr-08	RSR Murthy
2	Nitric oxide Releasing Derivative of Paracetamol.	WO/2009/024998	26-Feb-09	TR Bhardwaj
3	Novel steroidal esters of 17-oximino-5-Andersten-3ol.	W/O 2009/027994	05-Mar-09	TR Bhardwaj
4	Novel liposomal composition for etoposide.	2252/MUM/2009		RSR Murthy
5	Development of gemcitabine liposomal injection using novel lipids.	747/DEL/2011		RSR Murthy
6	Development and Characterization of Nano- Carrier Modules for Macrophage Targeted Antitubercular Multidrug Therapy.	1866/DEL/2012	18-Jun-12	RK Narang, RD Budhiraja, Amit K Goyal
7	A spermicidal herbal composition for prevention and control of infections and vaginal disorders.	3042/DEL/2012	28-Sep-12	Gourav Chauhan, Amit K Goyal, Goutam Rath
8	Topical nano-fibrous ocular implants.	3056/DEL/2012	28-Sep-12	Shivani, Amit K Goyal, Goutam Rath
9	Saponins based vaccine formulations.	3044/DEL/2012	28-Sep-12	Swati Pabreja, Amit K Goyal, Goutam Rath



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S. No.	Title	Patent appl no.	Publication	Inventor(s)
10	Polysaccharides Based Mucosal Vaccines	3407/DEL/2012	05-Nov-12	Amit K Goyal, Goutam Rath
11	A particle fractionator for spray dryer	1489/DEL/2013	20-May-13	Amit K Goyal, Goutam Rath,
12	A topical formulation development of preparation for hyperpigmentation.	3106/DEL/2013	18-Oct-13	Deepika Tanwar, Devyani Dubey, RK Narang, Amit Goyal
13	Formulation and evaluation of itraconazole loaded niosomal gel.	3107/DEL/2013	18-Oct-13	Sahil Kumar, RK Narang, Amit K Goyal
14	Preparation and characterization of a formulation.	3108/DEL/2013	18-Oct-13	Sandeep Sharma, RK Sharma, Sudha Rana, Arti Thakkar, Tanmay M
15	Photostableniosomal gel of isotretinoin.	100/Del/2014	14-Jan-14	Lovdeep Gautam, Sandeep Sharma, Abhinav Mehta, Ashish Baldi
16	A composition for treating amoebiasis.	831/DEL/2014	13-Jun-14	Bharat Lal, Muzamil Rasheed, Nidhi, Veerpal Kaur
17	Novel terpenoidal based analogue of vasicine of formula I with multiple therapeutic activities.			Nepali Kunal, Goyal Rohit, Dhar KL., Bedi PMS

TECHNOLOGY TRANSFER



S No	Project/Product/Technology	Industry partner
1	Oral insulin patch	Gymochem Pvt Ltd
2	Ocular nano patch	Oniosome Healthcare Pvt Ltd
3	Mosquito repellent patch	SKJ Pharma Pvt Ltd
4	Sustained release formulation of carbamazepine	Consern Pharma Pvt Ltd
5	Integrated spray dryer device	Labultima, Mumbai
6	Gemcitabine liposomal injection	Cosmos Research Lab
7	Herbal Shaving cream	Swisskem Healthcare



BOOKS PUBLISHED

Sno	Authors	Title of book	Year	Publisher
1	Vyas SP	Theory & Practice in Novel Drug Delivery System, 2009, 9788123916897	2009	CBS Publishers and Distributors, New Delhi
2	Murthy RSR	Vesicular & Particulate Drug Delivery System, 9788188739561, 2010	2010	Career Publication, Nashik
3	Kumar HD	Material Science: Nanotechnology and Applications, 2011	2011	I K International Publishing House
4	Kumar HD	Molecular and Synthetic Biology, 2011, ISBN-13: 978-9381141175	2011	Vitasta Publishing Pvt.Ltd
5	Mishra N, Baldi A, Rawal R	Impurity Profiling of a New Drug Entity: Experimental Insights, 2011	2011	Lambert Academic Publishing
6	Vyas SP, Murthy RSR, Narang RK	Nanocolloidal Carriers Site Specific & Controlled Drug Delivery, 2011, 9788123919614	2011	CBS Publishers and Distributors, New Delhi
7	Vyas SP, Kumar HD	Advances in Pharmaceutical biotechnology, 2011, 9788123919607	2011	CBS Publishers and Distributors, New Delhi
8	Goyal Amit, Rath Goutam, Narang RK	Textbook of Dispensing Pharmacy, 9788123922010 , 2013	2013	CBS Publishers and Distributors, New Delhi
9	Murthy RSR, Kar Ashutosh	Pharmaceutical Technology Vol-I, 2013, 9788122434552	2013	New Age International, New Delhi
10	Murthy RSR, Kar Ashutosh, Dwivedi PK	Pharmaceutical Technology Vol-II, 2013, 9788122435351	2013	New Age International, New Delhi
11	Vyas SP, Goyal Amit, Rath Goutam	Pharmaceutical Dosage Forms, 9788185731667, 2013	2013	Vallabh Prakashan, New Delhi
12	Jain NK	PHARMACEUTICAL JURISPRUDENCE, IV Edition, 2014	2014	Vallabh Prakashan, New Delhi
13	Jain NK	Health Education and Community Pharmacy, II Edition, 2015,	2015	CBS Publishers and Distributors, New Delhi
14	Goyal Amit, Rath Goutam	Nano Carrier Systems, 9788123921878, 2017,	2017	BSP, Hyderabad

PhD Research Work



SLNo	Title of Project	Regd	Submi ssion	Candidate	Supervisor
1	Formulation and evaluation of gastro-retentive dosage form of some drugs with special reference to anti-ulcer agents/ antibiotics	2006	2011	Saahil Arora	RD Budhiraja
2	Production of Colchicine and Other Metabolites from Endophytic Fungi of Gloriosa Superba	2007	2012	Abhishek Budhiraja	KL Dhar
3	Combination formulation development for a new antihistaminic bronchodilatory agent	2009	2012	Mukunda S. Bande	RD Budhiraja/ KL Dhar
4	Development and characterization of nanocarrier modules for macrophage targeted antitubercular multidrug therapy	2009	2012	Raj Kumar Narang	RD Budhiraja/ Amit K Goyal
5	Development of single dose subunit vaccines using novel in-situ gelling systems	2010	2016	Basant Malik	AK Goyal
6	Preparation and evaluation of novel targeted drug delivery of metronidazole to the colon	2011	2018	Sukhbir Kaur	RK Narang
7	Development and characterization of novel particulate carrier system for pulmonary delivery of antitubercular drugs	2012	2016	Tarun Garg	AK Goyal
8	Drafting of comprehensive harmonized regulatory guidelines for probiotic products	2012	2016	Mallika Arora	A Baldi
9	Development and characterization of nano carriers using combination therapy of isoniazid and ciprofloxacin hcl for pulmonary tuberculosis	2013	2016	Ankur Bhardwaj	Amit Jain/ AK Goyal
10	Development of metal nanoparticles based hybrid systems for therapeutic applications	2013	2017	Gaurav Chauhan	AK Goyal
11	Development and characterization of novel carriers for wound healing	2014	2018	Gautam Rath	Amit Goyal
12	Design and Development of Novel Drug Delivery Systems of Resveratrol for Treatment of Psoriasis	2017	Ongoin g	Bharat Khurana	RK Narang
13	Development, Characterization and evaluation of probiotic based micro-particulate carriers loaded with mesalmine for the management of ulcerative colitis	2018	Ongoin g	Amandeep Singh	RK Narang
14	Comparative study of different clobetasol propionate loaded nanocarriers topical system for the management of psoriasis.	2018	Ongoin g	Ankita Dadwal	RK Narang
15	Development, Characterization and Evaluation of Brimonidine Tartrate Loaded Lipidic Carrier Systems for the Management of Rosacea	2019	Ongoin g	Veerpal Kaur	GD Gupta
16	Development and characterization of nanaoparticles loaded sprayable hydrogel for wound healing	2019	Ongoin g	Tanmay M	RK Narang

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1	Formulation and evaluation of gastro-retentive dosage form of some drugs with special reference to anti-ulcer agents/ antibiotics	2006	2011	Saahil Arora	RD Budhiraja
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M Pharm Research Work (PHARMACEUTICS)



S. No.	Title of Project	Year	Candidate	Supervisor
1	Development and characterization of triamcinolone acetonide by spray drying formulation for pulmonary delivery	2021	Nandini Jaiswal	GD Gupta/ Dilpreet Singh
2	Development and evaluation of lopinavir encapsulated lipospheres for the treatment of HIV/AIDS	2021	Shatrughana Chaudhary	Charan Singh
3	Formulation and evaluation of Tacrolimus loaded nanostructured lipidic carrier (NLC) based gel for the treatment of Psoriasis	2021	Ivy Saha	Vineet K Rai
4	Development and evaluation of Tea tree oil based nanoemulgel of brimonidine tartrate for management of Psoriasis	2021	Varsha Sodhi	Daisy Arora
5	Development and characterization of triamcinolone acetonide loaded transferosome gel for osteoarthritis	2021	Sakshi Sagar	GD Gupta/ Dilpreet Singh
6	Development and evaluation of efavirenz loaded metal organic framework for the management of HIV/AIDS	2021	Nandita Bhowmik	Charan Singh
7	Development and evaluation of rifampicin loaded metal organic framework for the management of tuberculosis	2021	Sima Kujur	Charan Singh
8	Development and characterization of resveratrol loaded bile salt vesicular gel for the topical treatment of plaque psoriasis	2021	Pradeep Kumar Pal	Bharat Khurana
9	Preparation and Evaluation of Dutasteride Nanoemulgel for Management of Alopecia	2021	Mahboob Alam	Vineet K Rai
10	Fabrication and Characterisation of Curcumin loaded SLNP's based mucoadhesive gel for the management of cervical cancer	2021	Manu Singhai	GD Gupta/ Daisy Arora
11	Development and Evaluation of linalool loaded NLC based gel against atopic dermatitis	2021	Om Prakash	Vineet K Rai
12	Design and Development of Mebendazole loaded phospholipid complex for the treatment of parasitic infection	2021	Sunil Yadav	Charan Singh

M Pharm Research Work (PHARMACEUTICS)



S. No.	Title of Project	Year	Candidate	Supervisor
13	Development and Characterisation of Moxifloxacin loaded hydrogel for wound healing	2021	Shubham Sharma	Tanmay M
14	Development and Characterisation of Resveratrol loaded NLC's for nose to brain drug delivery in the management of glioblastoma Multiforme	2021	Nitish Kumar	Daisy Arora
15	Development and Characterisation of N-Acetylcysteine loaded PLGA-Nanoparticle (Nanocomposite) for the management of tuberculosis in the form of DPI via a pulmonary route	2021	Kabi raj Chaudhary	Charan Singh
16	Development and Characterization of N-Acetyl cysteine loaded PLGA-Nanoparticle (Mucus penetrating N.P.) in the form of DPI for the management of tuberculosis	2021	Vishal Puri	Charan Singh
17	Design Development and Characterisation of Mouth Soluble Film of Herbal drug for Cancer Protective Activity	2021	Atul Chaudhary	GD Gupta/ Vineet K Rai
18	To develop and evaluate Mucoadhesive oral film of Fluconazole for the treatment of oropharyngeal Candidiasis	2021	Khemendra Chaturvedi	Vineet K Rai
19	Fabrication and Characterisation of polymeric nanoparticles of Curcumin for Colorectal Cancer	2021	Aseem Setia	GD Gupta/ Daisy Arora
20	Development and Characterisation of Curcumin loaded NLC based Mucoadhesive buccal gel for the management of oral lichen planus	2021	Krishna Dhungana	Daisy Arora
21	Formulation and Evaluation of Curcumin loaded nanocomposite hydrogel for the management of Psoriasis	2021	Anamika Palak	Vineet K Rai
22	Development of NLC Based Topical Dosage Form for Stable and Safe Delivery of Anthralin and Coal TAR against Psoriasis	2020	Ajmer Singh	Vineet K Rai

M Pharm Research Work (PHARMACEUTICS)



S. No.	Title of Project	Year	Candidate	Supervisor
23	Development And Evaluation of PLGA-TPGS Coated Nanoparticles of Capecitabine for the Treatment of Malignant Brain Tumour	2020	Akhil Kumar	Sankha B. Vineet K Rai
24	Development And Evaluation of Baclofen Extended Release (GRS) Tablets	2020	Amit Sharma	G D Gupta
25	Development And Evaluation of Resveratrol Loaded Modified Oleic Acid Based Vesicles For The Treatment Of UV-B Induced Precancerous Skin Lesions	2020	Arun Singh Lalotra	Daisy Arora
26	Development and Evaluation of Liposomal oral spray formulation of Glutathione	2020	Balram Singh	G D Gupta
27	Development and evaluation of PLGA-PEG coated superparamagnetic iron oxide nanoparticles of Methotrexate for the treatment of breast cancer	2020	Debalina Maity	Sankha B.
28	Development and Characterization of Microneedle array for Transdermal Delivery of Cyclosporine	2020	Jitu Halder	Vineet K Rai
29	Preparation and characterization of cationic self-micro emulsifying drug delivery system of 5-fluorouracil for treatment of colorectal cancer.	2020	Neeraj Singh	Sankha B.
30	Development and Characterization of Nano Emulgel of Tamoxifen Citrate For The Treatment of Psoriasis	2020	Rakhi Kumari	Vineet K Rai
31	Preparation and characterization of Gemcitabine hydrochloride polymeric nanoparticles for treatment of pancreatic cancer.	2020	Ritika	Sankha B.
32	Development and evaluation of liqui-pellets of efavirenz for its enhanced aqueous Solubility and bioavailability	2020	Rohan Kumar Shah	Daisy Arora

M Pharm Research Work (PHARMACEUTICS)



S. No.	Title of Project	Year	Candidate	Supervisor
33	Design development and evaluation of mint loaded fast dissolving oral thin film.	2020	Saket	GD Gupta
34	Development and Characterization of Silver Sulfadiazine loaded Nanosponge based Eumlgel for the Treatment of Burns Injury associated Infection	2020	Shubham Shrestha	Sankha B. Vineet K Rai
35	Development of cisplatin and Melatonin conjugated solid lipid nanoparticles for treatment of Malignant brain tumor.	2020	Shweta Rai	Sankha B.
36	Development And Characterization of Microneedle Array For The Transdermal Delivery Of Methotrexate	2020	Sudanshu Gupta	Vineet K Rai
37	Development and Characterization of Oleosome based Semisolid Formulation of Finasteride for Topical Application against Alopecia.	2020	Sumel Ashique	Vineet K Rai
38	Development and Characterization of in-situ gel of monocaprin for gonorrhoea eye infection	2020	Sumon Giri	Tanmay M.
39	Development, Optimization And Characterization of Khellin-Loaded Ethosomal Hydrogel For The Treatment Of Vitiligo	2020	Supratim Das	Sukhbir Kaur
40	Preparation and characterization of chitosan-based Pickering emulsion of Quercetin for the treatment of squamous cell carcinoma.	2020	Sushil Kumar Singh	Sankha B.
41	Design and development of self-assembled albendazole loaded phospholipid complex for efficient therapy of neurocysticercosis	2020	Vikas Sharma	Charan Singh
42	Development And Characterization Of Mucoadhesive Polymeric Micelles Of Resveratrol For Nose To Brain Delivery For The Treatment Of Parkinson's Disease	2020	Vishesh Singh	Daisy Arora

M Pharm Research Work (QUALITY ASSURANCE)



S. No.	Title of Project	Year	Candidate	Supervisor
1	Simultaneous estimation of Drug 1 and Drug 2 by UV Vis spectroscopy and HPLC in bulk and pharmaceutical dosage form using quality by design approach	2021	Geeta Rajput	Balak Das Kurmi
2	Quality by design approach for the development and optimization of essential oil loaded emulgel	2021	Harshita Mathur	Prateek Chauhan
3	Development and validation of dissolution method for combined dosage form of Drug 1 and Drug 2.	2021	Priyanka Sharma	Prateek Chauhan
4	Preparation optimization and evaluation of Drug XYZ loaded sponge for the treatment of diabetic wound	2021	Saranjit Singh	Balak Das Kurmi
5	Monograph development for hydroponic culture based drug and comparative assessment of its active ingredients with soil based culture.	2021	Sofi Haamid Rasheed	Alok Sharma
6	Formulation and evaluation of herbal anti-acne serum	2021	Suyash Agnihotri	Alok Sharma
7	Quality evaluation, marker profiling and a rapid method for estimation of Drug in selected ayurvedic formulations used in pain management.	2021	Puneet Nirmal	Alok Sharma
8	Development of directly compressible excipients for improvement of compactability of pharmaceutical powders.	2020	Amisha	Gaurav Goyal
9	Pharmaceutical effluent treatment plant design for reduction of antibiotics and resistant microbes in waste water.	2020	Gaurav Mishra	Gaurav Goyal

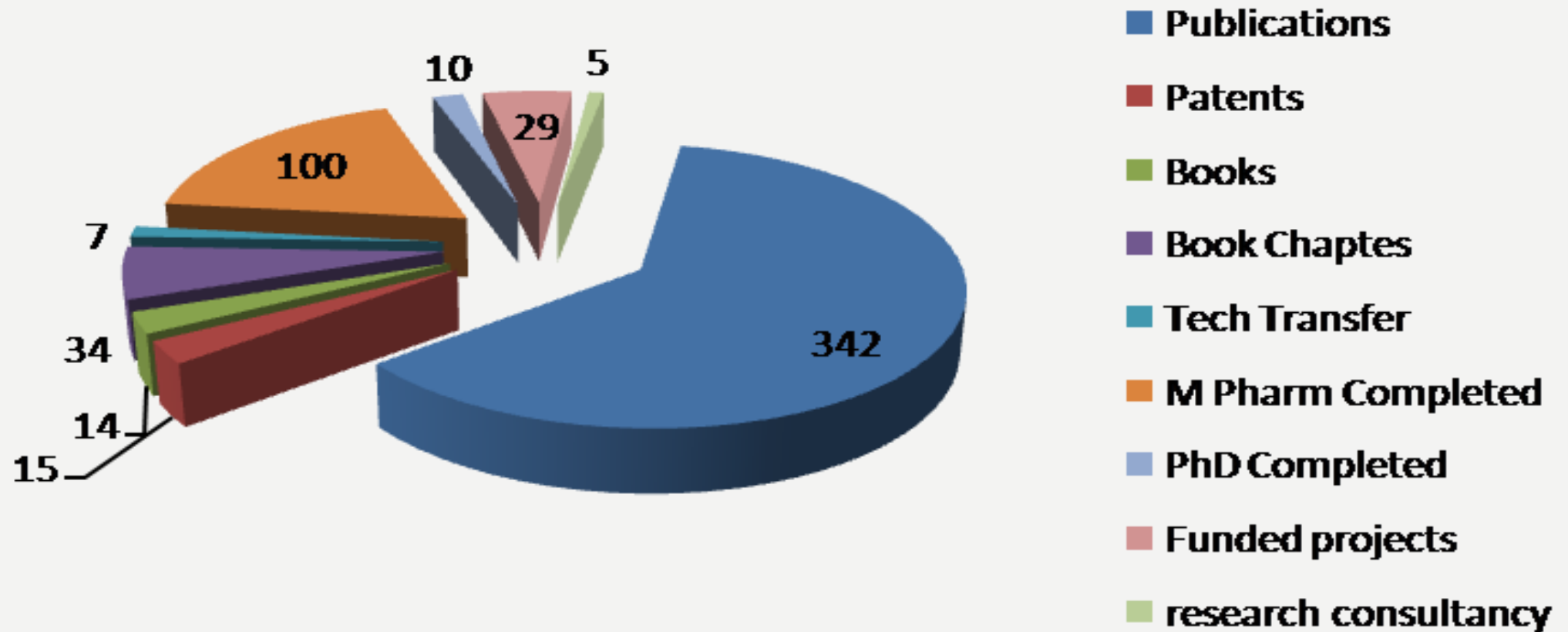
M Pharm Research Work (QUALITY ASSURANCE)



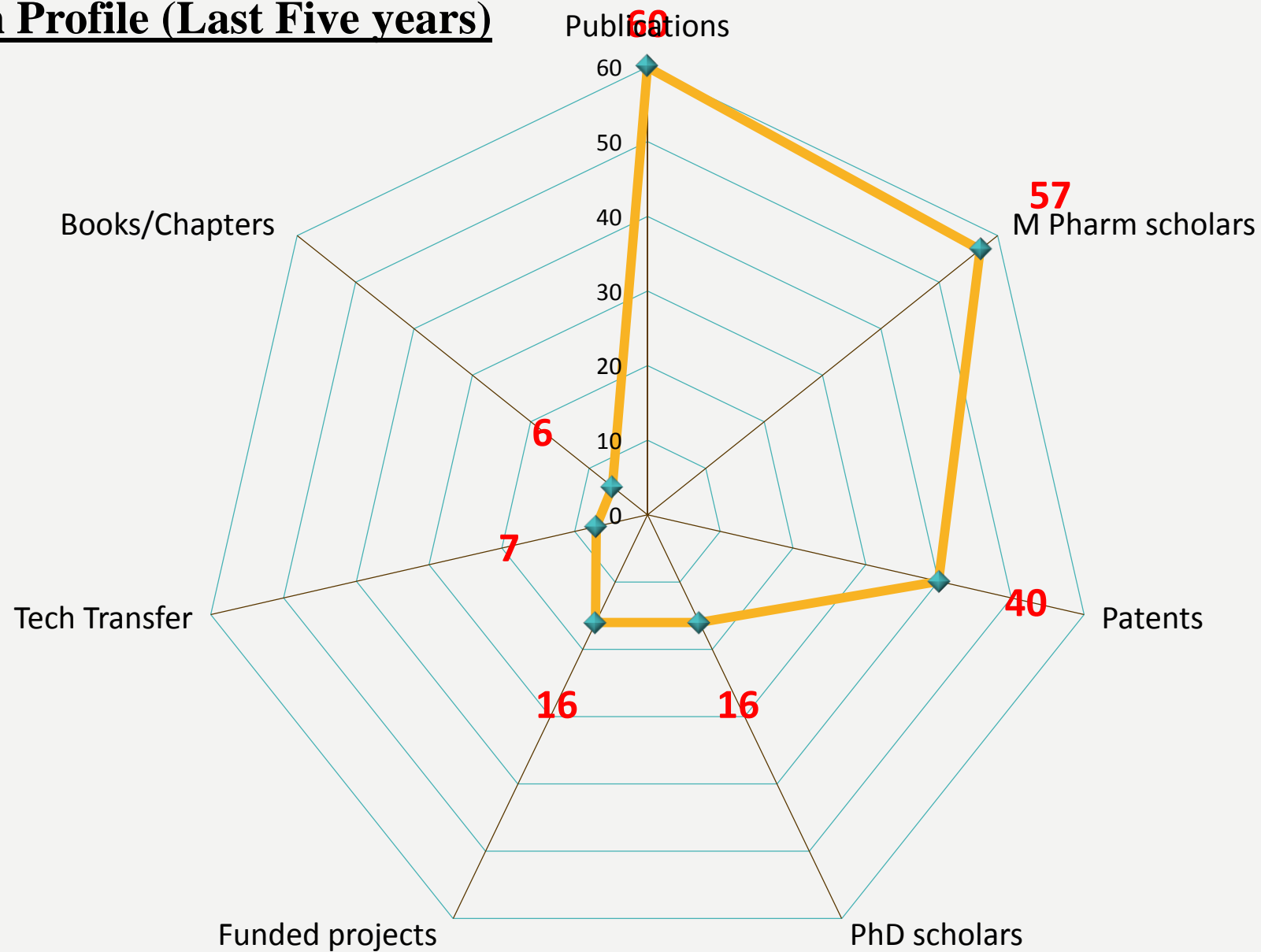
S. No.	Title of Project	Year	Candidate	Supervisor
10	Development of a cleaning agent for removal of enteric coated polymers from pharmaceutical equipments.	2020	Kartika Puri	Gaurav Goyal
11	Design and Quality evaluation of personal care product of plant extract 1 and its comparison with the marketed product	2020	Kaustav Halder	Alok Sharma
12	Studies To Assure Uniform Mixing of Powders by Using Statistical Tools	2020	Kiran	Gaurav Goyal
13	Enhancement of Process Capability using DMAIC Approach in the Manufacturing of Fexofenadine Tablets.	2020	Moh Abubakar	Sukhbir Kaur
14	Development of Stability Indicating HPLC Method for the estimation of drug 1 in Bulk Drug and Finished products	2020	Ninu Kumar	Vineet K Rai
15	Development and Qualitative Evaluation of Triphala Ark and Quantitative Analysis of its Bio Marker	2020	Suhail Ahmad	Alok Sharma
16	Development and Validation of Stability Indicating Rp-HPLC Method for Vanillin in Bulk Drug	2019	Rohit Prasad Singh	Rahul Kumar Maurya
17	Development and Validation of Analytical Method for Estimation of Terizidone	2019	Karan Kumar Mandal	Rahul Kumar Maurya
18	Degradation Pathway of Caffeine in Bulk Drug, Pharmaceutical Dosage form and Soft Drinks	2019	Sagar Prasad Chaudhary	Rahul Kumar Maurya

RESEARCH PROFILE

Pharmaceutics



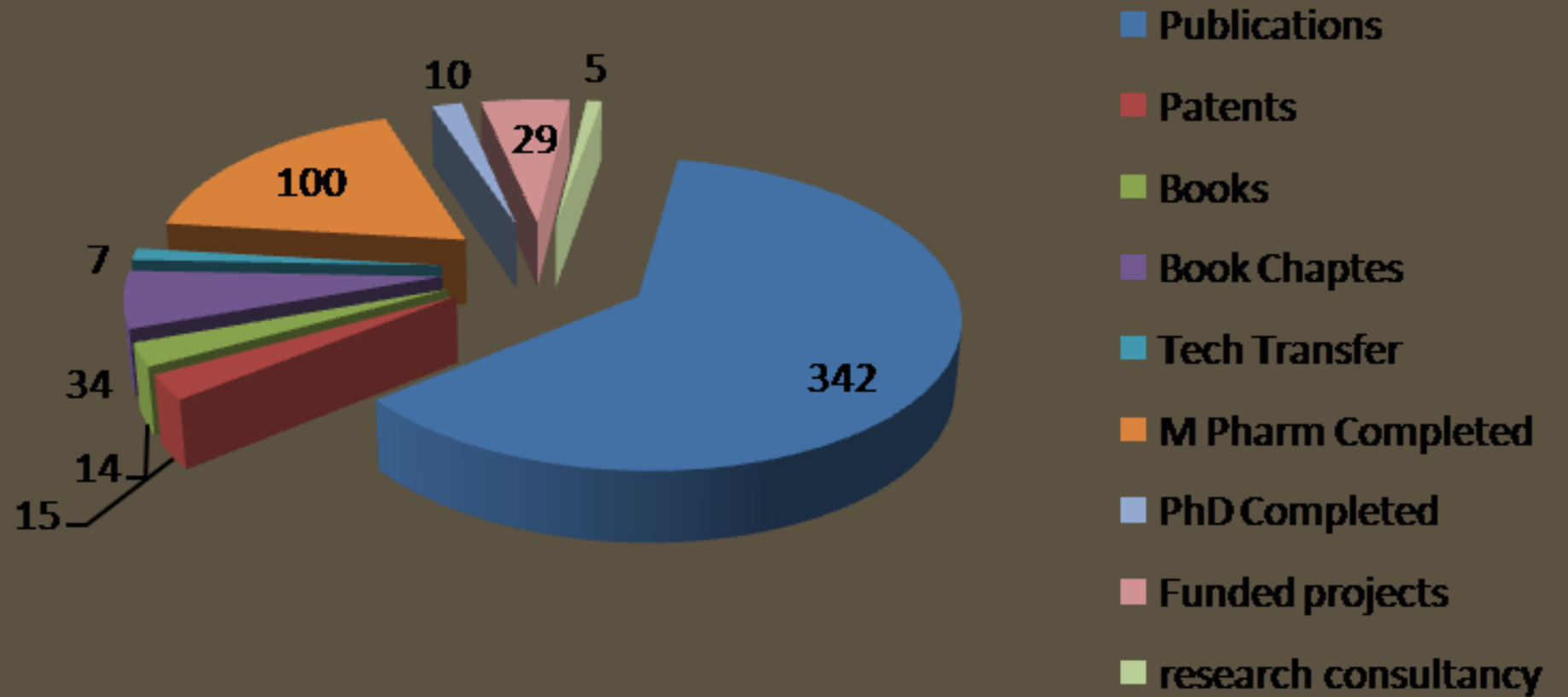
Research Profile (Last Five years)



SUMMARY



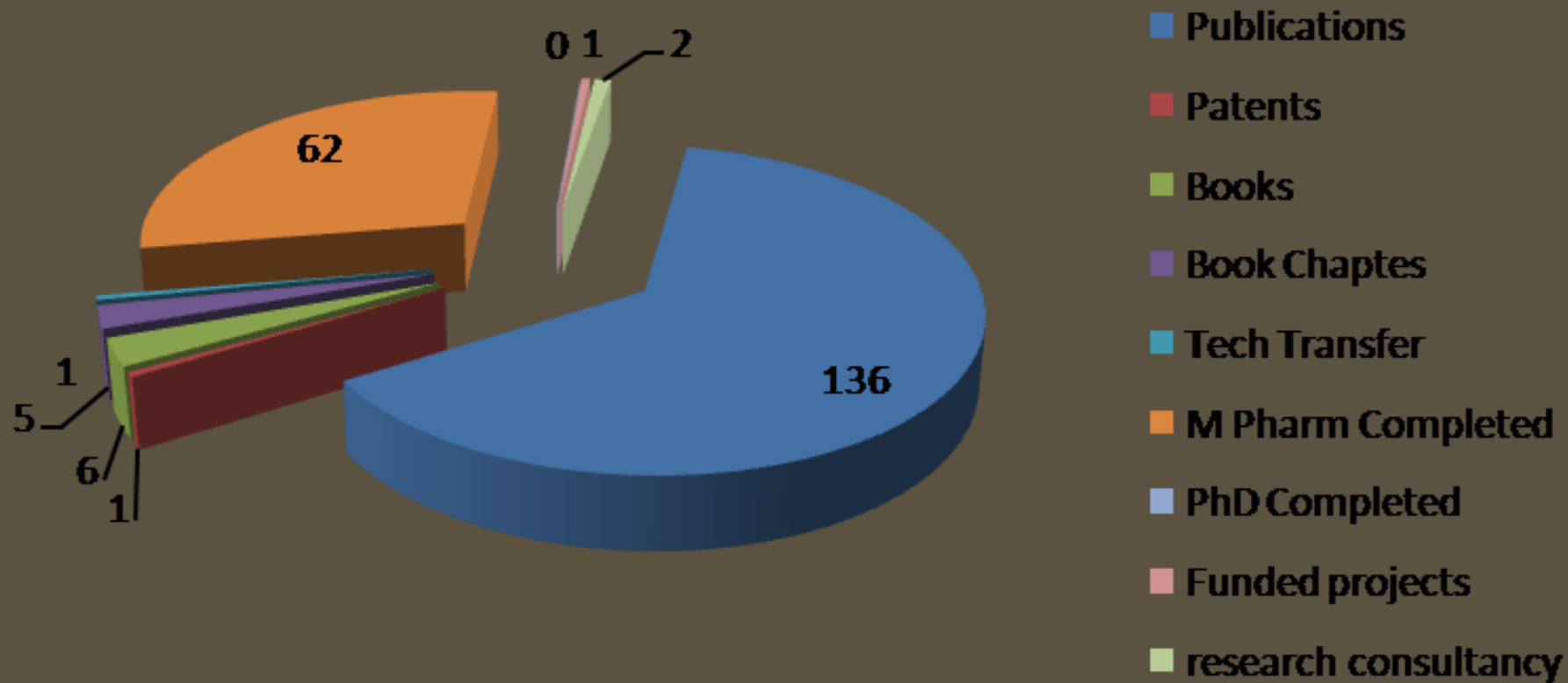
Pharmaceutics



SUMMARY



Quality Assurance





Career Opportunities

- Private and government institutes
- Industrial R&D
- Technology Transfer
- Quality Assurance
- Regulatory affairs
- Start-up (MSME)
- Higher studies



For Admission Contact Admission Cell

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