



राजस्थान सरकार

# राजकीय पॉलिटेक्निक महाविद्यालय, कोटा

## GOVERNMENT POLYTECHNIC COLLEGE, KOTA



### Admission 2020-21



COVID-19



Temperature  
Screening



Gloves/  
Masks



Regular  
Sanitisation



Social  
Distancing



Handwash





सत्यमेव जयते

# E-Brochure



Admission  
2020-21



## GOVERNMENT POLYTECHNIC COLLEGE KOTA

DCM ROAD, KOTA – 324007 (RAJASTHAN)

Phone/Fax: 0744-2365538

Admission Link:

<http://dte.rajasthan.gov.in/Polytechnics/Admissions/Admissions.html>

**Sh. Rajesh Kumar Sharma**  
Principal



## Contact details of Institute

Address : Government Polytechnic College,  
DCM ROAD, KOTA –324007 (RAJASTHAN)

Phone/Fax : 0744-2365538

E-mail : [gpckota@rajasthan.gov.in](mailto:gpckota@rajasthan.gov.in)

Web Site : <http://www.gpck.rajasthan.gov.in/>  
<https://hte.rajasthan.gov.in/college/gpckota>

Admission Link : <http://dte.rajasthan.gov.in/Polytechnics/Admissions/Admissions.html>

Facebook Link : <https://www.facebook.com/gpckota>

YouTube Channel : [GPC Kota](#)



# About Government Polytechnic College, KOTA

GPC  
KOTA

- The institute bred from its embryo in the year 1960
- The Institute is a government organization under the department of technical education, Government of Rajasthan
- Government Polytechnic College (GPC) Kota is a leading institute for boys & Girls (Co-ed) for providing three years engineering diploma courses
- GPC Kota is offering diploma in total 08 engineering disciplines
- Institute having highest number of branches in Rajasthan
- Wi-Fi campus



## About GPC Kota....

- All courses are approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to Board of Technical Education, Rajasthan (BTER), Jodhpur
- 11500+ E-content (E-Lecture, E-Practical) available on You-tube channel as per syllabus of BTER
- Best Polytechnic winner in Northern Region by NITTTR, Chandigarh in 2005-06





# AICTE Approved Engineering Courses

SN.	Course Name	Duration (Years)	Year of Approval	Intake	TFWS	EWS	Lateral Entry (2 <sup>nd</sup> year)
1	Civil	03	1960	20	1	2	4
2	Mechanical	03	1960	40	2	4	8
3	Electrical	03	1960	40	2	4	8
4	Instrumentation	03	1971	20	1	2	4
5	Chemical	03	1974	20	1	2	4
6	Electronics	03	1986	40	2	4	8
7	Plastic	03	1991	20	1	2	4
8	Computer	03	2001	40	2	4	8
		<b>Total</b>		<b>240</b>	<b>12</b>	<b>24</b>	<b>48</b>

Total Intake (1<sup>st</sup> year + 2<sup>nd</sup> year lateral entry) : **324**



# Regular Students (2019-20)

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SN.	Course Name	I Year	II Year	III Year	Total
1	Civil	19	23	26	68
2	Chemical	21	24	24	69
3	Computer	34	39	37	110
4	Electrical	42	52	48	142
5	Electronics	35	37	25	97
6	Instrumentation	18	17	15	50
7	Mechanical	40	53	43	136
8	Plastic	14	08	16	38
Total		223	253	234	710



## Branch-wise Result (2018-19)

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Branch	I Year	II Year	III Year
Civil	89.50 %	63.40 %	85.10 %
Chemical	94.00 %	98.30 %	98.00 %
Computer	51.25 %	60.50 %	76.50 %
Electrical	79.75 %	71.80 %	88.70 %
Electronics	54.00 %	42.80 %	61.90 %
Instrumentation	62.50 %	48.60 %	67.00 %
Mechanical	85.50 %	63.70 %	89.90 %
Plastic	42.50 %	68.90 %	88.70 %



# Staff Position

SN.	Course Name	HOD/ ADT	Sr. Lect.	Lect./ ATPO	Technician/ DEO	Programmer/ Librarian/PTI
1	Civil	1	1	7	2	-
2	Chemical	0	0	5	2	-
3	Computer	1	1	6	1	1
4	Electrical	1	2	3	2	-
5	Electronics	1	1	5	3	-
6	Instrumentation	1	0	4	2	-
7	Mechanical	0	2	7	4	-
8	Plastic	1	0	3	2	-
9	Sc. & Humanities	0	1	2	1	2
10	IIIC	1	0	1	-	-



# CIVIL ENGINEERING

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Civil Engineering is that field of engineering concerned with Planning, Design and Construction for Environmental Control, Development of Natural Resources, Buildings, Transportation facilities and other structures required for Health, Welfare, Safety, Employment and Pleasure of mankind.

## Laboratories:

- Material Testing Lab
- Public Health Engineering Lab
- Survey Lab
- Soil Engineering Lab
- Concrete Lab
- Highway Engineering Lab
- Mechanics Lab
- Model Lab





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The department of chemical engineering strives for excellence in all aspects of teaching to produce Diploma chemical engineers of quality required in industries and serves the society at national and international standards.

- To educate the young minds by providing academic proficiency to pursue their successful career in industries
- Nurture students to be dynamic, versatile in their profession and also in the humanism

## SALIENT FEATURES:

- ✓ Very High Placements
- ✓ Best Results
- ✓ Industry Based Learning

## LABORATORIES INCLUDES EQUIPMENTS OF:

- Heat Transfer
- Mass Transfer
- Mechanical Operations
- Hydraulics
- Process Testing Lab







# Computer Sc. & Engineering

Diploma in Computer Engineering course is all about the core concepts of computer science that includes the subjects such as networking, operation system, database, software engineering, PC Repairing and Maintenance, web application development etc. These are the basics for implementation and deployment levels where the computer engineering field requires candidates to be more productive and deployable.

## Laboratories:

- Basic Computer Lab
- C Programming Lab
- Programming Lab
- Advanced Programming Lab







# Electrical Engineering

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A** Students of Electrical Engineering branch are imparted technical knowledge and practical skills in the fields of electricity, electronics and electromagnetism. After completing the course they can design electric circuits and work in Railways, large power plants, heavy mechanical and process industries and can be an asset for any computer or automobile industry.

## Laboratories:

- Electrical Machine Lab
- Electrical workshop
- Electrical Measurement Lab
- Electrical Technology Lab
- Electrical Wiring & Jointing Lab
- Audio & Visual Lab





# Electronics Engineering

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Electronics is core branch established in 1986. today world is seeing automation because of Electronics Engineering. It covers vast fields, like: Mobile Communication, Bio-Medical, Industrial automation, Robotics, Embedded Systems, VLSI, Electronic Measurements, IT and Computer Hardware etc.

## Laboratories:

- Basic Electronics Lab
- Digital and microprocessor Lab
- Communication and Power Electronics Lab
- Electronics Workshop







# Instrumentation Engineering

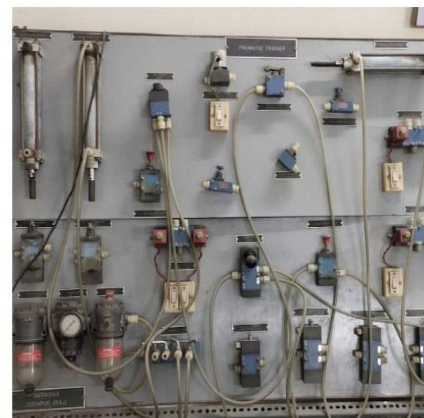
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Instrumentation Engineering department was established in 1971 at GPC Kota.

Our department journey is about to be soon completing 50 years and many students pass out from this department are serving not only in India but also in abroad in many industries namely DCM, CFCL, DRDO, HAL ,ACC ,NPCIL, Maruti Suzuki, Mahindra and Mahindra, Tata, IOCL, HPCL BPCL ONGC NHPC NTPC, Indian air force, Indian army etc.

## Laboratories:

- Process Control Lab.
- Measurement Lab.
- PLC ( along with various industry modules )





# Mechanical Engineering

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Mechanical Engineering is one of the oldest and broadest Branches of the engineering. Mechanical engineer is involved with –Design, Analysis, Testing, Manufacturing, Control, Operation and Maintenance of mechanical system. In our day-to-day life we use many things which are mechanically engineered. It deals with the conversion of Thermal Energy into useful work, it plays a critical role in Manufacturing Technologies from Bicycles to Fighter Planes. So mechanical engineering is the art of using problem solving technique and applying them to the design and manufacturing of an object.

## Laboratories:

### ➤ Mechanical Workshop

- Fitting and Plumbing Shop
- Welding and Sheet Metal Shop
- Carpentry Shop
- Machine Shop

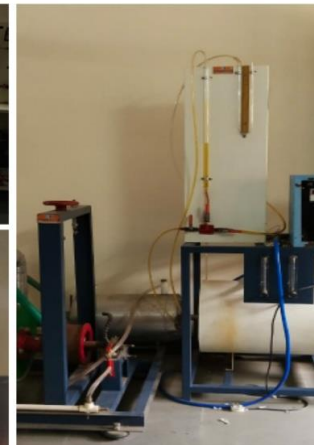
### ➤ Heat Engine Lab

### ➤ Refrigeration and Air Conditioning Lab

### ➤ Automobile Lab

### ➤ Fluid Mechanics Lab

### ➤ Auto-CADD Lab







# Plastic Technology

Plastic technology is a branch of engineering which provides study of manufacturing, processing, compounding, testing and applications of various plastics. It also includes the study of rubbers, fibers, foams, adhesives and composites. It is the only branch in this discipline in Rajasthan which established in the year 1991.

## Laboratories:

- Plastic Processing Lab-I
- Plastic Processing Lab-II
- Plastic Analysis and Testing Lab





# Science & Humanities

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Science & Humanities are foundational courses for engineering. Therefore, these subjects are compulsory for the students of all the disciplines. The basic subjects in Science and Humanities are Physics, Mathematics, Chemistry & English. This department is existing since the inception of College.

## Laboratories:

- Physics Lab
- Chemistry Lab
- Language Lab







# Library

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Library is a central facility to support the teaching & learning needs of the Institute.

The Library is well classified and stocked with around 25000 volumes, 20 journals /magazines and all prominent newspapers are subscribed to supplement the knowledge of staff and students.

Library membership is open to the Faculty, Students and non-teaching staff of the institute. Library cards are issued to all for transaction in the library. Faculty member can borrow 15 books for academic year, students 2 cards for I<sup>st</sup> year and II<sup>nd</sup> Year students for two weeks and 3 cards for III<sup>rd</sup> year student for two weeks. If issued books are not in demand by other students, they may be renewed for further period.

Library is equipped with Computer & Laser printer. Plans are drawn for computerization of library facilities





# Industry-Institute Interaction Cell (IIIC)

## Campus Placement Report (2019-20 till date)

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Branch	No. of Students Placed	Name of Company	Average Salary (Rs. Lacs)
CE	6	JK Laxmi Cement, Sany Ind.	<b>2.22</b> <b>(1.5 - 4.0)</b>
CH	19	Ultra Tech, HMEL Bhatinda, DCM Kota, CFCL Kota, Nayara Energy Pune	
CS	6	ISL Wireless Kota	
EE	20	HMEL Bhatinda, DCM Kota, Ultra Tech., Gainwell Common sales Pvt. Ltd	
EL	6	Daikin Neemrana, Krishna Maruti Gujrat	
IE	4	Anand Dairy Udhyog, Ultra Tech, Daikin Ind.	
ME	22	JSW, Ultra Tech Cement, Flow Motor Corp, Krishna Maruti Gujrat	
PL	6	ATC Tyre Ltd	





# Industry-Institute Interaction Cell (IIIC)

## Renowned Companies visited for Campus Placement

Name of Companies	
▪ L&T Construction, Baroda	▪ TATA Chemical Ltd, UP
▪ GRASIM Cement Ltd, Nagda	▪ CFCL, Kota
▪ GSK Health Care, Sonipat	▪ MANGALAM Cement Ltd, Morak
▪ JCB, Jaipur	▪ DSCL, Kota
▪ RIVA System, Chandigarh	▪ J K Laxmi Cement, Sirohi
▪ SIGMA Electric Mfg, Jaipur	▪ POSCO Steel Ltd., Orissa
▪ CUMMINS India Ltd, Pune	▪ SUZLON Energy India Ltd., Jaiselmer
▪ SONA BLW, Gurgaon	▪ SUBROS India Ltd, Noida
▪ SUBROS India Ltd, Gurgaon	▪ AHRESTY India Pvt Ltd, Haryana
▪ AKSH Optifibre Ltd, Reegus	▪ HPCL-Mittal Energy Limited, Bhatinda
▪ J.K Cement, Nimbahera	▪ Bharat Oman Refinery Ltd., Bina
▪ APOLLO Tyres, Baroda	▪ ERA Construction Group, Noida
▪ THERMEX India Ltd., Pune	▪ L&T ECC Division, Baroda
▪ ERICSSION India Ltd., Jaipur	▪ STEP, Abu Dhabi (UAE)
▪ Nayara Energy, Gujrat	▪ ATC Tires, Dahej



# Industry-Institute Interaction Cell (IIIC)

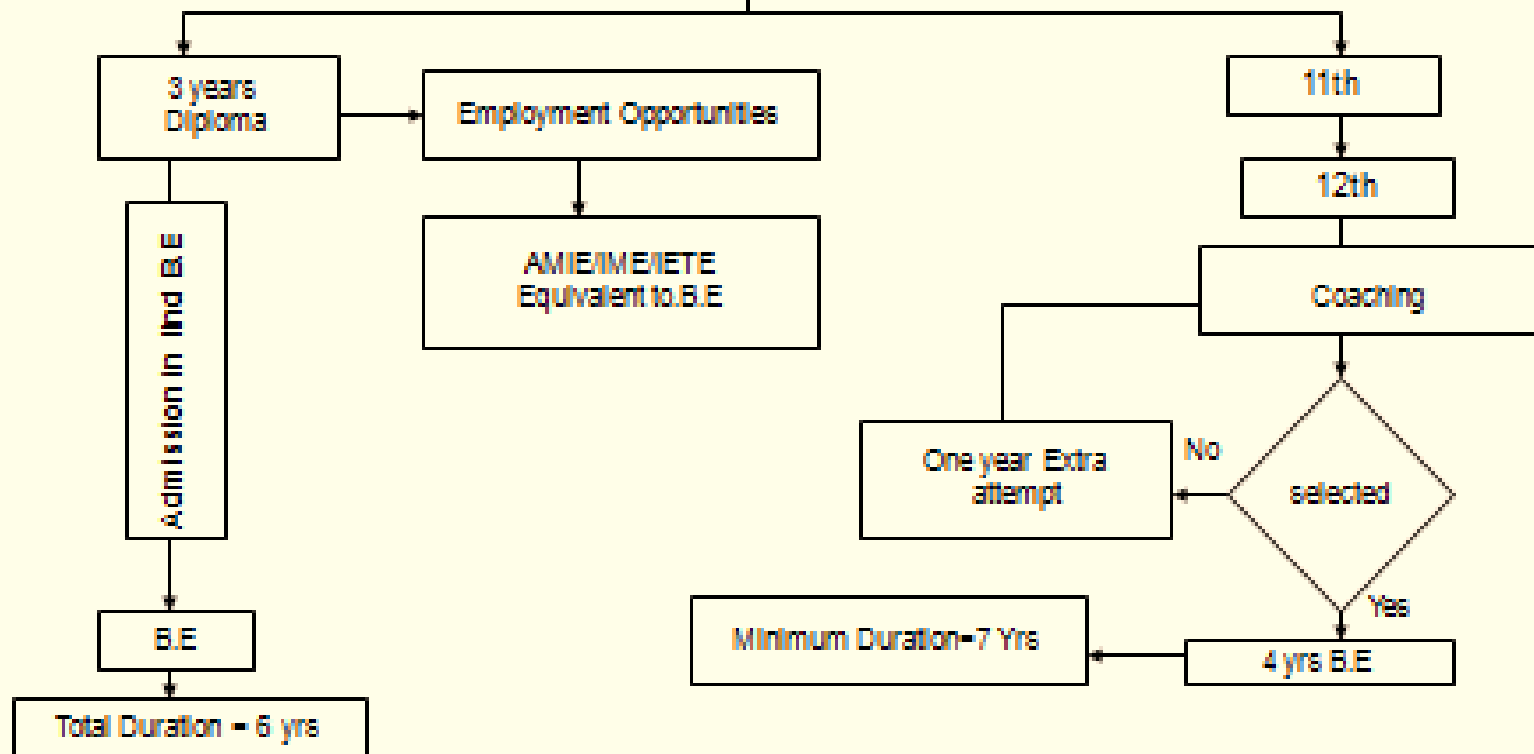
## Previous years' placements

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Branch	2014-15	2015-16	2016-17	2017-18	2018-19
CE	06	04	04	10	0
CH	17	18	18	37	39
CS	04	04	05	5	15
EE	24	24	20	85	125
EL	06	04	05	17	55
IE	04	04	05	19	1
ME	28	36	35	87	156
PL	09	04	08	4	12
TOTAL	98	98	100	264	403

# Why to Join Engineering Diploma (Polytechnic)

10<sup>th</sup> pass student





# Admission Process (online applications)

(Approximately : July-August of Every Year)

- Nominal Fees : Rs. 12500 /- (Approx. per year)
- DURATION : Three Year Engineering Diploma Course
- ELIGIBILITY :

## **Centralized Admission for 1<sup>st</sup> Year (First Year):**

- ✓ 10<sup>th</sup> Pass Boys & Girls can apply and No Age Limit
- ✓ 12<sup>th</sup> in Arts, Commerce, Bio any subject ( base count 10<sup>th</sup> class)

For details visit:

[http://dte.rajasthan.gov.in/Polytechnics/Admissions/poly\\_engg\\_adm.html](http://dte.rajasthan.gov.in/Polytechnics/Admissions/poly_engg_adm.html)

## **Lateral Entry Admission in direct 2<sup>nd</sup> Year (Second Year) :**

Following can apply in Direct 2<sup>nd</sup> Year

- ✓ Diploma Engineering
- ✓ 12<sup>th</sup> Science Vocational/Technical
- ✓ 10+(2 year ITI) with appropriate specialization
- ✓ 10+2 (PCM) from recognized board

For details visit:

[http://dte.rajasthan.gov.in/Polytechnics/Admissions/poly\\_Lateral\\_adm.html](http://dte.rajasthan.gov.in/Polytechnics/Admissions/poly_Lateral_adm.html)

- RESERVATION AND SCHOLARSHIP : As per state Govt. norms

### **Note :**

- Direct Admission in 1<sup>st</sup> year on College basis in the case of Vacant seats after Centralized admission
- Direct Admission in 2<sup>nd</sup> year on College basis in the case of Vacant seats of Lateral Entry centralized admission





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# **EXTRA & CO- CURRICULUM ACTIVITIES**



# Industrial Visits

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**TSS Digod**



**J K Sixer Cement Plant**



**132 KV GSS**



**Solar panel RTU**



**Rahul  
Transformers**



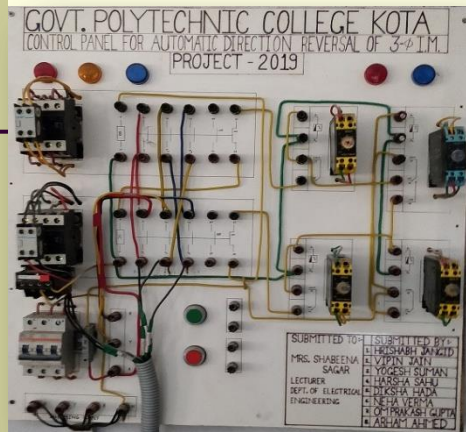
**Under construction  
Over Bridge**





# Innovative Projects

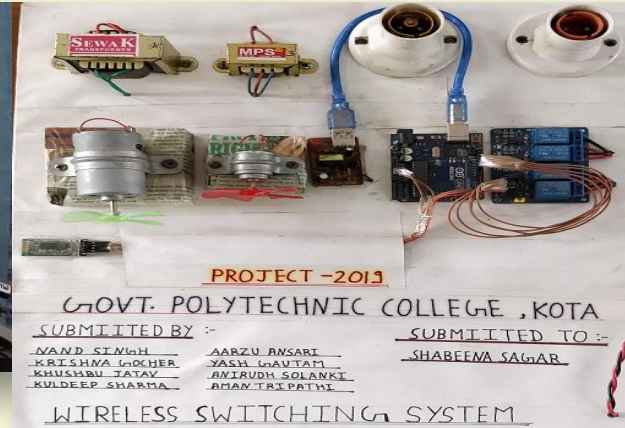
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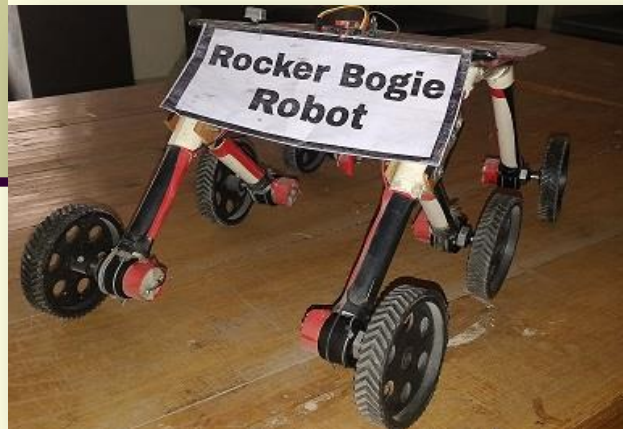
Automatic reversal  
of 3-phase IM



Paddle Power Hacksaw



Wireless Switching  
System



Rocker Bogie Robot



Single effect  
Evaporator



Working model of  
GSS





# Seminars, Workshops, Campus Interview n' Expert Lectures

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# Blood Donation, Plantation

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KOTA



POCO  
SHOT ON POCO F1



POCO  
SHOT ON POCO F1





# Sports Week

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# National Day Celebrations







# Glimpses of activities in campus (2019-20)

- Blood donation camp on 2<sup>nd</sup> October (collected more than 60 units contributed by Principal, faculties and students).
- Family of first batch alumni Late Col. S P Bawa sponsored a first time organised test named **COBALT** (Colonel Bawa Apptitude and Language Test). Cash prizes were conferred to top three boys and girls. The family has assured to sponsor this test every year.
- Celebrated **Republic day 2020**, distinguished **Alumni and Ex-Principals were also invited** in the function of **Republic day 2020**.
- **Toppers of different classes were honored** by conferring medals and certificates to them



## Cont...

- Instituted different **clubs and innovation cell** to trigger hidden talents of students and faculty members.
- Applied for AICTE programme entitled “**Skill and Personality Development for SC/ST Students**”.
- Winners of different sports and other extra curricular activities like seminars, painting competition, GK Quiz, essay writing and debate were also felicitated by giving trophies and certificates.
- **Alumni are invited regularly to interact** with, and motivate students. *Distinguished alumni invited recently are : Sh. Kailesh Mewara – IOC, Sh. Jaswant Malav – oil refinery, Sh. Pawan Singh –JEN in PHED, Smt. Bharti Dadhich – JEN in WRDA, Pooja Kushwah –WRDA, Sh.Piyush Saini – WRDA), Pardeep Kumar – JK Sixer Cement).*





# Contact Persons

(For Admission Enquiry in office hours 10 AM to 5 PM)

Name	Designation	Contact No.
Sh. R. K. Sharma	Principal	0744-2365538
Dr Ashok Agarwal	In-Charge - Admission Cell	9414410906
Dr Shobhana Sharma	Asstt. In-Charge-Admission Cell	8112296226
Smt. Anjana Mathur	In-Charge- Student Section	9829029546
Sh. S. K. Bhal	Asstt. In-Charge – Student Section	9214630651
Dr S. C. Gupta	ATPO	9413503565
<b>Sh. Ramesh Jatav</b>	<b>Admission counselor</b>	<b>7014161497, 9460172811</b>

# Thanks

**Rajesh Kumar Sharma**

**HOD & Principal  
Government Polytechnic College  
KOTA - 324007**