

कांक्षन्तः कर्मणां सिद्धिम् यजन्त अिह देवताः । क्षिप्रं हि मानुषे लोके सिद्धिर्भवति कर्मजा ॥

Vision

- ✦ To help build India as a world leader in Technical Education
- ✦ To establish and develop world class Institutions for overall growth in an era of globalisation
- ✦ To facilitate easy access to technical education to all sections of society
- ✦ To develop and provide a professionally qualified technical workforce for augmenting the nation's human resources

Mission

- ✦ To impart academic excellence in Technical Education.
- ✦ To inculcate high Moral, Ethical and Professional standards among our students and to improve overall personality.
- ✦ To evolve the Institution to the status of a Deemed University.
- ✦ To strive incessantly to achieve the goals of the Institution.
- ✦ Our assets - Our Students.
- ✦ Our means - Our College Staff.

Values

- ✦ Integrity
- ✦ Excellence
- ✦ Fairness
- ✦ Innovativeness

Quality Policy

- ✦ To make the college a centre of excellence in technical and professional education.
- ✦ To carry-out research, consultancy and training for meeting the needs of society at large.
- ✦ To plan, act and check with high degree of social sensitivity through defined procedure.



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Ragging is punishable offence under Law

As per the orders of Hon'ble Supreme Court, AICTE, PCI, State Government and U.P. Technical University ragging is illegal and is completely prohibited and banned both inside and outside the college campus. Any student caught or informed by victim student or his parents/guardians, an F.I.R. will be lodged against the student involved in ragging.

As per Hon'ble Supreme Court of India's Order

"If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him/her from the institution."



Chairman's Message

Your decision to structure your career in Engg. / Pharmacy / Computer Application / Management at SRMS Institutions is highly commendable and I, on behalf of SRMS Trust family extend a very warm welcome to you all. We have already spelt down our Vision, Mission and Values and sincere efforts are made to utilize the infrastructure facilities and intellectual capital to achieve these goals and values. Students at SRMS Institutions are always motivated to participate and indulge in technical, cultural and sports activities along with academic pursuits just to make them stay abreast with global image of a complete human being.

We are conscious of the very changing needs of the society and therefore we impart education and train the students beyond the prescribed syllabus to make them more than Engineers/Managers/Technocrats. It is matter of pride to convey that our students have won laurels at national and international levels in paper presentation and in getting final placements too.

I wish to congratulate you for selecting and seeking a place as a student in these Trust Institutions. We have provided adequate infrastructural facilities for your learning and training so that you are not only properly trained but also well-prepared to shoulder the responsibilities as a good citizen of the country.

But accept personal responsibility for your own growth; no one can do it for you. What you do today will determine your tomorrow, Recollect what Swami Vivekanand has opined "You have to grow from the inside out; No one can teach you, no one can make you spiritual. There is no other teacher but your own soul".

'Work and live as a family unit' is the philosophy of SRMS Institutions and I hope that your stay with us will be very comfortable, fruitful and memorable.

— Dev Murti

Shri Ram Murti Smarak Trust

Bareilly • Lucknow

SRMS Trust, a public Charitable Trust, established by Shri Dev Murti, Founder and Chairman in the year 1990, is a living tribute to the memory of his loving father, veteran freedom fighter, true Gandhian, Ex-Parliamentarian, Ex-Minister U.P. Govt., Late Shri Ram Murti Ji.

The primary objective of the Trust is to provide and promote education and research in the field of Engineering & Technology, Medicine, Humanities, Science and Management. The aim of SRMS Trust is the upliftment of the masses by :

- ◆ Promoting Social Values through Social Services.
- ◆ Promoting Technical and Professional education.
- ◆ Promoting Health & Medical Education.
- ◆ Offering a number of charitable programmes and charitable services

SRMS Trust is having five campuses in Bareilly & Lucknow where it runs following Institution :-

1. SRMS College of Engineering & Technology, Bareilly
2. SRMS Women's College of Engineering & Technology, Bareilly
3. SRMS College of Engineering & Technology Lucknow - Kanpur Road
4. SRMS Institute of Medical Sciences, Bareilly
5. SRMS School of Nursing, Bareilly
6. SRMS International Business School Lucknow-Kanpur Road
7. SRMS R. R. Cancer & Research Centre Bareilly
8. SRMS Institute of Paramedical Sciences Bareilly
9. SRMS Fungtional Imaging Centre, Lucknow
10. SRMS School, Unnao (A Charitable School)

SRMS Trust in last 25 years is continuously striving for promotion & excellence of technical professional education & healthcare. Today it is recognized as one of the premier centre of education & helthcare in the region.

The Trust has been promoting academic competitiveness and excellence, by awarding scholarships (Present amount : ₹ 2 Crore) among its meritorious students.

The Charitable Services of Hospital:

- ◆ Free Super Specialty and Specialty OPD on all Weekdays for patients
- ◆ 100% free beds for economically weak patients for whom full treatment is borne by the Trust.
- ◆ Free ambulance service to promote institutional deliveries & for trauma management.
- ◆ Free child Immunization programme in association with the government
- ◆ Free Mother and Child Camps.
- ◆ Free Medicine
- ◆ Free Intraocular Cataract Lenses surgeries with support of U.P. Government.
- ◆ Tele-linked free ambulance service for the Trauma victims on all Highways.

Vocational Training -

The Trust through its nexus with Engineering and Medical College offers Samudayik Yojna under skill development scheme to empower the socially and economically backward people of the adjoining areas. Young persons having education upto High School or 10+2 are selected for training in certain crafts like Carpentry, Welding, Turning, Wiring, EPBAX-Operation, X-ray Technicians, ECG Technicians and Computer Literacy.

SRMS Samudaik Sewa Yojana, SRMS Janhit Chikitsa Yojana, SRMS Samudayik Swasthya Yojana, Free Pharmacy, Cataract Eradication Programme, Rural Health Camp, Government Health Programme, Community Health Education, Scholarship, Debate & Story Writing, Campus Outreach Program & Ram Murti Pratibha Alankaran are some of the programmes run by the trust.

The SRMS Trust firmly believes that the only way to change the society & uplift their social & economic base is through education.

Short Term Objectives

- To admit students on the basis of merit.
- To introduce the inter-disciplinary curriculum.
- To increase the knowledge base of the students.
- To produce world class engineers, technocrats and managers.
- To improve quality through proper training to faculty and staff.
- To initiate entrepreneurship development program for students.
- To develop the overall personality and competence of the students.
- To start Vocational Training programmes for the under privileged people of society.

Long Term Objectives

- To enhance R&D activities.
- To start Ph.D. Programmes.
- To increase Industry-Institution Interaction.
- Fully residential campus for faculty and students.
- To expand M.Tech. Programmes in more disciplines.
- To expand M.Pharm. Programmes in more disciplines.
- To acquire academic autonomy/status of Deemed University.
- To motivate women to come to the main stream in the technical field of the nation.
- Upgrading Information Technology infrastructure of the college from time to time.
- Up-gradation of Laboratories and interaction with international research centres.
- To undertake activities for employment generation for less privileged, tribal and SC/ST section of population.
- Modernization of Library by introducing internet ready reference tables for e-access, e-source sharing with reputed libraries through internet.

Shri Ram Murti Smarak

College of Engineering & Technology (Bareilly Campus)

UPTU
College Code
014

Established : December 1996
Address : Ram Murti Puram, 13.2 Km. Bareilly-Nainital Road, Bareilly
Approval : A.I.C.T.E. (Ministry of HRD, Govt. of India)
Pharmacy Council of India
Affiliation : U.P. Technical University, Lucknow

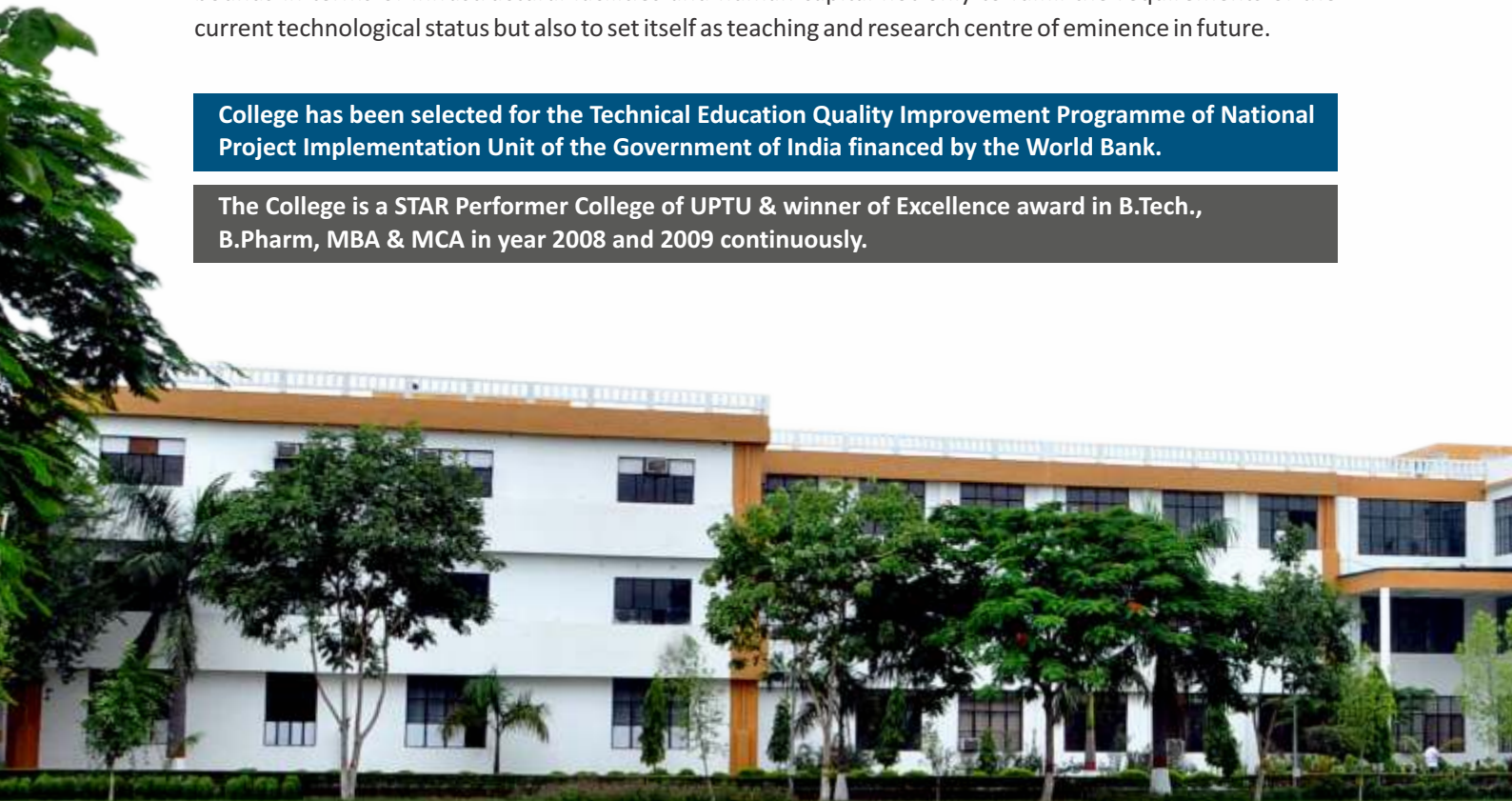
Shri Ram Murti Smarak College of Engineering & Technology (SRMSCET) has an independent residential campus spread over 35 acres of land with all weather roads, lush green lawns, playgrounds, Multi-Purpose Hall, Gymnasium, Squash Court and 53020 sq.m. of built up area on the campus. The campus is aesthetically planned and designed with exquisite facilities.

The college offers courses of undergraduate and postgraduate levels, with a professional or vocational orientation to internationally recognized standards of excellence. All courses lay emphasis on practicals and are multi-disciplinary in approach. The college inculcates values, ethics in its students, so that the pride of SRMSCET will become an asset of our Nation.

The College has demonstrated the perennial evidence for merit and quality. It is developing by leaps and bounds in terms of infrastructural facilities and human capital not only to fulfill the requirements of the current technological status but also to set itself as teaching and research centre of eminence in future.

College has been selected for the Technical Education Quality Improvement Programme of National Project Implementation Unit of the Government of India financed by the World Bank.

The College is a STAR Performer College of UPTU & winner of Excellence award in B.Tech., B.Pharm, MBA & MCA in year 2008 and 2009 continuously.



Courses Offered :

U.G. Courses

	Annual Intake
1. B.Tech. (Program duration : Four years)	
● Computer Science & Engineering (CS)	120
● Electronics & Communication Engineering (EC)	120
● Electrical & Electronics Engineering (EN)	120
● Information Technology (IT)	60
● Mechanical Engineering (ME)	60
2. B.Tech. - 2nd Year (Program duration : Three years) (All above branches)	20% of Intake
3. B.Pharm. (Program duration : Four years)	60
4. B.Pharm. - 2nd Year (Program duration : Three years)	10% of Intake

P.G. Courses

1. MBA (Program duration : Two years)	60
2. MCA (Program duration : Three years)	60
3. MCA (2nd Year - Lateral Entry) (Program duration : Two years)	20% of Intake
4. M.Tech.	
● Software Engineering	15
● CAD/CAM	15
● Microwave Engineering	18
● Electrical Drives & Control	18
5. M.Pharm	
● Pharmaceuticals	18



Shri Ram Murti Smarak College of Engineering & Technology (Lucknow Campus)

SRMS Trust has established Shri Ram Murti Smarak College of Engineering & Technology, (SRMSCET, Lucknow Campus) with a huge state of the art campus, equipped with world class facilities at 35 Km. mile stone on Lucknow-Kanpur Highway, Village-Kushahari, Tehsil-Hassanganj, Unnao (UP). The college has an independent residential campus with lush green lawns, all weather roads, playgrounds, hostels, multi-purpose hall, gymnasium, table tennis & lawn tennis court library etc.

SRMSCET, Lucknow has been established to facilitate and expends its quality in Technical Education in a disciplined environment for which SRMS is known for last two decades. The campus is equipped from the very first day with all the infrastructure facilities available in all the institutions established and run by the SRMS Trust.

SRMSCET, Lucknow is offering B.Tech. programme in the various branches.

UPTU
College Code
745

Established : 2011
Address : 35Km. Lucknow-Kanpur Highway, NH-25
Approval : A.I.C.T.E. (Ministry of HRD, Govt. of India)
Affiliation : U.P. Technical University, Lucknow

Courses offered:

1. B.Tech.

Annual Intake

(Program duration : Four years)

- Computer Science & Engineering (CS) 60
- Electronics & Communication Engineering (EC) 60
- Electrical & Electronics Engineering (EN) 60
- Electronics Engineering (EL) 60
- Mechanical Engineering (ME) 60

2. B.Tech. - 2nd Year

20% of Intake

(Program duration : Three years)

(All above branches)



Shri Ram Murti Smarak Woemn's College of Engineering & Technology (Bareilly Campus)

UPTU
College Code
450

Established : 2008
Address : Ram Murti Puram, 13.2 Km. Bareilly-Nainital Road, Bareilly
Approval : A.I.C.T.E. (Ministry of HRD, Govt. of India)
Affiliation : U.P. Technical University, Lucknow

Liberalization of the Indian Economy, its gradual integration with the World Economy and rapid transformation into a knowledge based society are increasing the demand for a well-trained workforce which is not only literate and has mastered specific skills, but is also able to acquire new skills and knowledge independently. In the early 1990s, India faced shortage of well trained technicians in new and emerging technologies. Most Engineering Colleges offered outdated courses in traditional areas. The drop-out rate was 10-15 percent and the employment rate less than 40 percent. Women were being left out as most of the Engineering Colleges were for "boys only. Moreover, a number of colleges in private sector came into being with coeducational facilities during last ten years.

But again we had experienced that in spite of 20% exclusive quota for girls candidates in admission to B.Tech. course, a large number of women candidates were deprived of the technical education. The SRMSWCET has been established by the SRMS Trust in the vicinity of SRMSCET exclusively for Girl students in an independent residential campus spread over 7.5088 acre of land. It is situated at Bareilly-Nainital Highway at 13 Km. stone in Ram Murti Puram and is about 15 km from Bareilly Railway Station, and 3 km from Bhojipura Junction of indian railways. SRMSWCET, a citadel of sublime knowledge and noble ideals stands unique on the educational firmament of the region. The College under the aegis of SRMS Trust, found itself cradled under the chairmanship of Shri Dev Murti . The College rests in a harmonious and congenial ambience and amalgamates the best of Indian exuberant cultural traditions. Modern scientific learning making it to be the harbinger of educational excellence having an Indian paradigm of living with an international outlook. The College endeavours for an integrated, impressive & all-round development of the students so as to enable them to be a useful functional technocrat of tomorrow.

Courses offered :

1. B.Tech.

Annual Intake

- Computer Science & Engineering (CS) 120
- Electronics & Communication Engineering (EC) 120
- Electrical Engineering (EE) 60

2. B.Tech. - 2nd Year

20% of Intake

(Program duration : Three years)

(All above branches)





Bachelor of Technology



Goal of the Programme

The B.Tech. Programme has been designed taking into view the needs of various industries. The programme is regularly updated to cope with the ever-changing technology and demands of the industry.

Our goal is to provide the requisite platform to budding engineers and technocrats to sharpen their reasoning, analytical and communication skills along with requisite technical knowledge so that they can meet with confidence the future challenges of growing technology. Emphasis is laid on enhancing computer and soft skills of students of all branches.



Admission Criterion

Admission Procedure

B.Tech - 1st Year

Admissions are as per the following :

85% seats of total intake of all branches are allotted according to the merit list of UPSEE / AIEEE as per State Government directives through online counseling.

15% seats of total intake & Vacant/Lapsed seats in all branches are allocated on the basis of merit of 10+2 marks in PCM and aptitude test carried out by the college.

B.Tech -2nd Year

Candidates who have passed Diploma (with minimum 60% marks) recognised by UP Board of Technical Education in any branch of Engineering/Technology except Agriculture Engg. or B.Sc. (PCM) with 60% marks are eligible for admission to second year. In this case applicant must have appeared in UPSEE.

Fee Structure

Fee structure is available on college website. Fee is to be paid by Demand Draft drawn in favour of "SRMSCET" payable at Bareilly for Bareilly Campus, "SRMSCET" payable at Lucknow for Lucknow campus & "SRMSWCET" payable at Bareilly for Women's Engineering College, Bareilly.



DURATION

4 Years Full Time

INTEGRITY OF THE SYSTEM

All admissions are done maintaining transparency at every level.

The admission against management quota is done through advertisement and the list of applicants and their merit is displayed on college notice board.

ELIGIBILITY

1st Year Admission :

Pass in the final examination of 10+2 or equivalent (with 60% marks in P.C.M.) from a recognised board. The student must also have a minimum of 40% marks in above subjects.

2nd Year Admission :

60% in Diploma/B.Sc. (PCM).



Change of Branch

The branch of study once allocated by the UPSEE shall not be changed; however, such changes may be allowed against vacant seats at the beginning of IInd year, on the basis of merit in the B.Tech. 1st year examination result (without any back and grace marks).

Change of branch may be allowed against the vacant seats in the following two stages:

- A.
- i. In first year branch change should be completed within 10 days of the last date of admission to the B.Tech., 1st Semester, strictly on the basis of combined general merit of entrance examination on vacant seat (s).
 - ii. After change of branch, number of students in branch (s) shall neither increase over the intake approved by A.I.C.T.E. nor decrease below 75% of intake approved by A.I.C.T.E.
- B. In the second year (Third semester) Branch Change should be completed according to the following criteria:
- i. Branch change at the college level shall be carried out by the Director / Principal of the college.
 - ii. Facility of Branch Change at the Second Year (Third Semester) level shall be available only to meritorious students and shall not be considered as a matter of right.
 - iii. Branch Change is permitted at the beginning of Third Semester (Second Year) only.
 - iv. For the purpose of branch change, the "prescribed intake" shall be the intake prescribed by AICTE for the previous academic session including 10% intake for fee waiver seats, if applicable, when the students were admitted at first semester level. Subsequent variations in intake shall have no bearing on the students eligible for branch change.
 - v. Maximum number of students permitted to change of branch shall be 25% of the students enrolled in the first year in the respective branch (s), subject to the strength of the class not decreasing below 75% of enrolled students and also not below 50% of intake approved by AICTE. After branch change the intake must not be more than approved AICTE intake including the fee waiver seats.
 - vi. Branch change can be made only against clear vacancy in a particular branch, Vacancy (V) being defined as: $V = I - (\text{Reg} + \text{Rep} + \text{Lat})$
where I = The prescribed intake for the branch including 10% intake for fee waiver seats.
Reg = No. of regular students who have been promoted & registered in third semester (including NRI & Management Quota seats)
Rep = No. of students from previous batches, registered in third semester as a regular students.
Lat = No. of students admitted & registered in third semester directly through lateral entry against vacant seats at first year level.
Branch Change shall not be permitted to any course where $(\text{Reg} + \text{Rep} + \text{Lat}) > \text{or} = I$ under no circumstances, there shall be any exception to the above stipulations.
 - vii. Branch Change shall be strictly according to the Merit list prepared by the college on the basis of total marks obtained by a student in First Year University Examination. Only those students who have passed in all the subjects (without any carry over paper or grace in any subject of any semester) shall be considered.
 - viii. B.Tech. Biotechnology, B.Tech. Agriculture or Lateral Entry students shall not be eligible for branch change.
 - ix. Students admitted on any seat which is over and above the AICTE sanctioned intake (such as Lateral entry, Kashmiri migrant) shall not be eligible for branch change.
 - x. Change of Branch should be completed within 10 days of the announcement of First & Second Semester (First Year) result.
 - xi. Excess intake in any branch shall disentitle the college to effectuate any branch change in that discipline until the punitive measure, such as reduction in intake etc. as imposed by UPTU is effective.
 - xii. College / students shall not be entitled to any relief, if the guidelines mentioned above for permitting branch change are not strictly adhered to.

The curriculum prescribed by Uttar Pradesh Technical University, Lucknow will be followed by the college which is available on the website of the University.

Specialized Laboratories

Computer Science

Computer Programming Project ('C' Language)
Data Base Management
Software Engineering
Web Technology
Computer Graphics
Operating System
Computer Network
Computer Architecture
Distributed System
Data Mining & Data Warehousing
Object Oriented System
Information & Network Security System
Digital Image Processing
Software Engineering
Advance Computer Architecture
Data Structures
Numerical Technologies
Algorithms

Electronics & Communication

Electronic Devices
Workshop & Printed Circuit Board
Electronic Circuits
Digital Electronics
Analog Communication
Microprocessor
Digital Communication
Digital Signal Processing
Robotics
Microwave Engineering
Telemetry
Digital Integrated circuit
Integrated circuit
Project
Instrumentation & Measurement

Electrical & Electronics

Electrical Engineering
Electrical Machines
Electrical Measurement
Networks
Power Electronics
Control System
Power Systems
Electrical Instrumentation
Project & Simulation

Electrical Engineering

Electrical Engineering
Electrical Machines
Electrical Measurement
Power Electronics
Electrical Instrumentation

Basic Sciences

Chemistry

Titrimetry
Colorimetry
pH-metry
Polymer Chemistry
Organic Analysis and Synthesis

Physics

Sonometer
Newton Ring
Poiseuille's
Nodal Slide
Half Shade Polarimeter
Plane Transmission Grating
Cary Foster's Bridge
Variation of Magnetic Field
Stefan's Law
Energy Band Gap

Professional Communication

English Language Lab

Mechanical

Fluid Mechanics
Dynamics of Machines
Computer Aided Drafting
Applied Thermodynamics
Material Science
Heat & Mass Transfer
Mechanical Measurements
Fluid Machinery
Refrigeration & Air-conditioning
Computer Aided Manufacturing
Computer Aided Design
Automobile Engineering
Machine Design
Engineering Mechanics
Workshop
Drawing Hall

Information Technology

E-Commerce
Information System
Web Technology
Software Project Management
Cryptography & Network Security
Artificial Intelligence
IT In-frastructure Management
C Programming
Project
Software Engineering
Operating System
Data Structures Lab
OOPS Lab
Algorithm Lab
Computer Graphics Lab
DBMS
Computer Network
Distributed System

Appreciation & Recognition of Merit

The Trust recognizes all the meritorious students every year on the basis of their annual result of the University. For this the Trust has earmarked **₹ TWO CRORES** to be distributed to the meritorious students of the Trust Institutions every year.

THE COLLEGE HAS LAID DOWN THE FOLLOWING CRITERIA FOR THE SCHOLARSHIP :

1. Students securing 86% or more marks in UPTU Examination	Rs. Equivalent to the % of marks secured (Minimum Rs. 86,000/-)	3. Students securing 80% or more but below 85% in UPTU Examination	Rs. 30,000/-
2. Students securing 85% or more marks but below 86% in UPTU Examination	Rs. 35,000/-	4. Students securing 75% or more but below 80% in UPTU Examination	Rs. 20,000/-

Merit must be recognized and duly honoured. This creates a healthy competition among the students, acts as a fountain head of encouragement and becomes a shining example for others to follow. SRMS Trust has been fortunate in receiving excellent support from the Trustees and well-wishers, who have come forward and instituted various medals and other awards to encourage our students.

MEDALS AND AWARDS

- Shri Ram Murti Gold Medal for the highest scoring final year out-going B.Tech. student of the college.
- Shri Ram Murti Silver Medal for the second highest scoring final year out-going B.Tech. student of the college.
- Shri Ram Murti Bronze Medal for the third highest scoring final year out-going B.Tech. student of the college.
- Prem Prakash Gupta Charitable Foundation Gold Medal for the best B.Tech. all-rounder of the final year batch of the college.
- Er. Subhash Mehra Gold Medal for the highest scorer of B.Tech., Computer Science & Engineering, of the out-going batch.
- Dr. Usha Mehra Gold Medal for highest scorer of B.Tech., Electronics & Communication, of the out-going batch.
- Er. P.N. Gupta Gold Medal for the highest scorer of B.Tech., Electrical and Electronics, of the out-going batch.
- Dr. Asha Gupta Gold Medal for the highest scorer of B.Tech., Information Technology, of the out-going batch.
- Shri Laxmi Bhushan Varshney Gold Medal for the highest scorer of B.Tech., Mechanical Engineering, of the out-going batch.
- A special prize for the outstanding under graduate student every year in overall sports activities.

CASH PRIZES

- A cash prize of Rs. 51,000/- is awarded to the student securing first position in the passing out batch of B.Tech. subject to the condition that the student has secured more than 80% Marks.
- A cash prize of Rs. 41,000/- is awarded to the student securing second position in the passing out batch of B.Tech. subject to the condition that the student has secured more than 80% Marks.
- A cash prize of Rs. 31,000/- is awarded to the student securing third position in the passing out batch of B.Tech. subject to the condition that the student has secured more than 80% Marks.
- A cash prize of Rs. 21,000/- is awarded to the student securing first position in the respective branch in the out going batch of B.Tech. subject to the condition that the student has secured more than 75% Marks.

Shri Ram Murti Smarak College of Engineering & Technology (Bareilly Campus)

BRANCH- CS (2011 Batch)

SL. No.	NAME	%	Amount
1	Archana Yadav	80.3	30000
2	Ratika Gupta	80.0	30000
3	Aayush Upadhyay	79.7	20000
4	Shubham Sachdeva	79.3	20000
5	Aditi Agarwal	79.2	20000
6	Manisha Sethi	78.7	20000
7	Dharmendra Bahadur Singh	78.5	20000
8	Priya Dubey	76.9	20000
9	Mudit Rathore	76.2	20000
10	Ankita Agarwal	76.1	20000
11	Ruchi Sharma	76.0	20000
12	Toshika Jain	75.9	20000
13	Mansi Kapoor	75.8	20000
14	Jyoti Gakkhar	75.6	20000
15	Kritika Joshi	75.6	20000
16	Jayati Khanduja	75.6	20000

BRANCH- CS (2012 Batch)

SL. No.	NAME	%	Amount
1	Himanshu Khettry	79.7	20000
2	Sakshi Srivastava	78.4	20000
3	Deepika Saxena	77.2	20000
4	Hina Muqtida	76.8	20000
5	Darshika Goel	76.7	20000
6	Krati Dwivedi	76.1	20000
7	Govind Yagyasaini	75.3	20000
8	Hardik Verma	75.1	20000
9	Kamini Shakya	75.1	20000

BRANCH- CS (2013 Batch)

SL. No.	NAME	%	Amount
1	Adesh Srivastava	82.8	30000
2	Vishi Jain	82.1	30000
3	Kopal Agarwal	82.0	30000
4	Ashish Sharma	79.3	20000
5	Aashna Sahni	78.4	20000
6	Megha Agarwal	77.9	20000
7	Ankur Saxena	77.8	20000
8	Jasleen Kaur	77.3	20000
9	Paras Jot Singh	76.3	20000

BRANCH- EC (2011 Batch)

SL. No.	NAME	%	Amount
1	Vikalp Mahendra	81.7	30000
2	Mansi Gupta	81.2	30000
3	Neerupama Gupta	81.0	30000
4	Aditi Ajai	79.7	20000
5	Monika Karwa	76.5	20000
6	Sharma Ayushi Ramprakash	76.4	20000
7	Kaveri Pandey	76.0	20000
8	Sakshi Khandelwal	75.9	20000
9	Rohit Lamba	75.7	20000
10	Rekha Roy	75.2	20000
11	Meenakshi Maurya	75.0	20000

BRANCH- EC (2013 Batch)

SL. No.	NAME	%	Amount
1	Somya Khanduja	81.6	30000
2	Harshita Devyani	79.5	20000
3	Tanya	77.9	20000
4	Ritu Yadav	75.8	20000
5	Shariq Ali	75.6	20000

Scholarship Holders

BRANCH- EN (2011 Batch)

SL. No.	NAME	%	Amount
1	Anant Narayan	81.4	30000
2	Nikita Tomar	78.1	20000
3	Vaibhav Kr Chaudhary	77.8	20000
4	Amiya Raj	77.0	20000
5	Deepak Maheshwari	76.7	20000
6	Akshay Kumar Singh	75.8	20000
7	Jyoti Saxena	75.1	20000

BRANCH- EN (2012 Batch)

SL. No.	NAME	%	Amount
1	Shubham Saxena	77.5	20000
2	Apoorva Ojha	76.6	20000
3	Saumyaa Shree Shekhar	76.5	20000
4	Saransh Singh Chauhan	75.8	20000
6	Sachin Chauhan	75.6	20000
7	Himanshu Kumar Rai	75.0	20000

BRANCH- EN (2013 Batch)

SL. No.	NAME	%	Amount
1	Utkarsh Rastogi	82.6	30000
2	Arti Mishra	77.4	20000
3	Sakshi Agarwal	75.4	20000

BRANCH- IT (2011 Batch)

SL. No.	NAME	%	Amount
1	Anuj Kumar Gupta	77.3	20000
2	Snigdha Srivastava	77.3	20000
3	Km. Diksha	77.2	20000
4	Somya Bhatnagar	76.4	20000
6	Atul Kumar Singh	75.5	20000
7	Vishwamitra Manav	75.1	20000

BRANCH- IT (2012 Batch)

SL. No.	NAME	%	Amount
1	Shubhi Saxena	77.3	20000
2	Saloni Agarwal	76.8	20000

BRANCH- IT (2013 Batch)

SL. No.	NAME	%	Amount
1	Shalini Rai	75.6	20000

BRANCH- ME (2011 Batch)

SL. No.	NAME	%	Amount
1	Paras Gulati	81.2	30000
2	Sumit Singh	76.6	20000
3	Dilip Gupta	76.3	20000
4	Vivek Kr. Pandey (D)	76.1	20000

BRANCH- ME (2012 Batch)

SL. No.	NAME	%	Amount
1	Sumit Kumar Sharma	78.5	20000
2	Harsh Pandey	78.0	20000

BRANCH- ME (2013 Batch)

SL. No.	NAME	%	Amount
1	Aayush Trivedi	83.2	30000
2	Faraz Husain	78.9	20000
3	Shreyansh Shekhar	78.5	20000
4	Awanish Rao	78.1	20000
5	Ravi Shekhar	76.2	20000
6	Ashutosh Sharma	75.8	20000

Shri Ram Murti Smarak College of Engineering & Technology (Lucknow Campus)

B.TECH (2011 Batch)

SL. No.	BRANCH	NAME	%	Amount
1	CS	Shruti Pandey	78.5	20000
2	CS	Anushka Sharma	76.5	20000
3	CS	Jyoti Yadav	75.9	20000
4	CS	Konica Arora	75.4	20000
1	EC	Neeraj Devi	83.0	30000
1	ME	Sapan Kumar	76.8	20000

B.TECH (2012 Batch)

SL. No.	BRANCH	NAME	%	Amount
1	CS	Priyanshu Agrawal	81.4	30000
2	CS	Pushkar	80.5	30000
3	CS	Aprajita	76.9	20000
1	ME	Jay Kishore Bajpai	77.5	20000

B.TECH (2013 Batch)

SL. No.	BRANCH	NAME	%	Amount
1	CS	Kratiyag Gupta	78.1	20000
2	CS	Shiva Agarwal	75.2	20000
1	EC	Shivani Sachan	78.1	20000
2	EC	Mayank Shadwani	75.2	20000

Shri Ram Murti Smarak College of Women's Engineering & Technology (Bareilly Campus)

B.TECH (2011 Batch)

SL. No.	BRANCH	NAME	%	Amount
1	CS	Rifa Khan	80.3	30000
2	CS	Komal Rastogi	76.9	20000
3	CS	Malika Sinha	75.7	20000
1	EC	Surbhi Mittal	82.1	30000
2	EC	Sunita	78.1	20000
3	EC	Archika Setia	77.6	20000
4	EC	Heena Tabassum	77.6	20000
5	EC	Shradha Gangwar	77.4	20000
6	EC	Preeti Singh	77.2	20000
7	EC	Ayushi Pathak	76.2	20000
8	EC	Ayushi Tiwari	76.2	20000
9	EC	Pallavi Yadav	76.1	20000
10	EC	Vartika Chaurasiya	75.4	20000

B.TECH (2012 Batch)

SL. No.	BRANCH	NAME	%	Amount
1	EC	Darshika Saxena	76.6	20000
2	IT	Khushboo Gupta	75.9	20000

B.TECH (2013 Batch)

SL. No.	BRANCH	NAME	%	Amount
1	EC	Megha Sinha	76.8	20000
2	CS	Vanshika Shukla	77.9	20000
3	CS	Kumari Hemlata	75.2	20000
4	CS	Tripti Tripathi	75.1	20000

M.Tech.

Master of Technology

BAREILLY CAMPUS

Goal of the Programme

The uniqueness of the M.Tech. Programme lies in the fact that, though the knowledge of technology development in the students is a major focus, a lot of emphasis is laid on developing their technical skills as well as managerial skills. The one year thesis that the students do during the final year forms an important part of the curriculum. It includes work on the live industry projects, application development or research in various areas of Software Engineering, CAD/CAM, Microwave Engineering & Electric Drive & Control. Armed with such profound and exhaustive knowledge of the latest technologies, the students are a step ahead of others.

Following specialized programmes in M.Tech. are offered by the college

- **CAD/CAM**
- **Electrical Drives & Control**
- **Software Engineering**
- **Microwave Engineering**



Admission Criterion

ADMISSION PROCEDURE

M.Tech - Ist Year

Admissions are as per following :

100% seats of all branches are allotted as per State Government / AICTE directives through UPTU counseling.

Vacant seats and left over seats in all branches are allocated on the basis of merit along with personal interview. Preference shall be given to GATE qualified candidates.

FEE STRUCTURE

Fee structure is available on college website . Fee is to be paid by Demand Draft drawn in favour of "SRMSCET" payable at Bareilly.

Appreciation & Recognition of Merit

Merit must be recognized and duly honoured. This creates a healthy competition among the students, acts as a fountainhead of encouragement and becomes a shining example for others to follow. SRMS Trust has been fortunate in receiving excellent support from the Trustees and well-wishers, who have come forward and instituted various medals and other awards to encourage our students.

The medals and awards instituted are as follows:

- Shri Ram Murti Gold Medal for the highest scoring final year out-going M.Tech. student of the college.
- Shri Ram Murti Silver Medal for the second highest scoring final year out-going M.Tech. student of the college.
- A cash prize of Rs. 21,000/-** is awarded to the student securing first position in the passing out batch subject to the condition that the student has secured more than 75% Marks.

DURATION

2 Years (Four Semesters)
Full Time

SCHOLARSHIP HOLDERS

Software Engineering (2012 Batch)

SL. No.	NAME	%	Amount
1	Sadhana Singh	76.4	20000
2	Shani Fatema	75.8	20000

Microwave Engineering (2012 Batch)

SL. No.	NAME	%	Amount
1	Deergha Agarwal	77.2	20000



Curriculum

Software Engineering

Semester - I

MSE-11	Software Requirements & Specification
MSE-12	Software Process and Management
MSE-13	Web Technologies
MSE-14	Object Oriented Software Engineering

Semester - II

MSE-21	Software Architecture and Design Pattern
MSE-22	Information Security
MSE-23	Software Quality Assurance
	ELECTIVE - I

Semester - III

MSE-31	Software Reliability & Testing
	Elective-II
MSE-32	Seminar
MSE-33	Dissertation

Elective (Any Two)

MSE-01	Soft Computing
MSE-02	IT Infrastructure Management
MSE-03	Information Retrieval System
MSE-04	Multimedia and Application Development.

Semester - IV

MSE-41	Dissertation/Thesis
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CAD/CAM

Semester - I

MME-101	Numerical Methods & Computer Programming
MME-102	Simulation, Modeling & Analysis
MME-103	Advance Computer Aided design
	Elective -I

Semester - II

MME-201	Optimization for Engineering Design
MME-202	Computer Aided Manufacturing
MME-203	Robotics & Controls
	ELECTIVE-II

Semester - III

MME-309	Automation in Manufacturing
	Open Elective
MME-351	Dissertation
MME-352	Seminar/ Project

Semester - IV

MME-451	Dissertation
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Elective-I

MME-151	Product Design and Development
MME-157	Machine Tool Design
MME-162	Metal Casting
MME-164	Computer Aided Process Planning & Control
MME-168	Quality Assurance

Elective-II

MME-254	Theory of Elasticity & Plasticity
MME-259	Advanced Welding Technology
MME-263	Total Quality Management
MME-264	Materials Management
MME-269	Advanced Gas Dynamics

Open Elective

OEL-306	Management Information Systems
OEL-308	Reliability, Maintenance Mgt. & Safety
OEL-311	Neural Network & Fuzzy Systems
OEL-313	Intelligent Instrumentation



Note : Elective subjects are subject to availability of sufficient number of students and Infrastructural facilities.

Curriculum

Electrical Drives & Control

Semester - I

EDC-11	Fundamentals of Electric Drives
EDC-12	Advanced Control System
EDC-13	Power Converters-I
EDC-14	Advanced Microprocessors & Applications

Semester - II

EDC-21	Power Semiconductor Controlled Electric Drives
EDC-22	ELECTIVE-I
EDC-23	Power Converters-II
EDC-24	Minor Project

Semester - III

EDC-31	ELECTIVE-II
EDC-32	ELECTIVE-III
EDC-33	Seminar
EDC-34	Dissertation#

Semester - IV

EDC-34	Dissertation
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Dissertation to be continued in IV Semester

Elective - I

EDC-221	Micro Controller and Its Application
EDC-222	Modeling and Simulation of Electrical Machine
EDC-223	Modern Control System
EDC-224	Digital Signal Processing

Elective - II

EDC-311	Neural Network and Fuzzy System
EDC-312	Electronic Instrumentation and Process Control
EDC-313	Digital Control System
EDC-314	Electrical Power Quality

Elective - I

EDC-321	Microprocessor Controlled Electric Drives
EDC-322	Distributed Controlled System
EDC-323	Power Converters Applications
EDC-324	Non Conventional Energy Resources & Energy Converters

Microwave Engineering

Semester - I

MWE-11	Advanced Engg Mathematics
MWE-12	Electromagnetic Theory & Transmission Line
MWE-13	Microwave Measurement Technique & Industrial Microwave Application
MWE-14	LAB-1 (Microwave Component Lab)
MWE-15	LAB-2 (Microwave Integrated circuit Lab)

Semester - II

MWE-21	Microwave Component & Devices
MWE-22	Microwave Active Circuit
	ELECTIVE
	ELECTIVE
MWE-23	LAB-3 (Antenna & Radar Lab)
MWE-24	Minor Project

Semester - III

	ELECTIVE
MWE-31	LAB-4 (Antenna and Microwave Design Lab)
MWE-32	Seminar
MWE-33	Dissertation

Semester - IV

MWE-33	Dissertation and Comprehensive Viva
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List of Electives

MWE-01	Embedded System Design
MWE-02	DSP and its Application
MWE-03	Antenna Theory, Analysis and Design
MWE-04	Computational Electromagnetics
MWE-05	Optical Fiber Communication and Networking
MWE-06	Communication Systems
MWE-07	Wireless and Mobile Communications
MWE-08	Advanced Communications Network
MWE-09	Microwave solid state circuit design & Adhoc networks
MWE-10	Artificial Neural Networks

Note : Elective subjects are subject to availability of sufficient number of students and Infrastructural facilities.

Pharmacy



Bachelor of Pharmacy

Approved by Pharmacy Council of India
BAREILLY CAMPUS

Goal of the Programme

The goal of this programme is to provide adequate depth of understanding of Pharmacy principles and also to develop presentation and communication skills, which will add to the confidence in overall managerial abilities of future pharma professionals.

The programme also aims at serving the social needs of public, private, corporate, non-corporate and other sectors of the Indian Economy by preparing students for jobs in any field of the Pharmacy profession.



Bachelor of Pharmacy



Admission Procedure

B.Pharm - 1st Year

Admissions are as per the following :

85% seats of total intake are allotted according to the merit list of UPSEE / AIEEE through online counseling.

15% seats of total intake & Vacant /Lapsed seats are allocated on the basis of merit of 10+2 marks in PCM & PCB and aptitude test/interview carried out by the college /rank in UPSEE/ rank in AIEEE.

B.Pharm - 2nd Year

Candidates who have passed Diploma in Pharmacy (with minimum 60% marks) recognised by the U.P. Board of Technical Education are eligible for admission to Second Year B. Pharm. only.

Fee Structure

Fee structure is available on college website. Fee is to be paid by Demand Draft drawn in favour of "SRMSCET" payable at Bareilly.

DURATION

4 Years Full Time

INTEGRITY OF THE SYSTEM

All admissions are done by maintaining transparency at every level.

The admission against management quota is done through advertisement and the list of applicants and their merit is displayed on Notice Board in the college after the screening. Fee charged for both categories of seats is as per U.P. Govt. directives.

ELIGIBILITY

1st Year Admission :

Pass in the final examination of 10+2 standard or equivalent (with 60% marks in PCM/ Biology/P.C. Bio-Tech.) from a recognised Board.

2nd Year Admission :

60% in Diploma in Pharmacy.

The curriculum prescribed by Uttar Pradesh Technical University, Lucknow will be followed by the college which is available on the website of the University.

Specialized Laboratories

In the Bachelor of Pharmacy course the college imparts effective practical training to students in well-equipped laboratories. The students are also given on-the-job-training. For this purpose the college has the following laboratories for the students :

- Pharmaceutical Chemistry (Inorganic & Organic) Lab.
- Pharmaceutical Analysis
- Medicinal Chemistry & Bio-Chem Lab.
- Physical Pharmacy & Physical Chemistry Lab.
- Pharmaceutics I & II Lab.
- Dispensing & Cosmeticology Lab
- Remedial Bio., Human Anatomy, Physiology & Hygiene Lab.
- Research and Instrument Lab.
- Pharmacognosy Lab.
- Microbiology Lab.
- Pharmaceutical Engineering Lab.
- Machine Room.
- Pharmacology Lab.

Animal House

The college has a well equipped animal house, which is approved by CPCSEA, Ministry of Social Justice & Empowerment, Govt. of India, for experiments to be carried out by students in their research work.

Herbal Garden

Herbal garden contains large number of medicinal plants. The medicinal plants are used for practical demonstration of the students. Various medicinal plants and parts are used as medicines.

Drug Formulation

With an objective of inculcating the habit of research and innovation, the faculty of Pharmacy is engaged in the production of certain pharmaceutical dosage form, such as ointments, capsules, tablets etc. on a small scale.

Pharmacist Day

Pharmacist day is celebrated on 15th September of every year. All the students make their oral and poster presentations. Best pharmacist is awarded to a student from final year batch.



Appreciation & Recognition of Merit

The Trust recognizes all the meritorious students every year on the basis of their annual result of the University.

For this the Trust has earmarked

₹ TWO CRORES

to be distributed to the meritorious students of the Trust Institutions every year.

THE COLLEGE HAS LAID DOWN THE FOLLOWING CRITERIA FOR THE SCHOLARSHIP :

1. Students securing 86% or more marks in UPTU Examination	Rs. Equivalent to the % of marks secured (Minimum Rs. 86,000/-)	3. Students securing 80% or more but below 85% in UPTU Examination	Rs. 30,000/-
2. Students securing 85% or more marks but below 86% in UPTU Examination	Rs. 35,000/-	4. Students securing 75% or more but below 80% in UPTU Examination	Rs. 20,000/-

Merit must be recognized and duly honoured. This creates a healthy competition among the students, acts as a fountainhead of encouragement and becomes a shining example for others to follow. SRMS Trust has been fortunate in receiving excellent support from the Trustees and well-wishers, who have come forward and instituted various medals and other awards to encourage our students. The medals, awards and cash prize instituted are as follows :-

- Shri Ram Murti Gold Medal** for the highest scoring final year out-going student of the Pharmacy course.
- Shri Ram Murti Silver Medal** for the second highest scoring final year out-going student of the Pharmacy course.
- Shri Ram Murti Bronze Medal** for the third highest scoring final year out-going student of the Pharmacy course.
- Shri Ram Murti Gold Medal** for the best all-rounder of the college of out-going batch of the Pharmacy course.
- A cash prize of Rs. 21,000/-** is awarded to the student securing first position in the passing out batch subject to the condition that the student has secured more than 75% Marks.

Scholarship Holders

B.Pharm (2014 Batch)



Madhurima Saha

90.2%

₹ 90,000/-



Shradha Tomar

89.0%

₹ 89,000/-



Lavika Gandhi

86.7%

₹ 86,000/-

SL. No.	NAME	%	Amount
1	Shivani Agarwal	85.8	35000
2	Mohd. Aaqib Khan	84.7	30000
3	Namita Patel	84.7	30000
4	Shivangi Shukla	83.1	30000
5	Ankita Sharma	82.7	30000
6	Tarmeen Khan	81.2	30000
7	Aditi Latawa	80.2	30000
8	Rahul Kumar Singh	79.9	20000
9	Mohd Faizan	78.7	20000
10	Shubham Mishra	77.7	20000
11	Prakhar Agarwal	76.0	20000
12	Ajay Babu Maheshwari	75.2	20000

B.Pharm (2013 Batch)

B.Pharm (2013 Batch)

SL. No.	NAME	%	Amount
1	APARNA GUPTA	80.6	30000
2	HARSHITA AGARWAL	78.0	20000
3	SHIPRA SHARMA	77.9	20000
4	YASHI GUPTA	76.6	20000
5	ARPIT JAISWAL	76.4	20000
6	ARUSHI SAXENA	76.3	20000

SL. No.	NAME	%	Amount
1	ANKITA TRIPATHI	79.5	20000
2	GARIMA KALRA	79.3	20000
3	MRINALINI SHARMA	78.0	20000
4	AKSHAY MISHRA	77.8	20000
5	DIVAKAR BHARGAV	77.6	20000



Master of Pharmacy

BAREILLY CAMPUS



Goal of the Programme

The increased industrialization in Uttar Pradesh, Uttarakhand and adjoining states has increased the demand for qualified and trained personnel across the nation. In view of this, our goal of the M. Pharm Programme is to contribute and fulfill the national need of specialized trained pharmaceutical man-power through prescribed teaching and training programme.

Through this programme of post graduate in pharmacy the students will be educated, trained and inculcated to take research & development responsibilities of the country in large and of the world as whole.

Specialization offered:

- **Pharmaceutics**

Pharmaceutics:

The programme provides the professionals with sufficient knowledge and skills to understand the concept and design of various pharmaceutical dosage forms. The professional also having ability to develop and evaluate various novel drug delivery systems to fulfill the changing disease and patient's need. The trained post graduates are very well prepared with knowledge of modern analytical techniques for research in formulation development.

Research Facilities:

Air conditioned research laboratory equipped with equipments like : FT-IR, HPLC (High performance liquid chromatography), UV visible spectrophotometer (double beam), UV visible spectrophotometer (single beam), Brook Field Viscometer, Brook Field Rheometer, Cold centrifuge, Ultra sonicator, High Speed Vacuum homogenizer and Environmental Chamber, Automatic Multistation Tablet, Compression Machine, Six Station Dissolution Rete Text Apparatus c etc.

ADMISSION PROCEDURE

Admissions are as per the following :

100% seats are allotted as per State Government / AICTE / PCI directives through UPTU counseling.

Vacant seats and left over seats are allocated on the basis of merit along with personal interview. Preference shall be given to GPAT qualified candidates.

FEE STRUCTURE

Fee structure is available on college website, Fee is to be paid by Demand Draft drawn in favour of "SRMSCET" payable at Bareilly.

DURATION

2 Years (Four Semesters)
Full Time



Appreciation & Recognition of Merit

Merit must be recognized and duly honoured. This creates a healthy competition among the students, acts as a fountainhead of encouragement and becomes a shining example for others to follow. SRMSCET has been fortunate in receiving excellent support from the Trustees and well-wishers, who have come forward and instituted various medals and other awards to encourage our students.

The medals and awards instituted are as follows:

- Shri Ram Murti Gold Medal for the highest scoring final year out-going M. Pharm. student of the college.
- Shri Ram Murti Silver Medal for the second highest scoring final year out-going M. Pharm. student of the college.
- A cash prize of Rs. 21,000/-** is awarded to the student securing first position in the passing out batch subject to the condition that the student has secured more than 75% Marks.

M.Pharm - 1st Year

Semester - I

PHAR-511	Modern Analytical Technique
PHAR-512	Pharmaceutical Biostatistics & Computer Application
PHAR-514	Drug Regulatory Affairs & Intellectual Property Rights
PHAR-515	Product Development
PHAR-517	Pharm Biotechnology
PHAR-511P	Modern Analytical Technique
PHAR-515P	Product Development

Semester - II

PHAR-521	Pharmaceutical Production Management
PHAR-522	Recent Advance in Drug Delivery System
PHAR-523	Biopharmaceutics & Pharmacokinetics
PHAR-525	Synopsis of the proposed dissertation
PHAR- 522P	Recent Advances in Drug Delivery System
PHAR- 523P	Biopharmaceutics & Pharmacokinetics

M.Pharm - 2nd Year

Semester - III & IV

PHAR-611	Dissertation
PHAR-612	Presentation & Viva Voce





Master of Business Administration

BAREILLY CAMPUS

Goal of the Programme

The MBA Programme has been meticulously designed to balance theoretical knowledge with practical experience, providing MBA Students with problem solving skills applicable to their work and beneficial to the development of their professional career. The quintessence of our philosophy is promoting the habit of self learning, inculcating the feeling of teamwork, developing the ability to translate the concepts into practical applications along with strengthening and building their value system with Indian ethos. Our goal is to develop the conceptual and professional skills in our students through a teaching methodology based on lectures, case studies, seminars, group discussions, assignments, quizzes etc. Management aptitude is developed in students through management games, dissertation writing, case study, news analysis, field works, projects and interpersonal skills. Management students go for summer training where they understand the working of an organization and some of them get pre-placement offers. The team learning habits are encouraged through the management club and project teams. The involvements of students in team based learning are provided through entrepreneurial projects, economic policy study, business case and news analysis.



Master of Business Administration

Specializations:

The specializations for MBA course are offered as per university curriculum in Human Resource Management, Marketing Management, Financial Management, International Business, Information Technology and Rural Development. Besides these the college also provides training to the management students for getting certification in Banking, Retail, Insurance and Risks Management, Project management, Certified Financial Planner and various modules of National Stock Exchange Certification on Financial Markets. It help them well equipped with required skills and qualifications for placement.

DURATION : 2 Years Full Time

ELIGIBILITY

Three years graduation degree in BCA/BBA/B.Sc./B.Com./B.A. or 4 yrs. B.Tech./B.Pharm with minimum 55% marks from a recognised university. Preference will be given to the candidates qualified in CAT/MAT/CMAT/ATMA/SEE as per university rules.

Admission Procedure

15% seats are filled on the basis of management quota admission procedure directly by the college as per the guidelines of affiliating university. 85% seats are allotted according to the merit of State Entrance Examination (SEE) of UP State through counseling as per the directives of AICTE, state government and affiliating university.

FEE STRUCTURE

Fee structure is available on college website. Fee is to be paid by Demand Draft drawn in favour of "SRMSCET", payable at Bareilly.

INTEGRITY OF THE SYSTEM

All admissions are done by maintaining transparency at every level. Admissions against management seats are done through advertisement and the list of applicants and their merit is displayed on the notice board of the college after screening.



Master of Business Administration

Semester - I

- NMBA 011 Managing Organizations
- NMBA 012 Managerial Economics
- NMBA 013 Business Accounting
- NMBA 014 Business Environment
- NMBA 015 Business Statistics
- NMBA 016 Marketing Management
- NMBA 017 Communication For Management
- NMBA 018 Fundamental of Computer & Information System

Semester - II

- NMBA 021 Managing Human Resources
- NMBA 022 Business Laws
- NMBA 023 Customer Relationship Management
- NMBA 024 Financial Management
- NMBA 025 Operations Research
- NMBA 026 Cost & Management Accounting
- NMBA 027 Operations Management
- NMBA 028 Research Methodology
- NMBA 029 Comprehensive Viva (CV)

Industrial Training (4-6 weeks)

Semester - III

- NMBA 031 Entrepreneurship Development
- NMBA 032 International Business Management
- NMBA 033 Rural Development
- NMBA 034 Project Management
 - Specialization Group -1 Elective 1*
 - Specialization Group -1 Elective 2*
 - Specialization Group -2 Elective 1*
 - Specialization Group -2 Elective 2*
- NMBA 035 Summer Training Project Report

Semester - IV

- NMBA 041 Strategic Management
- NMBA 042 Insurance & Risk Management
- NMBA 043 Hospitality & Tourism Management
- NMBA 044 Behavioral Finance
 - Specialization Group -1 Elective 3*
 - Specialization Group -2 Elective 3*
- NMBA 045 Research Project Report
- NMBA 046 Comprehensive Viva (CV)

Elective Papers

Specialization Group : Human Resource

- NMBA HR 01 Leadership & Personality Development
- NMBA HR 02 Industrial Relations & Labour Enactments
- NMBA HR 03 Negotiation & Counseling

Specialization Group : Marketing

- NMBA MK 01 Consumer Behaviour & Customer Loyalty
- NMBA MK 02 Integrated Marketing Communications
- NMBA MK 03 Retailing & Distribution Management

Specialization Group : Financial Management

- NMBA FM 01 Security Analysis & Investment Management
- NMBA FM 02 Mgmt. of Financial Institutions & Services
- NMBA FM 03 Tax Planning and Management

Specialization Group : Information Technology

- NMBA IT 01 Database Management System
- NMBA IT 02 System Analysis & Design
- NMBA IT 03 Data Communication & Network

Specialization Group : International Business

- NMBA IB 01 International Marketing Management
- NMBA IB 02 International Logistics & Documentation
- NMBA IB 03 International Financial Management

Specialization Group: Rural Development :

- NMBA RD 01 Rural Marketing
- NMBA RD 02 Micro Finance, Small Group Management, and Cooperatives
- NMBA RD 03 Food Technology & Processing Management

Updated syllabus is available on University website

Note : Elective subjects are subject to availability of sufficient number of students and Infrastructural facilities.

About the Department

Faculty of Management Science has been offering its prestigious management programme since 1996. MBA from this college is known for its quality and perfection and ranked one of the best among all colleges of affiliating university. It is highly recognized by industries for its practical orientations. The alumni of MBA course from this college are working at leading positions in the companies of repute. The department also conducts various value addition courses and programmes such as Campus Outreach Programme, Management Development Programmes and Faculty Development Programmes.

The department is having experienced and qualified faculty members in all functional areas of management which are instrumental in providing the best and world class knowledge to the students. Besides teaching, they are also contributing significantly for the personality development of students, teaching case preparation, publications of research papers & consultancy.

Faculty members continuously interacts with industries to get the latest issues and happenings of the business world and integrate it with the teaching learning process to prepare the students of MBA ready for the industry. It helps the students in getting the best placements. The distinctive research and course modules beyond the syllabus which are designed by the faculty members provide a competitive edge to the MBA students over others. It is parallel to the best institutions ranked very high by various surveys and continually updated to bridge the gap between academia and industry.



Pedagogy

A scientific pedagogy for teaching and learning is followed by the college for management students. It consists a blend of teaching and training modules. The syllabus of each subject is elaborated in form of lesson plan by adding extra relevant and latest topics. During various semesters students are subjected for case based teaching and assignments. Besides these they have to participate in seminar presentation, field work and surveys, research article review, industry analysis and company profile presentations. Continuous evaluation and assessments is a mandatory part of our teaching pedagogy that helps the students to remain ready for examinations, assignments and training. Guest lectures are also organized by inviting professionals from reputed companies at senior levels.

Leadership development: Personality grooming and business acumen developments are considered as major parts of management education. A well designed module for personality and leadership development for complete duration of study is used for this purpose. It focuses on communication, english speaking & decision making. It helps the students to realize their potential and get a competitive edge for success in business world.

Industrial Tour: Visits of industrial units are the integral part of management curriculum of this institute. Students in each

semester visit various industrial manufacturing units. In second year one week industrial tour is organized for Mumbai which is considered as financial capital of India. During this tour the students have the interaction sessions at Securities and Exchange Board of India, National Stock Exchange, JN Port etc.

Research Centers for a Comprehensive Management Education : In order to provide a comprehensive and complete management education, various research centers have been conceptualized and functional in this department. These are as follow :

1. **Centre for Innovation and Entrepreneurship Development:** It is focusing on the activities related to the development of entrepreneurship among students and interested persons.
2. **Centre for Case Development:** This centre coordinates with industry to get the business situations for which a teaching case could be developed.
3. **Centre for the Study of Economic Policy:** The purpose of this center is to study various policies and regulatory framework and its impacts on economy and business.
4. **Centre for Management Development:** It takes initiatives to conduct various management and leadership development programs. It basically focuses on conducting customized executive training.



Specialized labs and practical training for management students

The faculty of management science is equipped with state-of-the-art infrastructure and computer lab with internet connectivity on high speed bandwidth. Various software are available in this lab where management students can get practical experience during their study. Various training related modules which are available for management students are as follow:

Financial Modeling : Faculty of management science has developed a specific module with state-of-the-art infrastructure for financial modeling, research and trading. The purpose of this module is to equip the management students, especially from finance specialization with required mathematical and analytical skills to understand the market trends and innovative financial products. The students are subjected with latest updates of national and international business news and market trends. They develop financial models by using advance MS Excel tools for financial planning and investment analysis.

Human Behaviour Dynamics : These are simulation activities for understanding human behaviors in different situation. These activities are designed for examining personality traits and behaviour of individuals that correct feedback could be communicated to management graduates about their personality. It conducts psychometric tests and analyses the behavior of individuals under different situations of team dynamics and decision making.

Business Simulation : This offers students a unique opportunity for strategy formulation in a simulated business scenario. Various management games are provided and conducted to enhance decision making capacity to MBA

students in which all functional areas like marketing, finance, HR and operations may be involved. It prepares the management graduates with required strategic decision making skills so that they can reach to the top level of managerial positions during their career.

Management Club

In order to develop a habit of team work various students clubs are functional in this department for management students. These clubs are under management club which is headed by students' office bearers as President, Vice President and Secretary. These clubs are

1. Marketing Club
2. Finance Club
3. HR Club
4. Cultural Club
5. Strategy Club
6. Values and Ethics Club
7. Entrepreneurship Club

Various events like conferences, values based seminars, interdepartmental quizzes, interdepartmental debates, cultural programme, management fest, ad fest etc. are organized by the students of management club.

Publications

In order to create a congenial academic environment Faculty of Management Science of this college started publication of management journal and news letter to provide a platform for sharing knowledge and research. A half yearly management journal "BIZCRAFT" (ISSN: 2231-0231, RNI No: UPEGN/2007/19207) and a newsletter "Enterpriser" is published by the department. Research articles are always invited for review and publication in our management journal.



Appreciation & Recognition of Merit

*The Trust recognizes all the meritorious students every year on the basis of their annual result of the University. For this the Trust has earmarked **Rs. TWO CRORES** to be distributed to the meritorious students of the Trust Institutions every year.*

The college has laid down the following criteria for the Scholarship :

- | | | | |
|--|---|--|--------------|
| 1. Students securing 86% or more marks in UPTU Examination | Rs. Equivalent to the % of marks secured (Minimum Rs. 86,000/-) | 3. Students securing 80% or more but below 85% in UPTU Examination | Rs. 30,000/- |
| 2. Students securing 85% or more marks but below 86% in UPTU Examination | Rs. 35,000/- | 4. Students securing 75% or more but below 80% in UPTU Examination | Rs.20,000/- |

Merit must be recognized and duly honoured. This creates a healthy competition among the students, acts as a fountainhead of encouragement and becomes a shining example for others to follow. SRMS Trust has been fortunate in receiving excellent support from the Trustees and well-wishers, who have come forward and instituted various medals and other awards which are :

- Shri Ram Murti Gold Medal** for the highest scoring final year out-going MBA student of the college.
- Shri Ram Murti Silver Medal** for the second highest scoring final year out-going MBA student of the college.
- Shri Ram Murti Bronze Medal** for the third highest scoring final year out-going MBA student of the college.
- Shri Ram Murti Gold Medal** for the Best all rounder MBA student of the college of the out going batch.
- A cash prize of Rs. 21,000/-** is awarded to the student securing first position in the passing out batch subject to the condition that the student has secured more than 75% Marks.



Computer Application



Master of Computer Application

BAREILLY CAMPUS

Goal of the Programme

Master of Computer Application (MCA) is a three year/two year (Lateral Entry) programme divided into five semesters of core teaching at the college level and the last semester has been dedicated for live project work to be undertaken at a firm engaged in software development, so as to enable the students to be aware of the latest state-of-the-art technology in the related/specific field of his/her interest. Our MCA Programme aims at serving the social needs of public, private, corporate, non-corporate and other sectors of Indian economy by enhancing the software development skills & technology management.

The college emphasizes on conceptual teaching along with orientation towards live projects involving software development so as to afford an excellent exposure to the students. Special emphasis is being laid on System Programming Projects using C and C++. Apart from core studies like, Operating System, RDBMS Concepts, Computer Networks, Computer Architecture and Compiler Construction, etc., the students are also exposed to software development using Visual C++, JAVA, .NET, Oracle 9.0, Visual Basic, Developer 2000 and the latest internet Technologies including HTML/DHTML, XML, JAVASCRIPT, VBSCRIPT, COM/DCOM etc.



Admission Criterion

ADMISSION PROCEDURE

Admissions are as per the following:

MCA – 1st Year

85% seats of total intake are allotted according to the merit list of UPSEE as per state government directives through UPTU counseling.

15% & vacant/lapsed seats are allocated on the basis of merit of marks at graduation level / rank in UPSEE.

DURATION

3 Years / 2 Years Full Time

MCA – IIInd Year (Lateral Entry)

Candidates who have passed their Recognized Bachelor's Degree of minimum 3 years duration in BCA, B. Sc (IT/Computer Science) with Mathematics as a subject at 10+2 level or at Graduate Level are eligible for admission to Second Year. Applicant must have appeared in UPSEE.

FEE STRUCTURE

Fee structure is available on college website. Fee is to be paid by Demand Draft drawn in favour of "SRMSCET", payable at Bareilly.

INTEGRITY OF THE SYSTEM

All admissions are done maintaining transparency at every level.

The admission against management quota is done through advertisement and the list of applicants and their merit is displayed on Notice Board in the college after the screening. Fee charged for both categories of seats is as per U.P. Govt. directives.

ELIGIBILITY

1st year admissions :

Graduation degree with 55% marks or Postgraduate in any subject from a recognised university with Mathematics as a subject at 10+2 level.

2nd year admissions :

55% in BCA/B.Sc. (CS)/B.Sc. (IT) with Mathematics as a subject at 10+2 level.



Master of Computer Application

Semester - I

NAS 104	Professional Communication
NMCA 112	Accounting and Financial Management
NMCA 113	Computer Concepts and Programming in C
NMCA 114	Discrete Mathematics
NMCA 115	Digital Logic Design

Semester - II

NAS 105/	Environmental & Ecology
NAS 205	
NMCA 212	Computer Based Numerical & Statistical Tech.
NMCA 213	Data Structures using C
NMCA 214	Introduction to Automata Theory & Languages
NMCA 215	Computer Organization

Semester - III

NMCA 311	Operating Systems
NMCA 312	Design and Analysis of Algorithms
NMCA 313	Data Base Management Systems
NMCA 314	Internet & Java Programming
NMCA 315	Computer Based Optimization Techniques
AUC-001/	Human Values and Professional Ethics/ Cyber
AUC-002	security.

Semester - IV

NMCA 411	Management Information System
NMCA 412	Web Technology

Elective - I

NMCA413	Artificial Intelligence
NMCA414	Mobile Computing
AUC-001/	Human Values and Professional Ethics/ Cyber
AUC-002	security.

Elective - I

NMCAE 011	Compiler design
NMCA 012	Client server computing
NMCA 013	Data Warehousing and Mining
NMCA 014	Advance Computer Architecture
NMCA 015	Distributed System

Semester - V

MCA-511	Web Technology
MCA512	Dot Net Framework & C#
MCA513	Software Engineering

Elective - II

MCA E21	Computer Graphics & Animation
MCA E22	Simulation & Modelling
MCA E23	Advance Database Management System
MCA E24	Artificial Intelligence
MCA E25	Information Security & Cyber Laws
MCA E26	Information Storage & Management

Elective - III

MCA E31	ERP Systems
MCA E32	Software Project Management
MCA E33	Real Time Systems
MCA E34	Mobile Computing
MCA E35	Neural Networks
MCA E36	Pattern Recognition

Semester - VI

MCA 611	Colloquium
MCA 612	Project

Note : Elective subjects are subject to availability of Infrastructural facilities.

The college provides students with state-of-the-art infrastructure. The computer labs have the latest configurations and are supported by equally high quality softwares. There are four labs in the Department of MCA :

LAB-A

Computer Systems -30 No.

Intel Core i3 3.30GHz, 500 GB HDD, 4 GB RAM, 17" TFT Monitor.

Software

Microsoft Visual Studio Dot Net 2005, MS Office 2007, MS SQL Server 2000 & 2005, MS Visual Studio 6.0, Oracle 9i, JAVA, C, C++, Adobe Photoshop 7.0, Macromedia (Max Studio), Adobe Reader 7.0, Orell Language Software, Microsoft Internet Explorer 6.0, Crystal Report Tools, MS Windows XP,

Symantec, Web Logic, Tomcat, Rational Rose, Mozilla Firefox, Google Chrome

LAB-B

Computer Systems -30 No.

Intel Core i3 3.30GHz, 500 GB HDD, 4 GB RAM, 17" TFT Monitor.

Software

Microsoft Internet Explorer 6.0, Microsoft Office 2007, Oracle 9i, MS Visual Studio 6.0, SQL Server 2000, C, C++,

JAVA, Microsoft Visual Studio 2005, Adobe Reader 7.0, Symantec Endpoint Security, MS Windows XP.

LAB - C

It is a Hardware Lab used for value addition. It consists of various components of Computer System and peripherals devices and help the students to know how about the intricacies of a computer setup.

LAB - D

Computer System -30

Core 2-Duo, 2.94 Ghz, 2 GB RAM, 250 GB HDD, TFT Monitor

Software

Microsoft Internet Explorer 6.0, Microsoft Office 2007, Oracle 9i, MS Visual Studio 6.0, SQL Server 2000, C, C++, JAVA, Microsoft Visual Studio 2005, Adobe Reader 7.0, Symantec Endpoint Security, MS Windows XP.

Appreciation & Recognition of Merit

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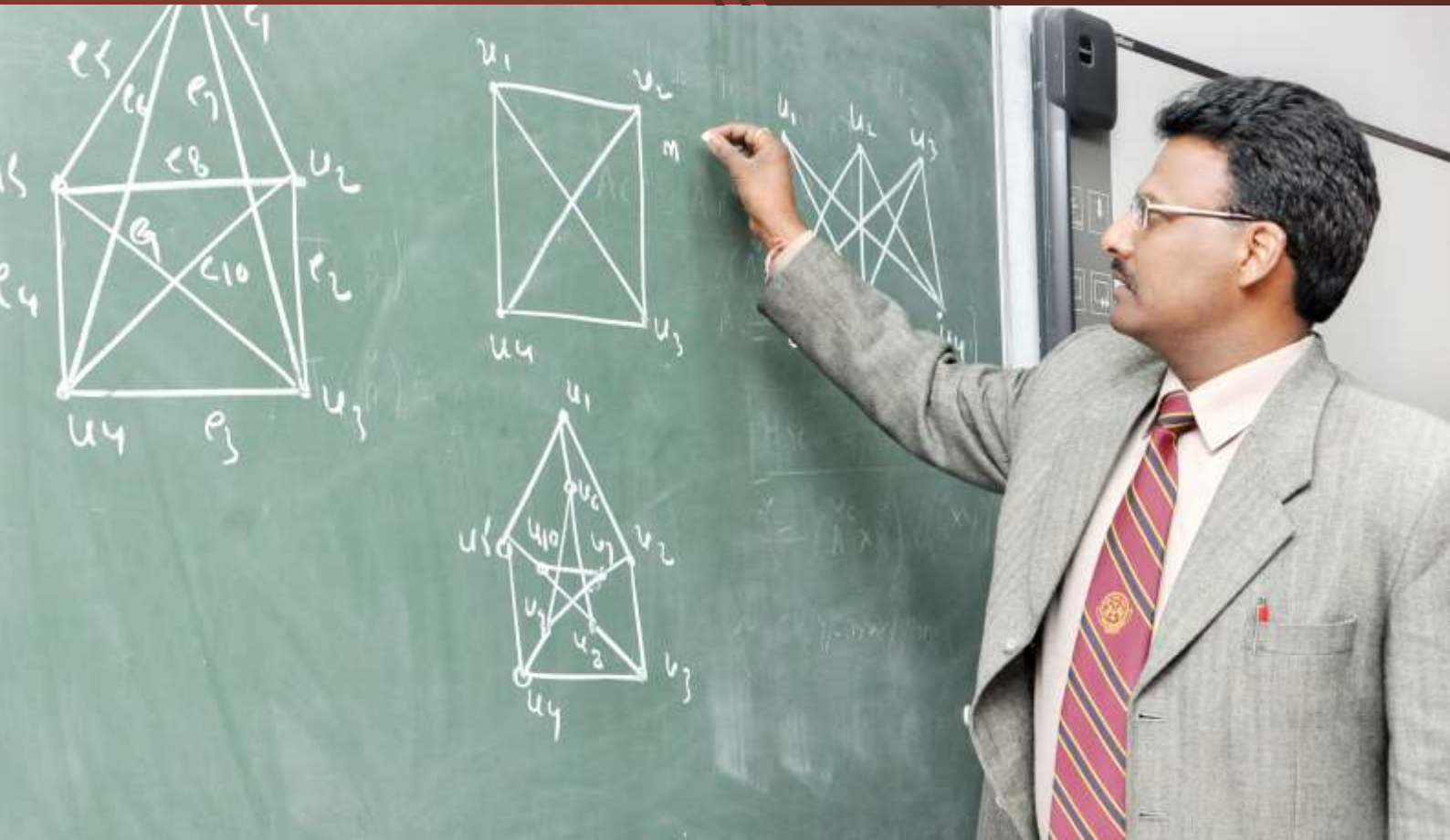
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| 3. Students securing 80% or more but below 85% in UPTU Examination | Rs. 30,000/- |
| 4. Students securing 75% or more but below 80% in UPTU Examination | Rs. 20,000/- |

<i>Scholarship - 2014</i>			
SL. No.	NAME	%	Amount
1	SHURTI MITTAL	79.0	20000
2	AKANSHA ARORA	78.9	20000
3	AKANSHA SAXENA	78.3	20000
4	NEELAM YADAV	78.0	20000
5	SANA MAHMOOD	77.5	20000
6	UMA CHAUDHARY	76.8	20000
7	DIPALI KHANDELWAL	75.9	20000
8	DIVYA RANI SHARMA	75.7	20000
9	RUPALI BHOJPURIA	75.4	20000

Merit must be recognized and duly honoured. This creates a healthy competition among the students, acts as a fountainhead of encouragement and becomes a shining example for others to follow. SRMS Trust has been fortunate in receiving excellent support from the Trustees and well-wishers, who have come forward and instituted various medals and other awards to encourage our students.

The medals, awards and cash prize instituted are as follows:

- Shri Ram Murti Gold Medal** for highest scoring final year out-going student of MCA course of the college.
- Shri Ram Murti Silver Medal** for the second highest scoring final year out-going MCA student of the college.
- Shri Ram Murti Bronze Medal** for the third highest scoring final year out-going MCA student of the college.
- Shri Ram Murti Gold Medal** for the Best all rounder MCA student of the college of the out going batch.
- A cash prize of Rs. 21,000/-** is awarded to the student securing first position in the passing out batch subject to the condition that the student has secured more than 75% Marks.



Our college is overwhelmingly rich with qualified faculty who are young experts in their respective fields, well-supported by experienced and outstanding teachers of repute. Our faculty is driven by the philosophy of knowing as which resources are to be blended and in what proportion to mould each students' individual capacities to the optimum level. We are fully aware that high quality teaching plays a key role in inculcating a stance towards life-long learning. We impress upon the faculty members to be a friend, philosopher, guide, counsellor and consultant of the students, besides the student-teacher classroom relationship. Moreover, they have been motivated to act as facilitators rather as disseminators and as such, they always upgrade their knowledge by learning through Seminars, Workshops, QIP programmes and research activities.

COMPUTER SCIENCE ENGG. & INFORMATION TECHNOLOGY

Prof. Prabhakar Gupta, PhD, M. Tech
Mr. Laxmi Shankar Maurya, PhD (P), M. Tech
Mr. Anuj Kumar, PhD (P), M. Tech
Ms. Leena Singh, PhD (P), M. Tech
Mr. Alok Singh Sengar, PhD (P), M. Tech
Mr. Amit Karmakar, M. Tech
Mr. Ankit Kumar, M. Tech
Mr. Pradeep Bisht, M. Tech
Ms. Preeti Pandey, M. Tech
Mr. Shahjahan Ali, M. Tech
Ms. Shubhangi Rastogi, M. Tech
Mr. Trilok Singh, B. Tech
Mr. Abhishek Dixit, M. Tech
Mr. Anurag Singh Yadav, M. Tech
Mr. Diwakar Upadhyay, M. Tech
Ms. Ratna Awasthi, M. Tech
Mr. Sameer Awasthi, M. Tech
Mr. Vineet Kumar Chauhan, M. Tech
Mr. Mukesh Azad, M. Tech
Ms. Manvi Mishra, PhD (P), M. Tech
Mr. Rohit Johri, M. Tech
Mr. Rohit Saxena, M. Tech
Ms. Kirti Shukla, M. Tech
Mr. Shailesh Saxena, PhD (P), M. Tech
Ms. Vandana, B. Tech
Mr. Jitendra Singh, M. Tech
Mr. Ankur Kumar, M. Tech
Mr. Bishwajeet, M. Tech
Ms. Meenakshi Pathak, M. Tech
Ms. Shikha Arya, M. Tech (P)
Ms. Ankita Nitin Saxena, M. Tech
Mr. Pravesh Kr. Bansal, M. Tech
Ms. Arti Mishra, M. Tech
Mr. Akhilesh Pratap Singh, M. Tech
Ms. Niharika Srivastava, M. Tech
Mr. Raju Singh, M. Tech
Ms. Unique Gangwar, M. Tech
Mr. Shiv Kumar Vaish, M. Tech
Mr. Dev Kant, M.S. (Engg.)
Ms. Garima Singh, M. Tech
Ms. Sadhana Singh, M.Tech. (P)
Mr. Ashish Agarwal, M. Tech (P)
Mr. Malay Tripathi, M. Tech. (P)

ELECTRONICS & COMM. ENGG.

Mr. Bimal Raj Dutta, PhD (P), M. Tech
Ms. Nazia Parveen, PhD (P), M. Tech
Mr. Abhishek Srivastava, M. Tech
Mr. Aman Agarwal, M. Tech
Mr. Anuj Agarwal, M. Tech
Mr. Apurva Singh Chauhan, M. Tech
Mr. Brijesh Kumar Yadav, PhD (P), M. Tech
Mr. Deepak Kumar, M. Tech
Mr. Deepak Yadav, M. Tech
Mr. Deshraj, M. Tech
Mr. Kapil Bhushan, M. Tech
Mr. Mahendra Singh, M. Tech
Ms. Namrata Gupta, M. Tech
Mr. Nishant Sharan, M. Tech
Mr. Ritu Raj Agarwal, M. Tech
Mr. Sovan Mohanty, M. Tech
Ms. Rachna Arya, M. Tech
Ms. Neha Thakur, M. Tech
Ms. Shilpa Saxena, M. Tech
Mr. Devendra Kumar, M. Tech
Mr. Surendra Kumar, M. Tech
Ms. Preeti Verma, M. Tech
Ms. Smriti Shubhanand, M. Tech
Mr. Ravi Raj, M. Tech
Ms. Shiva Jaiswal, M. Tech
Mr. Mohit Kumar, M. Tech
Ms. Alisha Khan, M. Tech
Ms. Meenu Gangwar, M. Tech
Ms. Deerga Agarwal, M. Tech (P)
Ms. Prateek Goeyal, M. Tech (P)
Mr. Manish Kumar Vishnoi, M. Tech
Ms. Sahreen Hijab, M. Tech
Mr. Vinay Verma, M. Tech
Mr. Gaurav Mishra, M. Tech
Mr. Aamod Kr. Pandey, M. Tech
Ms. Priyanka Agrawal, M. Tech
Mr. Mridula Maurya, M. Tech
Mr. Vipin Chaubey, M. Tech

ELECTRICAL & ELECTRONICS ENGG.

Prof. (Dr.) T. D. Bisht, PhD
Dr. Piush Kumar, PhD
Mr. Santosh Khare, M. Tech
Mr. Ashish Gangwar, M. Tech (P), B. Tech
Mr. Mohd. Mustaqeem, M. Tech
Mr. Manish Dubey, M. Tech
Mr. Mukesh Kumar Pagrani, M. Tech (P), B. Tech
Mr. Pankaj Shukla, M. Tech
Mr. Pramod Kumar Gangwar, M. Tech
Mr. Sanjeev Kumar, M. Tech
Ms. Smita Dinkar, M. Tech
Mr. Sumit Kumar Sharma, B. Tech
Mr. Sumit Patel, M. Tech
Mr. Vinit Sharma, M. Tech
Mr. Virat Bhambhe, M. Tech
Mr. Kamlesh Kumar Bharti, M. Tech
Ms. Priyanka, M. Tech (P)
Ms. Sony Verma, M. Tech
Ms. Vidushi Gupta, M. Tech
Mr. Piyush Agarwal, M. Tech
Mr. Mohd Azhar, M. Tech
Mr. Lalit Singh, M. Tech
Mr. Mohit Pant, M. Tech
Ms. Pragati, M. Tech
Ms. Farheen Chishti, M. Tech
Ms. Sarika Srivastava, M. Tech
Ms. Pooja Maurya, M. Tech
Mr. Mukesh Kr. Singh, M. Tech
Mr. Naveen Kr. Rai, M. Tech
Ms. Sonali Kalkar, M. Tech

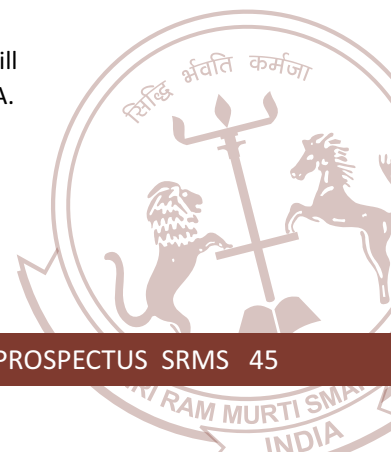
MECHANICAL ENGINEERING

Prof. (Dr.) Ashok Kr. Khanna, PhD
Prof. Subhash Mehra, ME
Dr. A. K. Bajpai, Ph.D
Mr. Shailendra Deva, PhD (P), M. Tech
Mr. Ankit Kumar, M. Tech
Ms. Ankita Maheshwari, M. Tech (P), B.Tech
Mr. Ayush Kumar Singh, M. Tech
Mr. Gaurang Deep, M. Tech (P), B. Tech
Mr. Jitendra Prasad, M. Tech
Mr. Naresh Chandra, M. Tech
Ms. Santwana Mishra, M. Tech
Mr. Vijay Sharma, M. Tech
Mr. Ashwani Kumar, M. Tech

Mr. Mohd. Mujahid Khan, M. Tech
Ms. Sakshi Gupta, M. Tech
Mr. Ammir Hussain, M. Tech
Mr. Ankit Kulshrestha, M. Tech
Mr. Aakash Deep Yadav, B. Tech
Mr. B. K. Matin, PGDM, B. Sc. (Engg.)
Mr. Saurabh Srivastava, M. Tech
Mr. Awanish Kr. Mishra, M. Tech
Mr. Syed Ashhar Afroz, M. Tech
Mr. Sandeep Kumar, M.E.
Mr. Asif Ahmad, M. Tech

BASIC SCIENCES

Dr. Kamendra Kumar, PhD
Dr. Krishna Kumar Tiwari, PhD
Dr. Anju Khandelwal, PhD
Dr. Ritu Singh, PhD
Dr. Mithilesh Tripathi, PhD
Dr. Mukesh Kumar, PhD
Mr. Bharat Bhushan, PhD (P), M. Phil
Dr. R. K. Tiwari, PhD
Dr. Suneet Saxena, PhD
Dr. Abha Gupta, PhD
Mr. Amar Pratap Singh, M.A., PhD (P)
Mr. Amit Kumar Srivastava, MBA
Dr. Ashutosh Pandey, PhD
Mr. Manish Kumar Chaturvedy, PhD (P), M.A.
Dr. Rajeev Kumar Singh, PhD
Dr. Sanjeev Kumar Shrivastava, PhD
Dr. Mani Agarwal, PhD
Mr. Akhil Kumar, PhD (P), M. Phil
Ms. Aarti Tiwari, PhD (P), M. Sc.
Ms. Ruchi Sah, MBA
Mr. K.K. Agarwal, M.Tech
Mr. Vikas Dev Singh, B. Tech
Dr. Versha Gupta, PhD
Dr. Manish Nath Tripathi, PhD, M. Sc.
Ms. Prabhjot Kaur, M.A.
Dr. Mukesh Upadhyay PhD
Mr. Sanjay Kumar,
Ms. Suchitra Agarwal, B.E.
Ms. Sulekha Verma, M.A., M. Phill
Ms. Jhoomer Ghosh, PGDM, M.A.



Faculty

PHARMACY

Prof. Jagannath Sahoo, PhD, M. Pharm
Dr. Mustaqeem Mohd Abdullah, PhD, M. Pharm
Dr. Lalit Singh, PhD, M. Pharm
Dr. Rajesh Yadav, PhD, M. Pharm
Ms. Nita Yadav, M. Pharm
Ms. Dipali Gupta, M. Pharm
Mr. Shaileendra Kumar Verma, M. Pharm
Mr. Semimul Akhtar, M. Pharm
Mr. Vijay Sharma, M. Pharm
Ms. Shashi Verma, M. Pharm
Mr. Pranit Saraswat, M. Pharm
Ms. Devika Tripathi, M. Pharm
Ms. Pragati Khare, M. Pharm
Ms. Rituparna Palit, M. Pharm
Ms. Nikita Sarshwat, M. Pharm

MASTER OF BUSINESS ADMINISTRATION

Dr. Anant Kumar Shrivastava, PhD
Mrs. Richa Murti, MBA
Dr. Deepesh Tewari, PhD, MBA
Mr. Abhishek Gupta, MBA
Ms. Ankita Tandon, MBA
Mr. Sushil Kumar Gupta, MBA
Mr. Anubhav Saxena, MBA
Ms. Jaspreet Kaur, MBA
Mr. S K Suman, MBA
Mr. Sumit Saxena, MBA
Dr. Reeta Singh, PhD
Mr. Sanjay Shukla, MBA



MASTER OF COMPUTER APPLICATION

Dr. Himanshu Hora, PhD, M. Tech, M. Phil, MCA

Mr. Ajeet Kumar, PhD (P), M. Tech

Mr. Pushpendra Kumar Singh, M. Tech, MCA

Mr. Saurabh Jha, M. Tech, MCA

Ms. Uma Bhatnagar, MCA

Mr. Amit Shukla, M. Tech

Mr. Arvind Mishra, MCA

Mr. Ankit Dayal, M. Tech, MCA

Mr. Chandrahass Shankhdhar, MCA

Mr. Fateh Chand Rana, MCA

Ms. Manpreet Kaur, MCA

Mr. Priyam Dubey, MCA

Mr. Rajesh Ranjan, MCA



Teaching & Learning Process

The College has achieved academic excellence by developing a work culture where faculty and students work together to evolve teaching learning processes.

- The College has also created healthy linkages for the upliftment of the community (under privileged) in its neighbourhood to fulfill its social obligation.
- The College emphasizes on Learnability, Trainability, Capacity to unlearn and relearn. Generalized understanding and problem solving skills.

The courses are covered using following Methodology:

- Lectures & Tutorials
- Laboratory Experiments
- Assignments & Paper Presentation
- Group discussions & Seminars
- Team Room
- Case Study Analysis
- Invited Lectures
- Minor projects and major projects.
- Online Quiz
- Smart Classes

Extensive use of Audio-Visual Techniques like OHP, LCD Projectors & CDs.



Innovative Practices

- Various Multimedia aids viz. OHPs, LCD Projectors for Power Point Presentations, Audio-Visual CDs etc. are used to improve the Teaching Learning Process.
- Industrial tours, Seminars and Expert Lectures are organized to enhance the practical/field knowledge of the students.
- Language lab has been established in the Institute to improve the communication skills of the students.
- Computers are provided in the boys & girls hostels with internet facility.
- Mock Interviews, Aptitude and Reasoning Tests are arranged.
- The college has introduced ERP solutions to integrate various functions. The ERP page can be accessed from college website by students as well as faculty members. Faculty members use the facility for recording attendance of the students, uploading their lecture plans, assignments, inter college mail etc. Students can also make use of the system through their logins and have ready access to the above information.

Academic Planning & Monitoring

- The students are provided with Academic Hand Books subject wise giving the Lectures required and References to be studied.
- The student's performance is monitored regularly by conducting scheduled Sessional / class tests.
- The answer scripts are evaluated within a week and the students are shown their answer sheets.
- In selective cases Parents are informed.
- Additional classes / Tests are arranged as remedial measures for the needy students.
- Attendance is regularly monitored and students are informed through Notice Board and ERP.
- The extent of course covered is monitored regularly.

Beyond the Curriculum :

- Value addition courses are organized to bridge the gap between the traditional syllabus and technological advancements.
- New experiments and equipments are added in the labs beyond the syllabus requirement.
- Students are encouraged to work on projects based on Industrial problems & requirements.
- Soft Skills, Seminars, Mini Projects and Additional Courses are arranged.

Examination System

- Internal & External examination system is followed as per University Guidelines.
- Three sessional tests (internal) are conducted during each semester.
- External Examinations (Theory and Practical) are held by the UPTU.
- Results are compiled and declared by the UPTU.

Personality Development

- Personality Development Classes are arranged right from Second Semester to groom the overall personality of the students and to make them industry ready and to face interviews.
- There is an English Language lab to improve the vocabulary and conversation skills.
- Two Logical Reasoning Tests are arranged regularly for II year & III year students.
- Students are motivated to undertake R&D activities and projects from II year.
- Free Internet facility is available through Wi-Fi and LAN to the students in the college as well as in hostels.

Counseling and Guidance Cell

- A full time counselor is available at the counseling cell. Assistance from an Expert Counselor (Outside) is also available.
- Staff and students contact the cell during college time and discuss their problems.





Emerging trends in technical and professional education call for value addition i.e. students must acquire something more than what is provided in the curriculum. There is need to enhance their communication skills, to develop professional ethics in them and to help them learn and develop human values and concern for humanity.

1. Infosys Campus Connect Programme

SRMSCET is a partner in the prestigious Campus Connect Programme of Infosys. As part of this programme, SRMSCET faculty members are being trained by Infosys Trainers in technical and personality development modules. Faculty members also work in Infosys under sabbatical program. Students are being trained by our faculty on Infosys prepared study material which will enable them to join Infosys at a higher entry level as compared to freshers level.

The program consists of the following generic course:

1. Computer Hardware and Systems Software concepts
2. Programming Fundamentals.
3. Relational database Management Systems
4. System Development Methodology
5. Analysis of algorithms
6. Object Oriented Concepts
7. User Interface Design
8. Introduction & Web Architecture

2. Soft Skill

Infosys under its campus connect initiative has “Soft Skills” training programme for the partnering colleges. Our college is also imparting soft skills training to the students of various courses under the framework prescribed by Infosys under its campus connect program consisting of five modules:-

- (A) The art of communication
- (B) The hidden data of communication
- (C) In the world of Teams
- (D) Adapting to Corporate life
- (E) Discussions, Decisions and Presentations

3. Oracle work force development program @ SRMSCET

Oracle Corporation has launched the Workforce Development Program (WDP) to address the skills shortage challenge in the global IT industry. WDP offers a unique partnership opportunity for educational institutions to deliver Oracle training as part of certificate and non-degree programs offered via continuing education.

SRMSCET is the first college in U.P. to get affiliation with Oracle to deliver Oracle training to students which in turn will help students to get Oracle certification.

4 Spoken Tutorials (IIT Bombay)

SRMSCET, Bareilly organize spoken tutorial program on various Free Open Source Software [FOSS] like Linux Ubuntu, PHP Mysql, Advance JAVA, Blender, LibreOffice etc. This Training program is a part of National Mission on Education through ICT [NMEICT] from IIT-BOMBAY. The program comprises of 2 hour video tutorials to teach about a Free open source software and useful to learn open source software independently. Students get the learning certificates from IIT-BOMBAY.

5. 'C' Programming and 'C++' Programming Program

To improve the Computer Programming Skills, 2 hrs. in a week is scheduled for 1st year students. In this Curriculum, the application Programming related to 'C' language is discussed.



6. Core Java

To improve the computer Programming skills, 2 hrs. in a week is scheduled for 2nd year and 3rd year students. In this Curriculum the concept of application Programming, applet Programming, Basic Graphics Programming are discussed.

7. Advance Java

To improve the Computer Programming Skills, 2 hrs. in a week is scheduled for 3rd year and final year students. In this Curriculum, the concept of swing, JDBC, RMI, CORBA and Sevelets are discussed.

8. Dot Net Framework & C#

To improve the Computer Programming Skills, 2 hrs session in a week is scheduled for final year students. In this Curriculum the concepts of VB.Net, C# and ASP .Net are discussed.

9. Management Program

College is also offering some Management related module:-

1. Entrepreneurship Development module
2. Financial Management module
3. Costing techniques module

10. Gate Classes

Graduate Aptitude Test in Engineering (GATE) make it one of the toughest examinations in India at graduate level. For 3rd and 4th year B.Tech students, college arranges Gate classes to make students aware of competitive level.

11. Other Value Added Courses

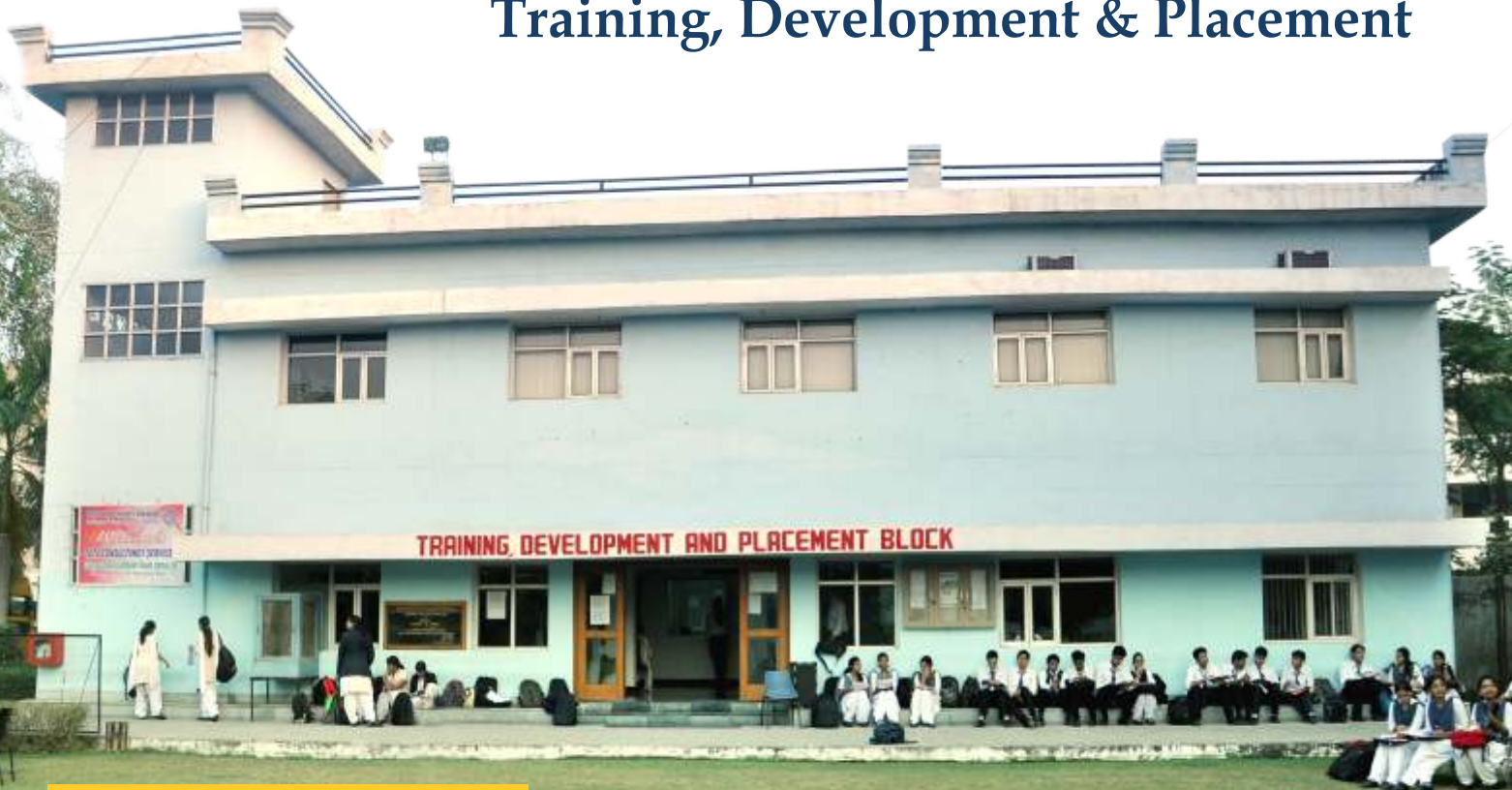
College is also offering some other courses for those students who are not interested in the computers related value Addition Course.

The Courses are as following:-

- | | |
|-------------------------------------|--|
| i. CAD/CAM (Pro-E, Ansys) | vii. PHP/MySQL |
| ii. Circuit Design | viii. VHDL |
| iii. Design of Electrical Apparatus | ix. Linux |
| iv. Micro Processors | x. Database Management |
| v. I.C. Engines | xi. Ansys Programming |
| vi. Refrigeration | xii. Object Oriented Analysis and Design using UML with essentials of Rational Software Architect. |



Training, Development & Placement



COMPANIES VISITED

HEWLETT PACKARD INDIA SALES PVT. LTD.
TAVISCA TRAVEL TECHNOLOGY SPECIALISTS
L & T INFOTECH LTD.
VALUE PROSPECT CONSULTING
JARO EDUCATION
TATA CONSULTANCY SERVICES (TCS)
ENINOV SYSTEM PVT. LTD.
DAFFODIL SOFTWARE
ALROZ SOFT PRIVATE LIMITED
SUPER HOUSE GROUP
CMC LTD.
SATIN CREDITCARE NETWORK LIMITED
RETAILON.NET
HCL TECHNOLOGIES (ISD)
HCL TECHNOLOGIES (ISD)
SPANDANA SPHOORTY FINANCIAL LIMITED
INFOEDGE (NAUKRIGULF.COM)
NATIONAL INNOVATION FOUNDATION
SOFTPRO INDIA
AMAZON.IN
CEASE FIRE
WEBKUL SOFTWARE PVT. LTD.
KSOLVES.COM, NOIDA
NISCAIR
QUANTUM PAGE PVT LTD.
FOCUS ACADEMY FOR CAREER ENHANCEMENT
NEW GENERATION APPLICATION PVT. LTD.,
ICICI SECURITIES LTD

The college is fully aware of having continuous liaison with Corporate Houses and Govt. undertakings for industrial training and for campus or off campus placement of the Engineering, Pharmacy, MCA & MBA students. Keeping this in mind, college has a separate full-fledged placement cell headed by a person of the rank of a professor. This cell is activated collectively by the students and the heads of the departments. The cell is well-equipped with independent staff, modern means of communication etc.

Placement Summary

No. of Companies Visited/ Invited us (2013-14)	:	82
No. of Companies Visited/ Invited us (2014-15)	:	83

COMPANIES VISITED

UNISYS
 COMPUTER SCIENCE CORPORATION (CSC), INDIA
 INDIA MART
 JEEVANSATHI.COM
 MARGDARSHAK FINANCIAL SERVICES LTD.
 INDIAN ARMY
 WEBKUL SOFTWARE PVT. LTD.
 NAUKRI.COM
 WIPRO TECHNOLOGIES (GLOBAL INFRASTRUCTURE DIVISION)
 XL DYNAMICS INDIA PVT. LIMITED
 REPLETE TECHNOLOGIES
 EDUACE SERVICES PVT. LTD.
 TCS (OFF CAMPUS DRIVE)
 WEBKUL SOFTWARE PVT. LTD.
 GENPACT
 UTKARSH MICROFINANCE PRIVATE LIMITED
 ICICI PRUDENTIAL
 CAPITALVIA GLOBAL RESEARCH LIMITED
 ARICENT
 EXECUTIVE SHIP MANAGEMENT PTE LTD.
 NEW GENERATION APPLICATION PVT. LTD.,
 CUMMINS INDIA
 MAINTEC TECHNOLOGIES PRIVATE LIMITED
 APPIN TECHNOLOGY LAB
 FRANCONNECT INDIA SOFTWARE
 SYNTEL
 LOGICUSP TECHNOLOGIES
 TCS- CODE VITA
 LEAD GROUP
 ALPRO PANELS
 INFORMATICA
 LAXMI CIVIL ENGINEERING SERVICES PVT. LTD.
 APTAN
 MICRO LABS LTD.
 CEBS WORLDWIDE
 IBM INDIA LIMITED
 WIPRO BPO
 ARISE INDIA LTD.
 RJ CORP
 INDUSIND BANK
 MUTHOOT FINCORP
 MRF TYRES
 CASHPOR MICRO CREDIT
 INTERGLOBE TECHNOLOGIES
 SHIKSHA.COM
 MASTECH
 OPTIMUS INFORMATION
 GOODTHROUGH SOFTWARE SOLUTIONS PVT.LTD.
 INDIAN AIR FORCE
 NIIT TECHNOLOGIES
 HDFC BANK
 MEDICAMEN BIOTECH
 INDIAN NAVY
 QUANTUM PAGE PVT LTD.
 HCL TECHNOLOGIES (ISD)
 99ACRES.COM
 UDAY HOMZ.COM
 DEV BHOOMI GROUPS OF INSTITUTIONS
 ADSIZZLER MEDIA PVT. LTD.
 VYOM INDIA
 BAJAJ ENERGY LTD., LALITPUR
 TEXAS INSTRUMENTS INC, BANGALORE

PLACEMENT STATISTICS

SRMS COLLEGE OF ENGG. & TECH., BAREILLY CAMPUS

PLACEMENT STATUS PASSING OUT 2015 (In Percentage)

S.NO.	COURSE / BRANCH	ELIGIBLE STUDENTS	SELECTED STUDENTS	% OF PLACEMENT
1	B.Tech (CS)	97	91	93.81
2	B.Tech (IT)	48	45	93.75
3	B.Tech (EC)	97	91	93.81
4	B.Tech (EN)	80	75	93.75
5	B.Tech (ME)	57	54	94.74
6	B. PHARM	10	9	90.00
7	MCA	11	11	100.00
8	MBA	28	27	96.43
	TOTAL	428	403	94.16

SRMS WOMEN'S COLLEGE OF ENGG. & TECH., BAREILLY CAMPUS

PLACEMENT STATUS PASSING OUT 2015 (In Percentage)

S.NO.	COURSE / BRANCH	ELIGIBLE STUDENTS	SELECTED STUDENTS	% OF PLACEMENT
1	B.Tech (CS)	55	52	94.55
2	B.Tech (IT)	15	14	93.33
3	B.Tech (EC)	38	35	92.11
4	B.Tech (EE)	9	8	88.89
	TOTAL	117	109	93.16

SRMS COLLEGE OF ENGG. & TECH., LUCKNOW CAMPUS

PLACEMENT STATUS PASSING OUT 2015 (In Percentage)

S.NO.	COURSE / BRANCH	ELIGIBLE STUDENTS	SELECTED STUDENTS	% OF PLACEMENT
1	B.Tech (CS)	11	9	81.82
2	B.Tech (EC)	18	10	55.56
3	B.Tech (ME)	30	22	73.33
	TOTAL	59	41	69.49

Functions of Training Development and Placement Cell

- Industrial Tour
- Guest Lectures/ Seminar/ Workshop
- Online Logical Reasoning Tests
- Mock Interview
- Industrial Training
- Personality Development Programme
- Final Placement
- Campus Interview
- Off- Campus
- Campus Connect Programme with Infosys
- MOU with Oracle, EMC, Infosys, TCS, IBM
- IBM Live Projects and Workshop
- Guidance for Career
- Guidance for Admission to the Higher Degrees
- Guidance for TOEFL, GMAT, GRE, GATE
- Organizing Group Discussion
- Counselling Cell for students
- Entrepreneurship Cell- EDI of India organizes for 3 days Training Every Year
- Nurturing relationship with Alumni and providing help in resolving their problems.

Eligibility for Campus Interviews requires at least 60% clear pass percentage throughout the course in External Examinations with no back paper at any stage.

Students Development Programme

We place a lot of emphasis on the continuous growth and all round development of our students through training and several other activities to make the students placeable. We offer regular training inputs and help them learn and acquire new skills and competencies through various activities such as industrial tours, mock interviews, group discussions, aptitude tests, expert lectures, etc.

1. **Entrepreneurship Awareness Cell:** The College encourages the students to start their own enterprises after completion of their course. In this context the college is having an Entrepreneurship Awareness Cell. Through this cell the college arranges three days training every year for the students who wish to become entrepreneurs after completion of their course. Entrepreneurship Development of India, New Delhi, also helps this cell in delivering the lectures by their faculties.
2. **Industrial Tour:** A technical course is incomplete without exposure of the student to industry. Hence college arranges educational tours for the students on a regular basis. The intricacies of theory and field are explained by the industry experts during their visits. The theory taught in classroom is made clear during these visits.
3. **Online Logical Reasoning Tests:** Students of EQUINOX Committee conducts online tests twice a month. These





tests are designed for students of all courses. The pattern of the test is similar to the online tests which are conducted by companies' during campus placement for screening the students. These tests are organized by the Training and Placement Cell of the college. We also organize online training in collaboration with Aspiring Minds and MeritTrac (GBTU WATCH)

4. **Group Discussion:** Presentation skill is a necessary part of the interviews now a days. With this objective group discussion forms a regular feature whereby students, in a group of 6-8 are encouraged to discuss various topics related to their field and also of current awareness.
5. **Mock Interviews:** The Training and Placement Cell ensures that the students are completely prepared and are confident before appearing for the interviews in the companies. The aim of the exercise is to help students in grooming their overall personality and bringing out the hidden talents, creativity and flair of the students.
6. **Industrial Training:** In order to give hands on experience of the corporate world, industrial training after the pre-final year has been made a part of the curriculum. We have established a proactive industry involvement program for arranging industrial training and internships. MBA students have to undergo training for 4 weeks (after II Sem), B.Tech and B.Pharm students have to undergo training for 4 to 6 weeks (after VI Sem). The members of the placement Cell arrange for personal feedback of the students from the organizations which are providing them training whereby faculty representatives go and meet the trainers personally and enquire about students' performance.
7. **Final Placements:** For the final placement of the students the placement cell arranges on campus and off campus placement process. The emerging trends in the global markets are monitored and programmes are organized to provide latest skills and competencies required by the industries. The college boasts of excellent placement record with most of our students getting placement in good organizations.

Library



Library

Library is a vital resource and it serves as a nerve centre for all student pursuits. A rich collection of carefully selected books in all areas of Engineering, Pharmacy, Management, Computer Applications and Social Sciences, form a part of our impressive air-conditioned Library, a state-of-the-art two-storeyed building.

SRMS CET, Bareilly Campus

Timing	: 08.00 am to 11.00 pm
Total no. of Titles	: 11965
Total no. of Volumes	: 46006
Total no. of Print journals	: 183
International Journals	: 76
National Journals	: 107
Online Journals	: 4 online journal (1. ASPP 145 Full text Jr.) (2. ASME 25 Full text Jr.) (3. J-Gate Social A Mgmt. Sc.) (4. EBSCO Sub. by EBSCO)
Total no. of Magazines	: 51
News Papers	: 13
CDs of Books	: 1941
Cds. of Periodical	: 789

SRMSWCET, Bareilly Campus

Timing	: 08.00 am to 11.00 pm
Total no. of Titles	: 3008
Total no. of Volumes	: 15747
International Journals	: 22
National Journals	: 57
Online Journals	: Springer Link (149 E-Journals) (Subscribed by GIST-AICTE)
Total no. of Magazines	: 42
News Papers	: 10

SRMS CET, Lucknow Campus

Timing	: 08.00 am to 11.00 pm
Total no. of Titles	: 1667
Total no. of Volumes	: 7642
International Journals	: 09
National Journals	: 30
Total no. of Magazines	: 12
News Papers	: 5
CDs of Books	: 380

Other Facilities available in the Library

- ❖ Book Bank Service
- ❖ Reference Service
- ❖ Computerized Automation
- ❖ LAN with internet connectivity
- ❖ Virtual Class Room
- ❖ OPAC (Online Public Access Catalogue)
- ❖ Current Awareness Service
- ❖ Latest Arrival: a Monthly Publication
- ❖ News Paper Clipping
- ❖ Inter-Library Loan & Resource Sharing
- ❖ Reprographic facility / Photocopier
- ❖ Binding
- ❖ Lamination

Accessorial Infrastructure

Virtual Class Room

The college enhances the learning experience through a comprehensive I.T. Support system. A Virtual Class Room has been established with Plasma Screen and LC projector. Students can learn by listening to as well as interacting with any Faculty/Expert from any part of the world.



Computer Centre

Computer Centre plays a critical role of a learning centre both for the students and faculty. This state-of-the-art facility is equipped with latest IBM/HP/Xeon server with over 250 network systems i7/i5/i3 Intel Processor, 2GB/4GB RAM, Memory 500 GB/ 1 TB Hard Drive, 17"/15" color monitor. The platform is available in Computer Centre - Windows-7, Windows-XP, Unix, Linux (ubuntu) and Novell Netware using different softwares like - Oracle, Visual Studio, Photoshop, Illustrator, MATLAB, IBM Rational Rose, Director, C, C++ etc. Computer centre is equipped with facilities such as: Scanner, Line, Laser and Dot-Matrix Printers. All students are given a personal computer account, e-mail address, network drive, personal space on the Web Server and access to the Internet. Computer Centre is open round the clock.



Health Centre

The college maintains a primary health centre where primary medical services are made available to the students in the college campus itself. For tertiary services, SRMS-IMS, an ultra modern, 950 bed, centrally air-conditioned Hospital caters to the medical needs of the students and faculty. Moreover, 24 hours first-aid and ambulance facilities are available within the campus under the supervision of a doctor and qualified assistant.

To give students peace of mind and tranquility which they need for better concentration and mental labour, the college has the required infrastructure for Yoga, Pranayam & Meditation.



Residential Area

The Institute has on campus residential facilities for Faculty Members, Residents and Administrative Staff. The residential area is located on a sprawling and pollution free area and provides healthy condition for living. Within the residential area it has a Garden, parking space, 24 hrs. Security, Water Supply, Electricity, Cable TV and Telecom facility is available.



Bank

The campus has an ATM Machine of Oriental Bank of Commerce which provides 24 hrs. ATM transaction facility.

Oriental Bank of Commerce (CBS Branch) is located in Ram Murti Puram, provides banking & locker facility.

Transport

The college provides transport services regularly between campus and the city. College buses are made available to the students and faculty members for commuting from various points in the city to the college and back. All the buses reach campus before college hours and leave the campus after college hours. It is compulsory for all the students to make use of college buses or stay in hostel.



Sport Facilities



The college provides facilities to students to pursue a wide range of sports activities in the campus. The Outdoor facilities include athletics (6 Lane 400 Meters Track field with all accessories), hockey, football and cricket fields: basketball, volleyball, lawn tennis and badminton courts. The college provides excellent indoor facilities for table tennis, badminton, billiards, chess, carom & pool etc. There is also a separate indoor squash court in the college campus.



Gymnasium

The Campus has a well equipped modern Gymnasium in the Multipurpose Hall.

Thus, students have options to choose from a range of sporting activities and exercises to ensure that they stay healthy enough to cope with stress posed by modern day life.



Recreational Facilities

Besides the episodic events, Cafeteria, (Nescafe KIOSKS, Cold Drink, Ice-cream point, Open air restaurant etc.) is the place where students get a lot of relaxation and enjoy their free time.



Guest House

The college maintains Ten rooms well furnished air conditioned Guest House with ultra comfortable boarding and lodging facilities. Guest house facility is made available to visitors / parents at a very nominal rate.



Temple

To provide spiritual environment to student, faculty & staff, all of our campus are having separate temples. Radha Mohan Temple of lord Krishna & Radha and Narmadeshwar Temple of Lord Shiva with Family are situated in Bareilly as well as in Lucknow campus. Lord Hanuman Temple is also situated at Lucknow.

Accessorial Infrastructure

Hostel

Hostel is compulsory for all students belonging to place other than Bareilly.

Thousands of students across the country are provided residential facility available in the College Campus, which come closest to being a home away from home. The separate facilities for boys and girls, caring wardens and all alert security ensure a pleasant stay and ensuring students to focus on academics. There are four Hostels in the college campus, Revati Hostel (for girls), LBV Hostel, Er. S.M. Hostel (for boys) and Boys PG Hostel. These hostel rooms are well furnished. These hostels have separate mess which is managed by the Students Committee. Hostels have 24 hours power supply facility, hot water supply in winters, common rooms with LCD TV & indoor games. Only vegetarian food is served in the hostel mess.



SHRI RAM MURTI CENTENNIAL AUDITORIUM

Student's activities are aimed at all round development of students, and also grooming them to face global challenges. Our endeavour is to prepare the students to inculcate managerial skills and to develop a proactive approach to solving problems, in a continuously changing economic, political and socio-cultural environment.

Students Activities

Students are encouraged to organise cultural, technical, literary events as well as to participate in sports activities. To actively involve the students in all these activities, various student clubs have been established in the college.

TYRO Club

This is a student club of SRMSCET that has been formed by the students at college level. The club organises a number of cultural, literary, sports, dramatics, Robotics, and other activities on a regular basis through out the year.



Zest

An annual cultural/academic festival called "ZEST" is held by the club to provide opportunities to all the students to exhibit their talents in different fields. Teams from Technical and Management colleges/institutes of repute are invited to participate in this festival. Skits, debates, quizzes, mock parliament, music & dance events followed by FASHION SHOW and STAR NITE are highlights of the event.



Students Activities



Aamod

The Tyro Club organises “AAMOD”, an annual sports meet, open to all Technical colleges, every year. Various events like : track and field events, various outdoor and indoor games like Badminton, Volleyball, Table Tennis, Basketball, Squash, Football, Kho-Kho, Mini Cricket etc are organised as a part of the celebrations.

Techvyom

“TECHVYOM” is a national level technical festival, that is organised by the college annually. Various technical events are organised during this festival, in which participants from various colleges take part. A workshop on “ROBOTICS” has become a regular feature of our annual events.

Spic Macay

SPIC-MACAY is an institution engaged in propogating classical music and dances. It attempts to familiarise the young generation of the country with their cultural roots. As such, college has made it a point to invite best performers in classical dances and instrumental/vocal music. World-fame couple artist Jai Rama Rao and Vanshree Rao (Kuchipudi Dancer), Shri Puran Chand Wadali group and Kathhak Dancer Nalini-Kamalini have given their superb performances under the banner of SPIC-MACAY.

Hobby Club

The college also has a “HOBBY CLUB” a forum for organising creative activities among students such as painting, photography, philately, music, dramatics etc. The events organised by our college are highly appreciated and acclaimed at all levels. Most of the presentations from students are comparable to that of professionals.



VERVE (Vigour, Enthusiasm, Spirit, Specially in arts, writing)

This is the college Club that has been formed at the college level by the students. This club organises many events under its banner like: Technical Events, Sports and Cultural Event (Spandan). The various clubs running under VERVE are :



Sports Club (Aaveg):

The VERVE club organises Aaveg, a sports event in the college which comprises of various track and field events, outdoor and indoor games like - Badminton, Volleyball, Table Tennis, Live Chess, Carrom etc.

Cultural Club (Neophytes):

This is a cultural club which provides opportunities to all the students to exhibit their talents in various creative activities such as painting, photography, music, philately, dramatics, dance, etc. The events organized by the college are highly appreciated and acclaimed at all the levels.

The Dramatics Club (Exprimo):

This is the Dramatics club of the college running successfully under the aegis of VERVE club.

Technical Club (Techtronix - Enabling Innovation):

This is a technical Club of the college that deals with the various technical events in all fields organised by the verve club. A Workshop on Robotics has become a regular feature.

Aero Club (Skysharks):

Skysharks acts as a forum for the students development in the field of aeronautics. This club organises several workshops as a regular feature in the college.

Torrent - Your Tech Pal:

The college also offers a value added program to keep pace with the fast changing face of technology. Torrent is a student level computer based society that aims for the overall development of the students who will be the future technocrats.



Student Activities

SRMSCET, Lucknow

OASIS

An oasis signifies the aesthetic personification in a heart of health filling them with fertility and prosperity. Oasis club of SRMSCET aims to contemplate the life of students with zeal, triumph and vitality building them into a Mangrove of success.

The various clubs running under OASIS are:-

Music & Dance club

Rhythm and beats are important for instrumental working of life. Thus to nurture the talent of students and in order to allow them to showcase their talent music & dance club is formed.

Dramatics & Fashionate Club

The expression plays an important role in one's persona. The dramatics club keenly organizes various dramatic events (mime, street play etc.) to maintain a proper balance of ideas in students life.

Sports Club

The philosophy of health is wealth has been true for ages. To keep students healthy sports events like Badminton, volleyball, table tennis, chess, carom etc. are organized.

Robotics Club

The Robotic club organizes activities related to Robotics amongst student fraternity. This club organizes robotics workshops of various levels.

Synergy Club

The taste technical appetite is given in synergy. The club organizes various printed circuit Board (PCB) making workshop, circuit making competition to improve hands-on technical knowledge amongst the students.

ME Club

The ME Club organizes computer aided design workshops in which activities like designing of product and new product development through various softwares like CATIA ProE.

IT Club

IT Club organizes Dot NET and Advanced JAVA workshops, online games in which future aspect of computer based technology has been aimed.

Literary Club

The Literary club provides the opportunity to all the students to exhibits their talents in various creative activities such as essay writing, theme based story writing, news editing etc.



Departmental Clubs & Publications

Various Departments in the college organise club activities pertaining to their respective areas of specialization.

Engineering :

Robotrax Club:

The Robotrax Club is dedicated to promotion of activities related to Robotics amongst student fraternity. The club has a multi disciplinary approach and organises workshops and competitions for the benefit of the students.

Aeronautical Club:

A new club dedicated to development of knowledge and skills in the field of Aeronautics has been established since last year. The club is receiving an overwhelming support and participation of the student community.

Triumph Club:

Student of M.Tech. have formed a 'TRIUMPH CLUB' which conducts several activities. This Club is dedicated to development of knowledge and skills in field of research.

B. Pharm.

Students of Pharmacy have formed a "Pharmaquimica Club", which conducts several activities. It releases e-magazine christened "PHARMA MIRROR", which is published by the department to encourage the students of Pharmacy to increase their involvement in the field of Pharmaceutical research, publication and presentation.

MBA

The MBA department has formed the following Clubs for the overall personality development of management students.

- | | | | | | |
|----------------|---|-------------------------|----------------|---|------------------|
| 1. Market Buzz | - | The Marketing Club | 2. Fin Whiz | - | The Finance Club |
| 3. Man-Machine | - | The Human Resource Club | 4. Technocrats | - | The IT Club |

Paradigm

"Paradigm" is an annual event that is organized by the Faculty of Management Science with the view to provide impetus to the creativity and the initiative among students of Management. The event is made up of Extempore, Quiz, Role-play and game related to Management.

MCA

The MCA Department organizes Club activities as part of its continuing endeavour to improve the skills of the students. Six different clubs have been formed in order to organize various activities. The clubs are:

- | | | |
|----------------|-------------------------|-------------------|
| 1. "UWIN" Club | 2. Tweaks & Tricks Club | 3. C2C# Club |
| 4. CISCO Club | 5. New Era@IT Club | 6. Blue Chip Club |

In-House Publications

Biz-Craft - An academic journal which aims to encourage and propagate the academic writing in business and management knowledge.

Vision - Vision is a quarterly newsletter containing significant information regarding academic and extra-curricular events taking place in the college.

Retrospect - The publication is dedicated to college alumni and provides a platform where college alumni can express their thoughts and views.

Spectrum - published research papers contributed by the students.

Endeavor - Published research papers contributed by the faculty member.



Membership & Initiatives

Membership of Academic bodies

Students are encouraged to have the memberships of various academic societies/associations like -

- Computer Society of India (CSI)
- All India Management Association (AIMA)
- The Institution of Engineers (India)
- Indian Society for Technical Education (ISTE)
- Association of Indian Management Schools (AIMS)
- Rohilkhand Management Association (RMA)

Alumni Association

Over 8000 SRMS Brand ambassadors across the Globe are adding glory to our 20 years' success story. Their value system headed by the discipline and adaptability, inculcated during their stay at SRMS, is continuously being appraised by the corporate in the form of more and more opportunities to our students. SRMS Alumni Association, a bridge between SRMS and its alumnus, is regularly organizing Alumni Meets and Alumni Lecture Series so as to strengthen the interaction of the students with their seniors in the corporate world.



Community Services

The students and faculty conduct regular rallies under the banner of Pharmacy Club & N.S.S. on some important National Days to disseminate knowledge and create awareness regarding the theme pertaining to that Day. The objectives of these rallies are to offer counselling to the villagers and tribal community on factors affecting their health and literacy particularly regarding:

- Women Welfare
- Knowledge of AIDS, Anaemia
- Nutrition for Girl Child
- Family Welfare
- Polio & Tuberculosis
- Hygienic Conditions



SRMSCET in collaboration with SRMS Hospital arranges rural medical camps and members of N.S.S. hold camps in tribal areas. The purpose of these camps is to spread awareness and information about diseases prevention and their cure, basic hygiene and sanitation.

1. Ragging is punishable offence under Law

As per the orders of Hon'ble Supreme Court, AICTE, PCI, State Government and U.P. Technical University ragging is illegal and is completely prohibited and banned both inside and outside the college campus. Any student caught or informed by victim student or his parents/guardians, an F.I.R. will be lodged against the student involved in ragging.

As per Hon'ble Supreme Court of India's Order

If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his/her explanation is not found satisfactory, the authority would expel him/her from the institution."

The college has taken the following steps against the menace of ragging :

- (a) A proctorial board has been constituted.
- (b) An anti-ragging cell has been set up.
- (c) A standing committee has been constituted.

Students are therefore advised to keep away from any activity amounting to any kind of Ragging.

- 2. Timings - College timings are from 8.00 am to 4.40 pm. Special class timing for weak students upto 5.30 pm. Students are not permitted to enter the college campus after 8.30 am and not allowed to leave the campus before 4.40 pm.
- 3. Transport - All day scholars have to come by college bus only. Nobody is permitted to come by own vehicles (two-wheelers, four-wheelers) private vehicles like autorickshaws, taxis and private buses.
- 4. Parents are advised not to give any two-wheelers or four-wheelers to their wards for coming to the college.
- 5. ID Card - Each student will be provided with an identification card with his/her photo and name as well as other details on it. The students have to compulsorily wear ID cards inside the campus and in college buses. Without ID cards they are not allowed to enter the campus. ID cards have to be worn by the students during visits to other colleges/universities for participating in sports, cultural and other academic activities.
- 6. Dress Code:
Boys : Plain white full shirt, Black trouser, Navy blue blazer (in winters), college tie, black Oxford shoes and grey socks.
Girls: Same as above OR white salwar with white knee length kurta (kameez) with grey dupatta (white for PG Students) and navy blue blazer (in winters) black Oxford shoes and grey socks.
- 7. Student Counsellors - Every 60 students will have a counsellor who will be responsible for all the academic activities of the student. Counsellors would guide the students with regard to their academic problems as well as to their attendance and its record.
- 8. Internal Assessments - Three class-tests and Mid Sem Exam (Theory & Practical) shall be held in each and every semester as per the scheme mentioned in the calendar. In addition, assignments (only in first year) quizzes, online test, subject seminar, group discussion, general awareness etc. are also an integral part of internal assessment.
- 9. All requisition letters like industrial visit permission, leave letters, medical certificates permission, should be addressed to the Administrator.
- 10. All requisition letters regarding hostel matters including permission & leave should be addressed to Chief Warden.
- 11. All requisition applications for Bonafide certificates, Scholarship form should be addressed to the Principal. The Trust scholarship form should be addressed to the Managing Trustee.
- 12. Mobile Phone & SIM with Unique Intensification Number will be provided by the college to the Hostellers. Mobile phones are restricte in academic Block, Library & Computer Centre.

Important Instructions

- (a) If any student is caught owning/using any cellular phones (mobile phones) in the restricted areas, a heavy fine will be imposed and cellular phone will be seized which will not be returned in any case.
- (b) If the student is caught second time owning/using cellular phone in the restricted areas, he/she will be expelled from the Hostel/College immediately.
13. Smoking, chewing of tobacco, the use of other intoxicants and spitting are strictly prohibited inside the campus and hostel.
14. Parents are requested to keep a close watch on the attendance and progress of their wards. They are welcome to meet the Principal/Director only between 12.00 Noon to 3.00 PM.
15. If the attendance of the student is below 75%, then the student is not allowed to appear in the second mid sem. as well as end semester examination.
16. If a student has secured below 60% marks in the internal examination, then he/she shall not be allowed to appear in the end semester examination.
17. Holidays of the college are followed as per the college calendar.
18. College follows a calendar system. All information like holidays, number of working days per semester, class-tests & mid-sem exam dates, college functions, End Sem. University Exam date etc. are mentioned on that.
19. Hostel rules & other Rules of the college are to be strictly observed.
20. Hostel is mandatory for all students who are residents of any place other than Bareilly.
21. In case of withdrawal after admission no fee, including security deposit is refundable when any seat remains vacant in the course.
22. Hostel fee & fooding charges will be refundable as per Trust rules on pro rata basis.
23. Tution fee for SC/ST students whose parents annual income is below Rs. 2.00 lac is reimbursable by U.P. Govt. If reimbursement amount is not paid by the Govt. upto three months of date of admission, the students has to arrange fee from his/her own resources.

**The college reserves the right to change
any or all of the information,
rules, regulation and procedures without prior notice,
whenever it is deemed necessary to do so.**

Legal Disputes, if any, shall be subjected to Bareilly Jurisdiction only.

At a Glance

Neil Armstrong's words "One small step - one giant leap for mankind" came alive, with the foundation of SRMS Trust, for, since its inception in 1990, SRMS Trust has primarily taken initiative for the benefit of the society at large.

SRMS Trust, a public charitable Trust, established in the year 1990 by Shri Dev Murti, founder and chairman is a living tribute to the memory of his loving father, veteran freedom fighter, true Gandhian, ex-parliamentarian, ex-minister U.P., Late Shri Ram Murti Ji.

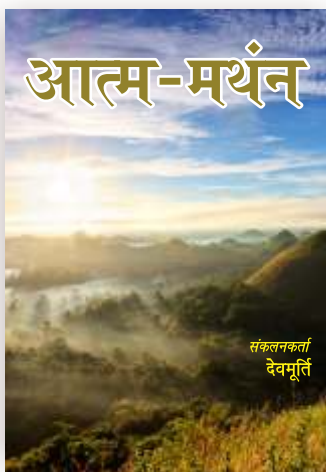
The primary objective of the Trust is to provide and promote education and research in the field of Engineering & Technology, Medicine, Humanities, Science and Management.

The aim of SRMS Trust is the upliftment of the masses:

- by promoting social values- Social Services
- by promoting technical and professional education: SRMSCET, SRMSWCET
- by promoting Health & Medical Education : SRMS IMS, Nursing School

Scholarship :

Late Shri Ram Murti ji was a great source of inspiration for the students particularly the meritorious but economically weak. Therefore the Trust decided to offer financial help to economically weak but meritorious students from the day of its inception. Initially such help was centred to only 10+2 and undergraduate students (1990). Later on such scholarship was extended to the students pursuing professional, technical and medical courses in institutions run by the Trust. The year 2007 was the turning point when Trust decided to distribute Scholarships of RUPEES TWO CRORE each year to meritorious students of institutions run by the Trust.



Story Writing & Debate

Since 1990, the Trust has been organizing debates on various burning topics of National and International interest. Participation includes candidates from both degree and Intermediate levels.

To encourage new and up-coming writers the Trust organizes a National level story writing competition annually and awards substantial cash awards to its winners. Trust arranges to publish the prize winning stories in a book form. First edition "Kalyug Ki Yashodhara", Second edition "Antheen", third edition "Aatm-Manthan" have already been published and the fourth edition is under print.

Ram Murti Pratibha Alankaran



The trust honours eminent personalities of Uttar Pradesh annually, who have made the Nation proud, with “RAM MURTI PRATIBHA ALANKARAN”. Some of the people honoured so far are Prof. M.S. Sode (Vice Chancellor, Lucknow University), Dr. J.C.Bass (Eye Surgeon, Bareilly), Prof. Wasim Barelvi (Urdu Poet), Dr. Nawal Kishore (Gynaecologist), Dr. Braham Prakash (Neuro Surgeon), Shri K.P.Saxena (Poet), Prof. Rajveer Singh Yadav (Nephrologist Surgeon), Shri Ashok Kumar Goyal (Businessman), Shri Ashok Kumar Agarwal (Journalist), Prof. S.S. Agarwal (Director, Sanjay Gandhi Post Graduate Medical Institute, Lucknow), Dr. B.K. Goel (Heart Specialist), Shri Bhuwan Chandra Harbola (Cricketer), Guru Jitendra Maharaj Ji (Kathak Dancer), Justice P.K. Jain, Krantikari, Shri Ram Murti (Pilibhit) (Freedom

Fighter), Shri Sunder Lal Bahuguna (Environmentalist), Dr. V.K. Jain (Nuclear Scientist), Shri Sudhanshu Ji Maharaj (Preacher & Social Reformer), Col. Suresh Joshi (Eminent Army Personnel), Ms. Priyanka Chopra (Miss World), Dr. Nalini (Kathak Dancer), Dr. Kamalini (Kathak Dancer), etc.

Vocational Training

The Trust through its nexus with Engineering and Medical College has started an on-going programme from the year 2007, the Vocational Training to socially and economically backward people of the adjoining areas. 250 young persons educated up to High School or 10+2 are being selected for training in certain crafts like Carpentry, Welding, Turning, Wiring, EPBAX-Operation, X-ray Technicians, ECG Technicians and Computer Literacy.



Free Medical Services



The Trust organises three rural medical camps every month in which it provides free medical consultancy, diagnostic services and medicines to the poor and needy people. Eye Camps are organised monthly, in which, 3068 Cataract Surgeries are performed and medical facilities are provided free of cost. Smile Train Project, USA : Under this project the patients suffering with Cleft Lip and Palate are being treated free of cost. To promote awareness about mother and childcare, the Trust organises various camps in rural and urban areas on weekly basis in association with state government agencies.

Other Institutions run by the Trust

SRMS Institute of Medical Sciences



M.B.B.S. Programme

Shri Ram Murti Smarak Institute of Medical Sciences, Bareilly offers undergraduate medical education i.e. MBBS (Bachelor of Medicine & Bachelor of Surgery) Programme with an intake of 100 students with an orientation towards internationally recognized standards of excellence. The Institute is dedicated to inculcate values and ethics in students to shoulder the responsibility of taking the country to commanding heights. The Institute is established in an area of 26 acres of land in sprawling and pollution free environment. It is located at 13.2 Km, Bareilly-Nainital Road, Bareilly. The campus offers healthy atmosphere for teaching, learning, patient care and living.

The Institute is approved by Medical Council of India (MCI), Ministry of Health and Family Welfare, Govt. of India and is affiliated to MJP Rohilkhand University, Bareilly. MBBS Programme is running successfully since 2005.

MD / MS Programme

Salient Features

g M.D. / M.S. in Pre, Para, Clinical Disciplines.
g Started from academic session 2011 - 12.

g Permitted by Medical Council of India.

g Affiliated to Mahatma Jyotiba Phule Rohilkhand University, Bareilly

The Institute offers following Post Graduate Courses (MD / MS)

S. No.		Discipline	Course
1	PRE	Anatomy	MD
2		Physiology	MD
3		Biochemistry	MD
4	PARA	Pathology	MD
5		Pharmacology	MD
6		Microbiology	MD
7		Community Medicine	MD
8		Forensic Medicine	MD

S. No.		Discipline	Course	
9	CLINICAL	General Medicine	MD	
10		Pediatrics	MD	
11		Pulmonary Medicine	MD	
12		Psychiatry	MD	
13		Dermatology	MD	
14		General Surgery	MS	
15		Orthopaedics	MS	
16		Ophthalmology	MS	

17		ENT	MS
18		Obs. & Gynecology	MS
19		Radio Diagnosis	MD
20		Anesthesia	MD
21		Radio Therapy	MD

Hospital

29th Jan, 2001, was the auspicious day on which the founder of Trust, Smt. Ram Rakhhi Devi, laid down the foundation of Ultra modern 650 bed, centrally air-conditioned, Multi Super Speciality Tertiary Care Centre having highly qualified doctors and with state-of-the-art equipments. It is spread over 26 acres of land, situated at 13.2 Km. Bareilly-Nainital road. The Hospital commenced its world class services on 4th July 2002, and it caters to the medical needs of almost 30 million people within a radius of 250 Kms (150 miles) reaching upto Nepal.

SRMS Institute of Medical Sciences (Hospital)



SRMS School of Nursing

Shri Ram Murti Smarak School of Nursing, Bareilly offers Diploma in General Nursing & Midwifery (GNM). The goal of the programme is to provide in depth education and sound training in the field of Nursing with emphasis on preparing nurses/health workers to meet the basic health needs of the community as well as to meet the requirements of emerging hospitals/nursing homes.

The School is established in sprawling and pollution free environment. It is located at Ram Murti Puram, 13 Km. Bareilly-Nainital Road, Bareilly (In the campus of SRMS IMS). The School and courses are recognized by Indian Nursing Council, New Delhi, affiliated with State Medical Faculty, Uttar Pradesh and Approved by Govt. of Uttar Pradesh.



R. R. Cancer Institute & Research Centre (a unit of SRMSIMS)

R.R. Cancer Institute and Research Centre is a leading institute in whole of Uttar Pradesh and Uttarakhand, which is providing state-of-the-art facilities in the field of cancer treatment. It is equipped with High Energy Linear Accelerator with multi-leaf collimators and HDR-Brachytherapy to treat all types of cancer from head to toe. Besides delivering 3D-Conformal RT, the institution is well equipped to administer all types of chemotherapy and provide palliative care to the terminally ill patients.



SRMS International Business School, Lucknow -Kanpur Highway

Shri Ram Murti Smarak International Business School is a world class management school in Lucknow region started in 2011 & offer AICTE approved PGDM course. It has distinctive faculty, global curriculums and world class infrastructure.



SRMS Institute of Paramedical Sciences

Shri Ram Murti Smarak Institute of Paramedical Sciences is approved by State Medical Faculty, Lucknow and Govt. of Uttar Pradesh and affiliated to MJP Rohilkhand University, Bareilly. SRMSIPS started in 2011 & offers diverse range of degree courses in paramedical techniques. SRMSIPS offers following courses:

- | | |
|--|----|
| 1. Bachelor of Science in Medical Laboratory Techniques. | 40 |
| 2. Bachelor of Physiotherapy. | 40 |
| 3. Bachelor of Optometry. | 40 |
| 4. Bachelor of Science in Radiological Imaging Techniques. | 40 |
| 5. Bachelor of Science in Operation Theater Techniques. | 40 |
| 6. Bachelor of Science in CT/MRI Techniques. | 40 |

The objectives of the institute is :

1. Producing competent paramedics who may meet the challenges in Paramedical discipline and O.T.
2. Updating the Paramedics with the advancements in Science and Technology affecting the medical departments in a hospital.
3. Making the students to recognise their ability for assuming various positions in professional organisations.
4. Developing the sense of community services and personal contribution to the society.



Shri Ram Murti Smarak Functional Imaging & Medical Centre

Shri Ram Murti Smarak Trust has added another feather to its glory in the field of medical science by establishing 'Shri Ram Murti Smarak Functional Imaging & Medical Center in Lucknow, which is India's most advance diagnostic center in private sector at Lucknow.

This ultra modern diagnostic center is be capable of doing all kind of advance diagnostics right from Nuclear Medicine to Radiodiagnosis to Pathology. This center is equipped with very advanced PET Scan with CT Biograph 64 Flow with DE and Hot Lab, Gamma Camera with dual Detector, India's first quiet 3.0Tesla MRI with 48 Channels, Digital Mammography with Fusion Technology, Ultrasound ACUSON X700 Ultrasound, Digital X-Ray and Lab investigations like Pathology, Microbiology and Biochemistry. This is the center for all investigations under one roof.

Shri Ram Murti Smarak School (Lucknow Round Table 136)

SRMS School is the world class school started in 2015 in association with Lucknow Round Table 136. The school is established in pollution free environment. It is located at 35 km. NH-25, Lucknow Kanpur Highway, Ashakhera, Unnao (U.P.).

The objective of this school is to inculcate quality learning among students and make them competent to achieve desired goal in this fast changing global scenario.



Purpose:

The combined aptitude test will be conducted for admission against the management seats in the First Year of the B.Tech. Course of the SRMS Institutions. The purpose of this test is to assess the Engineering aptitude among the aspirants.

Preparation & Declaration of Merit:

The merit will be prepared on the basis of the PCM percentage of the candidate in 12th standard along with due consideration to the marks secured in the aptitude test. The declaration of the merit will be done on the same day.

Personal Counseling:

On the basis of the aforesaid merit, the personal counseling of the candidates will be conducted on the same day for allotment of the management seats to the candidates in accordance with his / her position in merit. The choices of the candidates regarding the institution & the branch will be considered and the final allotment will accordingly be done.

DURATION OF APTITUDE TEST: 2 HRS.

SUGGESTIVE SYLLABI PAPER (Physics, Chemistry, Mathematics & English)**Section A, Physics**

Measurement: Dimensional analysis and error estimation, dimensional compatibility and significant figures. Motion in one dimension: Average velocity, instantaneous velocity, one-dimensional motion with constant accelerations, freely falling bodies. Laws of Motion: Force and inertia, Newton's laws of motion, and their significance. Motion in two dimensions: Projectile motion, uniform circular motion, tangential and radial acceleration in curve-linear motion, relative motion and relative acceleration. Work, Power and Energy: Work done by constant and variable forces, kinetic and potential energy, power, Conservative and non conservative forces, conservation of energy, gravitational energy, work energy theorem, potential energy stored in a spring. Linear Momentum & collisions: Linear momentum & impulse, conservation of linear momentum for two particle system, collisions, collision in one dimension, collision in two dimension, rocket propulsion. Rotation of a rigid body about a fixed axis: Angular velocity and angular acceleration, rotational kinematics, rotational motion with constant angular acceleration relationship between angular and linear quantities, rotational energy, moment of inertia for a ring, rod, spherical shell, sphere and plane lamina, torque and angular acceleration, work and energy in rotational motion, rolling motion of a solid sphere and cylinder. Gravitation: Gravitational field, Kepler's laws and motion of planets, planetary and satellite motion, geostationary satellite. Oscillatory motion: Harmonic motion, oscillatory motion of mass attached to a spring, kinetic & potential energy, Time Period of a simple pendulum, comparing simple and harmonic motion with uniform circular motion, forced oscillations, damped oscillations and resonance. Mechanics of solids and fluids: States of matter young's modulus, bulk modulus, shear modulus of rigidity, variations of pressure with depth, Buoyant forces and Archimedes principle, Pascal's law, Bernoulli's theorem and its application, surface energy, surface tension, angle of contact, capillary rise, coefficient of viscosity, viscous force, terminal velocity, Stoke's law, stream line motion, Reynold's numbers. Heat and thermodynamics: First law of thermodynamics, specific heat of an ideal gas at constant volume and constant pressure, relation between them, thermodynamics process (reversible, irreversible, isothermal, adiabatic), second law of thermodynamics, concept of entropy and concept of absolute scale, efficiency of a Carnot engine, thermal conductivity, Newton's law of cooling, black body radiation, Wien's displacement law, Stefan's law. Wave: Wave motion, phase, amplitude and velocity of wave, newton's formula for longitudinal waves, propagation of sound waves in air, effect of temperature and pressure on velocity of sound, Laplace's correction, Principle of superposition, formation of standing waves, standing waves in strings and pipes, beats, Doppler's effect. Electrostatics: Coulomb's law, electric field and potential due to point charge, dipole and its field along the axis and perpendicular to axis, electric flux, Gauss's theorem and its applications to find the field due to infinite sheet of charge, and inside the hollow conducting sphere, capacitance, parallel plate capacitor with air and dielectric medium between the Plates, series and parallel combination of capacitors, energy of a capacitor, displacement currents. Current Electricity: Concept of free and bound electrons, drift velocity and mobility, electric current, Ohm's law, resistivity, conductivity, temperature dependency of resistance, resistance in series and parallel combination, Kirchoff's law and their application to network of resistances, principle of potentiometer, effect of temperature on resistance and its application. Magnetic Effect of Current: Magnetic field due to current, Biot-Savart's law, magnetic field due to solenoid, motion of charge in a magnetic field, force on a current carrying conductors and torque on current loop in a magnetic field, magnetic flux, forces between two parallel current carrying conductors, moving coil galvanometer and its conversion into ammeter and voltmeter.

Magnetism in Matter : The magnetization of substance due to orbital and spin motions of electrons, magnetic moment of atoms, diamagnetism, paramagnetism, ferromagnetism, earth's magnetic field and its components and their measurement. Electromagnetic induction : Induced e.m.f., Faraday's laws, Lenz's law, electromagnetic induction, self and mutual induction, B-H

Guidelines for Aptitude Test

curve, hysteresis loss and its importance, eddy currents. Ray Optics and optical instruments: Sources of light, luminous intensity, luminous flux, illuminance, photometry, wave nature of light, Huygen's theory for propagation of light and rectilinear propagation of light, reflection of light, total internal reflection, reflection and refraction at spherical surfaces, focal length of a combination of lenses, spherical and chromatic aberration and their removal, refraction and dispersion of light due to a prism, simple and compound microscope, reflecting and refracting telescope, magnifying power and resolving power. Wave Optics: Coherent and incoherent sources of light, interference, young's double slit experiment diffraction due to a single slit, linearly polarized light, Polaroid. Modern Physics: Photo-electric equation, matter waves, quantization, Planck's hypothesis, Bohr's model of hydrogen atom and its spectra, ionisation potential, Rydberg constant, solar spectrum and Fraunhofer lines, fluorescence and phosphorescence, X-Rays and their productions, characteristic and continuous spectra. Nuclear Instability, radioactive decay laws, Emission of α , β , γ rays, Mass - defect, Mass Energy equivalence, Nuclear Fission Nuclear Reactors, Nuclear Fusion. Classification of conductors, Insulators and semiconductors on the basis of energy bands in solids, PN junction, PN Diode, junction Transistors, Transistor as an amplifier and Oscillator. Principles of Logic Gates (AND, OR and NOT) Analog Vs Digital communication, Difference between Radio and television, Signal propagation, Principle of LASER and MASER, Population Inversion, Spontaneous and stimulated Emission.

Section B, Chemistry

Atomic Structure: Bohr's concept. Quantum numbers, Electronic configuration, molecular orbital theory for homonuclear molecules, Pauli's exclusion principle. Chemical Bonding: Electrovalency, co-valency, hybridization involving s,p and d orbitals hydrogen bonding. Redox Reactions: Oxidation number, oxidising and reducing agents, balancing of equations. Chemical Equilibrium and Kinetics: Equilibrium constant (for gaseous system only) Le Chaterlier's principle, ionic equilibrium, Ostwald's dilution law, hydrolysis, pH and buffer solution, solubility product, common-ion effect, rate constant and first order reaction. Acid -Base Concepts: Bronsted Lowry & Lewis. Electrochemistry: Electrode potential and electro-chemical series. Catalysis: Types and applications. Colloids: Types and preparation, Brownian movement, Tyndall effect, coagulation and peptization. Colligative Properties of Solution: Lowering of vapour pressure, Osmotic pressure, depression of freezing point, elevation of boiling point, determination of molecular weight. Periodic Table : Classification of elements on the basis of electronic configuration, properties of s,p and d block elements, ionization potential, electronegativity & electron affinity. Preparation and Properties of the following: Hydrogen peroxide. copper sulphate, silver nitrate, plaster of paris, borax, Mohr's salt, alums, white and red lead, microcosmic salt and bleaching powder, sodium thiosulphate. Thermochemistry : Exothermic & endothermic reactions Heat of reaction, Heat of combustion & formation, neutralisation, Hess's law. General Organic Chemistry: Shape of organic compounds, Inductive effect, mesomeric effect, electrophiles & nucleophiles, Reaction intermediates: carboniumion, carbanions & free radical, Types of organic reactions, Cannizzaro Friedel Craft, Perkin, Aldol condensation. Isomerism: Structural, Geometrical & Optical IUPAC: Nomenclature of simple organic compounds. Polymers: Addition & condensation polymers Carbohydrates: Monosaccharides. Preparation and Properties Of the Followings: Hydrocarbons, monohydric alcohols, aldehydes, ketones, monocarboxylic acids, primary amines, benzene, nitrobenzene, aniline, phenol, benzaldehyde, benzoic acid, Grignard Reagent. Solid State: Structure of simple ionic compounds, Crystal imperfections (point defects only), Born-Haber cycle Petroleum: Important industrial fractions, cracking, octane number, anti knocking compounds.

Section C, Mathematics

Algebra: Sets relations & functions, De-Morgan's Law, Mapping Inverse relations, Equivalence relations, Peano's axioms, Definition of rationals and integers through equivalence relation, Indices and surds, Solutions of simultaneous and quadratic equations, A.P., G.P. and H.P., Special sums i.e. Un^2 and Un^3 (nUN), Partial fraction, Binomial theorem for any index, exponential series, Logarithm and Logarithmic series. Determinants and their use in solving simultaneous linear equations, Matrices, Algebra of matrices, Inverse of a matrix, Use of matrix for solving equations. Probability: Definition, Dependent and independent events, Numerical problem on addition and multiplication, theorem of probability. Trigonometry: Identities, Trigonometric equations, properties of triangles, solution of triangles, heights and distances, Inverse function, Complex numbers and their properties, Cube roots of unity, De-Moivre's theorem. Co-ordinate Geometry: Pair of straight lines, Circles, General equation of second degree, parabola, ellipse and hyperbola, tracing of conics. Calculus: Limits & continuity of functions, Differentiation of function of function, tangents & normal, Simple examples of Maxima & Minima, Indeterminate forms, Integration of function by parts, by Substitution and by partial fraction, definite integral, application to volumes and surfaces of frustums of sphere, cone and cylinder. Differential equations of first order and of first degree. Vectors : Algebra of vectors, scalar and vector products of two and three vectors and their applications. Dynamics : Velocity, composition of velocity, relative velocity, acceleration, composition of accelerations, Motion under gravity, Projectiles, Laws of motion, Principles of conservation of momentum and energy, direct impact of smooth bodies. Statics: Composition of coplanar, concurrent and parallel forces moments and couples resultant of set of coplanar forces and condition of equilibrium, determination of Centroid in simple cases, Problems involving friction.

Section D, English

Grammar, Spelling, Simple Tenses, Prepositions, Conjunctions, Determiners, Adjectives, Voices, Word Meanings, Correction of Sentences, Fill In the Blanks, Uncommon Words, Sentence Completion, Synonyms, Antonyms, Relationship Between Words And Phrases. Patterns And Correct Uses (parts Of Speech), Syntax Concord, Articles, Word Formation, One Word Substitute, Vocabulary Building, Comprehension.

