

"Excellence
with
Values"



Chancellor's Award 2009



HITKARINI COLLEGE OF ENGINEERING & TECHNOLOGY

Since 1997...



| An ISO 9001-2008 Certified Institute |



"To accept changes as challenges with an open mind, to cater technical and professional academic needs and serve the mankind.

सर्वभूते हितार्थाय चलिम्यामो निरन्तरम्

This signifies that the institute is working consistently for the welfare of all throughout. The elements inside the logo represent the Mechanical, Computer Science, Electronics and Communication and other branches related to technical educations.

The pinion wheel represents that with the moving time the institute is progressing and matching the international standards. The satellite projects that we work times ahead of the current world. The computer signifies that we are connected with the world and are heading towards a truly networked institute.

At its inception, the institute had three branches: Electronics and Communication, Mechanical Engineering and Computer Science; and over the years have added Information Technology, Electrical Electronics and Civil Engineering along with Post Graduate Programs of Master of Computer Application (MCA) and Master of Business Administration (MBA). The college aspires to have Post Graduate Courses in Engineering and a College of Architecture in the near future.

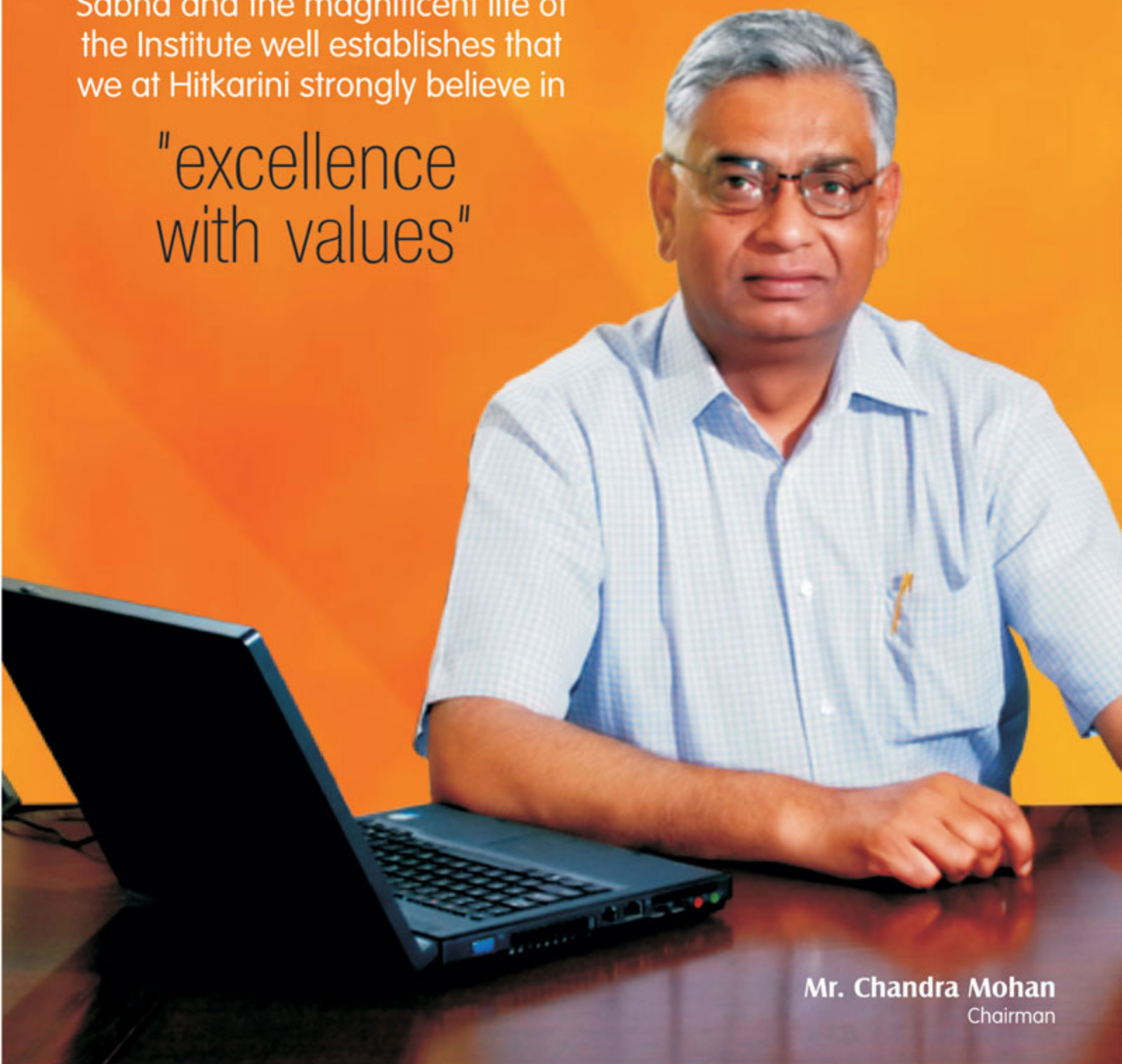
HITKARINI COLLEGE OF ENGINEERING & TECHNOLOGY

Hitkarini Hills, Dumna Airport Road, Tembhar, Jabalpur - 482 005 M.P. INDIA

Year of Establishment	:	August 1997
Status	:	Self Financed Private Institute
Sponsored By	:	Hitkarini Sabha, Swatantra Mat Parisar, Civic Centre, Jabalpur
Chairman	:	Shri Chandra Mohan
Vice-Chairman	:	Shri Rajesh Agrawal
Principal	:	Dr. S. B. L. Beohar
City Address	:	Swatantra Mat Parisar, Civic Centre, Jabalpur Pin - 482 002
Telephone No.	:	College +91-761-2600221-25
FAX	:	+91-761-2600300,
City Office	:	+91-761-2410578, 2410270
Email	:	principalhcet@hitkarini.com
Website	:	www.hcet.hitkarini.com
Approved by	:	All India Council for Technical Education, New Delhi
Recognized by	:	Director of Technical Education, Bhopal M.P.
Affiliated by	:	Rajiv Gandhi Prodyogiki Vishwavidyalaya, Bhopal (for B.E. and MCA) Rani Durgavati Vishwavidyalaya, Jabalpur (for MBA)

"The legendary past of the Sabha and the magnificent life of the Institute well establishes that we at Hitkarini strongly believe in

"excellence
with values"



Mr. Chandra Mohan
Chairman



Prof. G. P. Tiwari
1998 - 2006



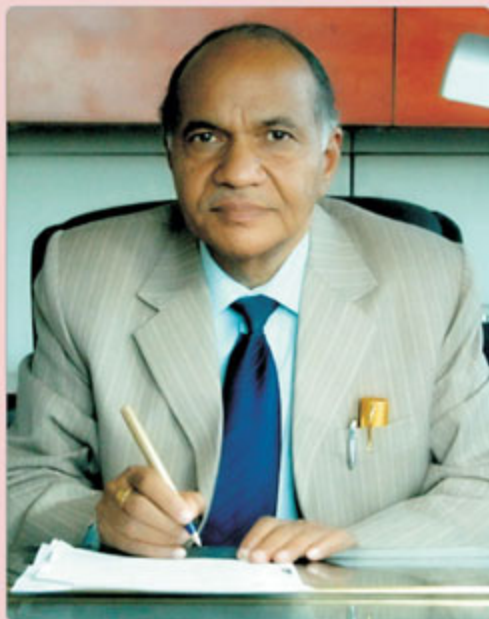
Dr. I. S. Gujral
2006 - 2007



Dr. S. C. Agrawal
2007 - 2008

We are grateful to have had leaders of utmost excellence, who ensured that the institute moves with a mission and vision of quality technical and professional education. With their imbibed values and under their guidance and leadership, we stand the best amongst the private professional colleges and are continuously growing and improving to be par excellence.

Principal's Note



Dr. S. B. L. Beohar
Principal

In tune with globalization and understanding the need of the society and the corporate world the "Team Hitkarini" ushered further ahead into the field of education by introducing the concept of private professional colleges in the Mahakoshal region of India. We have been the pioneer in establishing the first private professional college in Jabalpur and are proud of our venture.

The college since its inception has been pacing with times and today we stand with an identity of honesty, simplicity and quality.

The college with a strong foundation and polished vision aspires to be a world class, premier institution for quality technical and professional education and research. We produce professionals abreast with competencies, mind-set and ethical values synchronous with the futuristic requirements of global business so as to strengthen the national economy.

"Global excellence in knowledge economy" has been our bottom line. We engage in rewarding real world technological and managerial assignments and to serve the mankind and enhance the quality of life.

OUR LEGENDARY PAST



Hitkarini Sabha - Imparting Values Since 1868

"A vision that made the difference ..."
141 years in tune with times.

Hitkarini Sabha, Jabulpore for the first time ushered into the history books, in the year 1868, eleven years after India's first freedom fight of 1857. Since then, the history of Hitkarini Sabha is synonymous with India's Freedom Movement.

Hitkarini Sabha is the leading nationalist Educational Conglomerate of Central India in Jabalpur with a unique contribution to the freedom movement and has promoted the moral, social and intellectual interests and well-being of the people, by extending literacy, technical and professional knowledge.

Institutions run by Hitkarini Sabha

Colleges

	Estd.
1. Hitkarini Girls College, Jabalpur	1933
2. Hitkarini Law College, Jabalpur	1934
3. Hitkarini Women's Training College, Jabalpur	1981
4. Hitkarini Science, Commerce & Arts College, Jabalpur	1993
5. Hitkarini College of Engineering & Technology, Jabalpur	1997
6. Hitkarini College of Computer Education, Jabalpur	1997
7. Hitkarini College of Computer Application, Jabalpur	2000
8. Hitkarini Institute of Nursing Sciences & Research, Jabalpur	2002
9. Hitkarini Dental College & Hospital, Jabalpur	2005

Higher Secondary Schools

	Estd.
1. Kasturchand Hitkarini H. Sec. School, Jonesganj, Jabalpur	1871
2. Babu Manmohandas Hitkarini Girls H. Sec. School, Dixitpura, Jabalpur	1938
3. Hitkarini H. Sec. School, Garha, Jabalpur	1944
4. Hitkarini H. Sec. School, Govind Ganj, Jabalpur	1948
5. Hitkarini H. Sec. School, Gorakhpur, Jabalpur	1958
6. Hitkarini Girls H. Sec. School, Garha, Jabalpur	1977
7. Hitkarini H. Sec. School, Sahajpur, Jabalpur	1981
8. Hitkarini Girls H. Sec. School, Vehicle Factory Estate, Jabalpur	1992
9. Hitkarini H. Sec. School, Bijori (Chargaon), Jabalpur	1996

Middle & Primary Schools

	Estd.
1. Hitkarini Girls Primary School, Garha, Jabalpur	1987
2. Hitkarini Primary School, Govind Ganj, Jabalpur	1987
3. Hitkarini Primary School, Garha, Jabalpur	1988
4. Hitkarini Primary School, Gorakhpur, Jabalpur	1988
5. Hitkarini Primary School, Ghamapur, Jabalpur	1988
6. Hitkarini Children's Academy, Jonesganj, Jabalpur	1997
7. Hitkarini Primary School, Sahajpur, Jabalpur	1997

Other Institutions

	Estd.
1. Kasturchand Hitkarini Sanskrit Pathshala, Jabalpur	1870
2. Hitkarini Sabha Girls Hostel, Jabalpur	1958
3. Hitkarini Computer Centre, Jonesganj, Jabalpur	1984

8 Colleges

16 Schools

1 Sanskrit Pathshala

1 Computer Centre

13000 plus Students

1000 plus Teachers





Our Mentor's



Mrs. Chandra Prabha Pateria
President, Hitkarini Sabha



Shri Mahendra Bhandari
Secretary, Hitkarini Sabha



Mr. Y. C. Uprit
Member, Hitkarini Sabha

Prime Movers



Mr. Vishwa Mohan
Joint Secretary, Hitkarini Sabha



Shri Rajesh Agrawal
Vice Chairman, HCET



Mr. R. K. Shrivastava
Member, Governing Body



Mr. Vijay Shrivastava
Project Co-ordinator

EXCEL TO GROW



Vision

- To be a world class, premier Institute for quality technical and professional education and research.
- To produce professionals abreast with competencies, mind-set and ethical values synchronous with the futuristic requirements of global business so as to strengthen the national economy.
- Global excellence in knowledge economy.
- Investigate Technology and skills with outstanding faculty.
- Inspire senior savvy technocrats, managers and innovators.
- Engage in rewarding real world technological and managerial assignments.
- Experience corporate life in top national and international companies.

Quality Policy

- To ensure the courses and services be provided and implemented with commitment to meet customer requirements.
- Ensuring that staff are adequately qualified and competent.
- Deliver training that needs the requirement of constantly changing social and technological environment.
- Involving industry through training and placement on an ongoing basis.
- Ensuring that educational standards and related activities are maintained and continually improved through monitoring, review and compliance to the requirements of ISO 9001-2008.

Innovative Practices

- Online Teaching - Learning process.
- 9am to 9pm Internet access facility for students and faculties.
- Outstanding performing students are awarded Gold Medals.
- No ragging zone.
- "Scholarships" to financially weak meritorious students.

An
ISO 9001-2008
Certified
'A' Category
Institute





Our Pride

Proud Winners of Chancellor's Award



KOMAL ANANDANI
University 1st Position

Looking back in my past I feel proud to have chosen Hitkarini College of Engineering and Technology, Jabalpur to be my mentor and to provide me with a platform to excel not just in my academic career but also in my life. With the excellent faculty support, guidance and ambience the students receive the best nurturing with ample opportunities to grow into statures of great academic and human aspects of life. People seldom return to their alma-matar, but I wish to be associated with HCET for all my life to come.



ARPIT VORA
University 2nd Position

Hitkarini encourages its students to excel in every field of life with consistent support and distinguished guidance from the guru's who motivated us and provided intellectual depth to aim high and achieve the set targets.

Students are provided with good exposure to the latest developments in the world of engineering and technology and also by introducing innovative teaching methods.

Chancellor's Award





1 KW STEAM POWER PLANT

Steam Power Plant



This is the first unit of its type which is installed in any private or Govt. Engineering College all over the M.P. The power plant shows how electricity is actually produced from conventional fuel. What are the main parameters to be considered for better performance of the system. How and which part of the system is affected by varying different parameters.

The plant is also designed to run on non-conventional fuel like Jetropa Seed Oil.

The following calculations may be made using the system:

- Calorimeter calculation
- Steam Flow meter calculation
- Isentropic work calculation
- Output power calculation
- Isentropic efficiency of turbine calculation
- Condenser effectiveness calculation
- Water flow measurement for steam boiler
- Preparation of heat balance sheet



Jetropa
operated
1 KW Steam
Power Plant





Recognition and Affiliation for B.E. And MCA Course

Hitkarini College of Engineering and Technology has been approved by All India Council for Technical Education, vide letter no. F.No. 760-81-227 (E)/ET/97 dated 8th August 1997 and had been affiliated to Rani Durgavati Vishwavidyalaya, Jabalpur. Since the year 2000, the college is affiliated to Rajiv Gandhi Prodyogiki Vishwavidyalaya (R.G.P.V.) the technical university of Madhya Pradesh.

Procedure of Admission to B.E. Course

Students are admitted to B.E. on the basis of their performance in examinations like Pre-Engineering and Pharmacy Test (P.E.P.T.) and All India Engineering Entrance Exam (A.I.E.E.E.) through the distributive online counseling conducted by the Rajiv Gandhi Proudyogiki Vishwavidyalaya (R.G.P.V.), Bhopal.

As per the State Govt. directives in PEPT 2009 booklet, 15% seats are reserved to NRI quota and remaining 85% seats are categorized as open. From the year 2008 as per M.P. Govt. order no. F-7-2/96/A.P./1 dated 12th March 1997 and order no. F-7-16-2000/A.P./1 dated 6th July 2000 Bhopal, reservations as per Govt. norms are also implemented under SC, ST and OBC category. The details are available in P.E.P.T. 2009 booklet. However, if no NRI is available, these seats will be considered under open category and will be filled through open counseling. For admission in B.E. course, the student must qualify P.E.P.T. Examination. If any seats remain vacant then they may be filled on the merit basis of:

- AIEEE Score
- 10+2 level examination with Physics, Chemistry and Mathematics through subsequent counseling conducted by RGPV, Bhopal.

Lateral Entry / Admissions in B.E. Course

Diploma holders are eligible for admission to the second year of four year B.E. Degree Course through LET (Lateral Entry Test). There are 6 seats in each discipline. The candidates will be selected through lateral entry test and eligible to participate in the counseling for lateral entry conducted by DTE, Bhopal.

Courses & Admission Procedure

Presently Hitkarini College of Engineering & Technology offers following BE Degree courses to its students and its yearly intake is:

Branch	Seats
Electronics and Communication Engineering	60
Computer Science and Engineering	60
Mechanical Engineering	60
Information Technology	60
Civil Engineering	60
Electrical and Electronics Engineering	60

We have applied for Fee Waiver Scheme as per the directives from AICTE, New Delhi and DTE Bhopal; for 1 physically handicapped, 2 women candidates and 3 economically weaker students i.e. 10% of the intake of each branch. (applicable only for B.E. Courses)

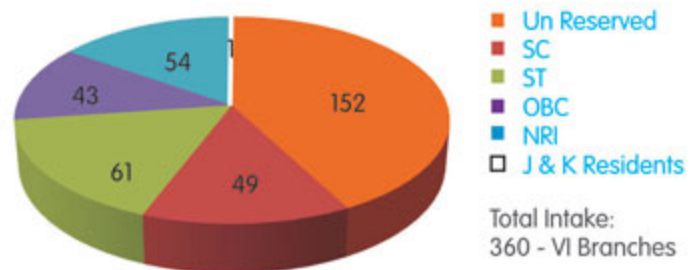
Seats for B.E.

Total Intake	General Seats				NRI Seats	J & K Residents
	UR	SC	ST	OBC		
360	152	49	61	43	54	1

The fee payable is as per directives of State Govt. / AICTE

Other Fee: Hostel fee and other fee payable as per the directives of State Govt. and R.G.P.V., Bhopal

Seats for B.E. Course



Master of Computer Application (MCA)

Hitkarini College of Engineering and Technology also offers a three-years course leading to Master's Degree in Computers Applications (M.C.A.) from Rajiv Gandhi Prodyogiki Vishwavidyalaya (R.G.P.V.) Bhopal.



The quota conversions for the seats would be as per the directives given in the Pre-MCA/MET Booklet 2009.

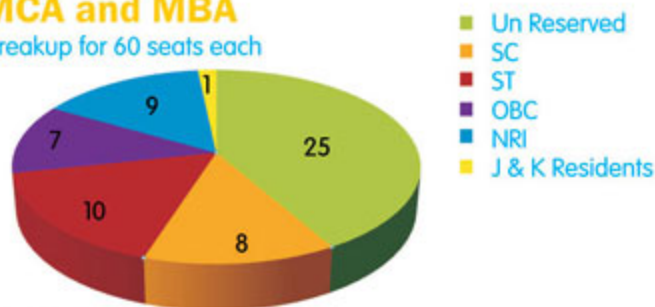
The fee payable is as per directives of the State Govt./AICTE/Director of Technical Education, Bhopal has allowed NRI/ Foreign Nationals/Persons of Indian Origin candidates or the admission to the first semester of three-year MCA PG Degree Course. For more details please refer Pre-MCA and MET Booklet 2009.

Master of Computer Application (MCA)

Admission to MCA course can be sought through the AIMC Entrance Test and Pre-MCA test conducted by Professional Examination Board (V.Y.A.P.M.), Bhopal. The seat of college has been divided into two categories as per Pre-MCA and MET 2009 Booklet. General Pool Seats are 85% and NRI Seats are 15%. These NRI seats will be converted to General Seats subject to the non-availability of NRI candidates. The general pool seats will be filled as per M.P. Govt. order no. F-7-2/96A.P./ dated 12th March 1997 and order no. F-7-16-200/A.P. dated 6th July 2000 Bhopal, reservations as per Govt norms are also implemented under SC, ST and OBC category. The details are available in Pre-MCA & MET 2009 Booklet.

Seats for MCA and MBA

breakup for 60 seats each



Seats for MCA

Total Intake	General Seats				NRI Seats	J & K Residents
	UR	SC	ST	OBC		
60	25	8	10	7	9	1

The fee payable is as per directives of State Govt. / AICTE

Other Fee: Hostel fee and other fee payable as per the directives of State Govt. and R.G.P.V., Bhopal

Seats for MBA

Total Intake	General Seats				NRI Seats	J & K Residents
	UR	SC	ST	OBC		
60	25	8	10	7	9	1

Procedure for Admission to MBA

Candidate seeking admission to two-years full time MBA course should be a graduate or a postgraduate in any discipline with at least 50% marks in aggregate of any registered Indian University or Foreign University or Institute recognized by concerned University as equivalent thereto. The graduation should be with three years of regular study after passing 12th Class Examination of 10+2 scheme or equivalent.

A final year student can appear in the Entrance Test on provisional basis. But such a candidate has to produce a certificate of having passed the Bachelor's or Master's Degree Examination with at least 50% marks at the time of admission. The admissions for the institute are governed by rules and regulations of Professional Examination Board, Govt of M.P.

The seats of college have been divided into two categories as per Pre-MCA and MET 2009 booklet. General Pool Seats are 85% and NRI Seats are 15%. These NRI seats will be converted to General Seats subject to the non-availability of NRI candidates. The general pool seats will be filled from this year as per M.P. Govt. order no. F-7-2/96A.P./1 dated 12th March 1997 and order no. F-7-16-2000/A.P./1 dated 6th July 2000 Bhopal, reservations as per Govt norms are also implemented under SC, ST and OBC category. The details are available in the Pre-MCA & MET 2009 booklet.

The quota conversions for the seats would be as per the directives given in the Pre-MCA/MET booklet 2009.

The fee payable is as per directives of the State Govt./AICTE/Director of Technical Education, Bhopal which has allowed NRI/ Foreign Nationals/Persons of Indian Origin candidates for the admission to the first semester of two-year MBA PG Degree Course.

The MBA Course is affiliated to R.D.V.V. Jabalpur and offers Dual Specialization in any of the two streams of Marketing / Finance / Human Resource / Information Technology. For more details please refer Pre-MCA and MET Booklet 2009.