

# INDIRA GANDHI TECHNOLOGICAL AND MEDICAL SCIENCES UNIVERSITY

ZIRO, ARUNACHAL PRADESH

**24 HOUR HELPLINE**

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A.N.M., G.N.M.,  
CERTIFICATE, DIPLOMA,  
POSTGRADUATE DIPLOMA,  
BACHELOR'S AND MASTER'S  
DEGREE LEVEL COURSES

# IGTAMSU PROSPECTUS 2019-2020



# INDIRA GANDHI TECHNOLOGICAL AND MEDICAL SCIENCES UNIVERSITY, ARUNACHAL PRADESH

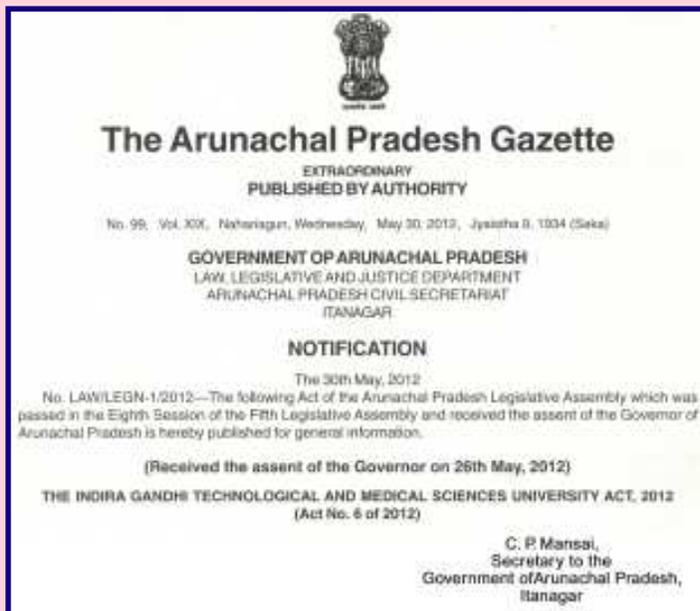
Established under the IGTAMSU Act 2012, Government of Arunachal Pradesh and Recognised by UGC, MHRD, Government of India

Headquarters : Ziro - 791120, Lower Subansiri District, Arunachal Pradesh

Website : igtamsu.ac.in • Website : wikipedia.net/igtamsu

## INTRODUCTION

The Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh established in the year 2012 at Ziro in the Lower Subansiri District under the provisions of the Indira Gandhi Technological and Medical Sciences University Act 2012 (Act 6 of 2012) was passed in the Eighth Session of the Fifth Legislative Assembly of Arunachal Pradesh and the same received the Assent of the Hon'ble Governor of Arunachal Pradesh on 26 May 2012. The Arunachal Pradesh Gazette (Extraordinary) No. 99, Vol. XIX dated 30 May 2012 published the Notification regarding the Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh. Presently the University is operating from its



own campus at the SSB Gate besides a few leased buildings for housing its offices, classrooms, laboratories, library, staff accommodation, hostel etc. Qualified faculty members have been appointed under the dynamic leadership of the Chancellor Dr. Markandey Rai, the Pro Chancellor Dr. Utkarsh Sharma and the Vice Chancellor Dr. Mridula Saikia Khanikor. The Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh has designed a masterplan paradigm for launching need based vocational and employment centric courses with the main objective of providing tertiary education to the young boys and girls from all over the country in general and from the State of Arunachal Pradesh in particular. For the current session i.e. 2019-2020, important programmes being launched include ANM, GNM, BA, MA, B.Com., M.Com. M.Sc., BSW, MSW, BBA, MBA, BPT, BNYS, B.Sc. (MLT), BA (Physical Education), MA (Physical Education), Certificate, Diploma and Post Graduate Diploma in Yoga and Naturopathy. The salient features of the programmes being conducted at the Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh are based on the hypothesis that skill based education is the most urgent requirement of our country viewing the fact that our country is in a position to produce maximum number of trained manpower for catering to the growing needs of not only India but all countries of the world. The Government of India has envisaged that at least 40 Crore trained and skilled manpower will be needed by the year 2022. In this connection it is important for the Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh to design action plans to ensure that this milestone of producing 40 crore skilled boys and girls is achieved by launching different short-term and long-term programmes also viewing the local situation and environment of Arunachal Pradesh. The Indira Gandhi Technological and Medical Sciences University, Ziro Arunachal Pradesh has accordingly planned to initiate decentralised training programmes in all the Districts of Arunachal Pradesh in a phased manner viewing the difficult terrain of the State. In the mean time, students from all the Districts of Arunachal Pradesh and the rest of the country are welcome to join the academic and the research programmes in order to optimise their knowledge and career.

## MESSAGE FROM THE CHANCELLOR Dr. MARKANDEY RAI

I have great pleasure in welcoming the prospective students contemplating to join the Indira Gandhi Technological and Medical Sciences University, Arunachal Pradesh, Ziro, Arunachal Pradesh in one of the vocational and job oriented courses being conducted by the University.



Everybody aware that if human society is to endure not for just another century but for thousands and thousands of years, one needs to learn a way of life that could be sustained by the Mother Earth. Human society must learn to control population size and develop more efficient technologies that produce as little harmful waste as possible. One must learn to rely on resources that are renewable. A society based on these ideas is called a sustainable society. Having a sustainable world is so profoundly different from the way one lives which cannot be imagined without a strenuous exercise of mind. Like human body the Mother Earth has its organs that adjust to changes - in climate, nutrient levels and other aspects of the environment to maintain its stability. Just as the human organism is made of trillions of cells and so is the world organism; each one of us is a cell of Gaia (Greek word for Mother Earth).

Changing our ways will be a colossal task which may involve arduous work but as an optimist we should view the third millennium with a cleaner and greener mind and pledge to work on new educational technologies as the answer to our polluted world by better treating our Mother Earth by not to rival nature but to cooperate with it and live in harmony.

One must guide the human race living in a historic transitional period of burgeoning awareness of the conflict between human activities and environmental constraints, preparing to venture into a new millennium and to finally help save the fragile and endangered planet with the natural resources already overtaxed and for developing a critical path to governance through modern ideas for reducing the toll exacted in supporting daily life and the ever growing problems on the earth exerting profound pressures on the environment.

Education is the largest single activity in the world, involving over 1000 million students and 50 million teachers at all levels, not counting millions of others in educational support activities. But its importance stems not merely from its size but also from its role as institutionalized knowledge - the principal repository, producer, disseminator and transmission belt of all forms of knowledge.

The most significant feature of education for mother earth protection in the 21<sup>st</sup> century is not so much what the French call *li explosion scolaire* but the knowledge explosion, which has expanded the catchment areas of learning so fast that it takes only a decade now for the state of the art in any field to become obsolete. Different modes of communicating for advancement of knowledge are fast changing and becoming more sophisticated. In this technological era knowledge can be dispensed technologically and electronically. Teachers and formal school structures are becoming less important, and the conventional age limits on the learning process are becoming blurred.

While implementing the plan for effective teaching, training and research at the Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh, the most important aspect is quality control and systems approach by stressing the need of quality methodology and systems making such tools compulsory for the faculty, support staff and students.

I accordingly look forward to meeting and working with the students joining this University.

## MESSAGE FROM PRO CHANCELLOR Dr. UTKARSH SHARMA

On behalf of the Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh, we are pleased to welcome all those interested in joining this University for acquiring knowledge and skills for vocationalising their careers.



As the human race has ventured to enter the third millennium, conversations and news reports are peppered with references to our fragile and endangered planet. The earth is five billion years old, and over the eons it has endured bombardment by meteors, abrupt shifts in its magnetic fields, dramatic realignment of its land masses, and the advance and retreat of massive ice mountains that reshaped its surface. Life, too, has proved resilient: In the more than three and a half billion years first forms of life emerged, biological species have come and gone, but life has persisted without interruption. In fact, no matter what we humans do, it is unlikely that we could suppress the powerful and chemical forces that drive the earth system.

Although we cannot completely disrupt the earth system, we do affect it significantly as we use energy and emit pollutants in our quest to provide food, shelter, and a host of other products for the world's growing population. We release chemicals that gnaw holes in the ozone shield that protects us from harmful ultraviolet radiation, and we burn fuels that emit heat-trapping gases that build up in the atmosphere. Our expanding numbers overtax the agricultural potential of the land. Tropical forests that are home for millions of biological species are cleared for agriculture, grazing, and logging. Raw materials are drawn from the earth to stoke the engines of the growing world economy, and we treat the atmosphere, land, and waters as receptacles for the wastes generated as we consume energy and goods in our everyday lives. Scientific evidence and theory indicate that as a result of such activities, the global environment is undergoing profound changes. In essence, we are conducting an uncontrolled experiment with the planet to the extent that we have come to a point of no return and we may face the disaster any time.

All of us are aware that India's Higher Education System is the third largest in the world, next to the United States of America and China. As of 2019, our country has 1000+ University level Institutions including all the Central, State, Deemed and Private Universities besides the Institutions of national importance.

Indian Higher Education is in need of radical reforms. A focus on enforcing higher standards of transparency, strengthening the vocational and doctoral education pipeline, and professionalisation of educational sector through stronger institutional responsibility would help in reprioritizing efforts and working around complexities. The rise of information technology and vocational education sector in India has boxed the students into linear path without giving them a chance to explore and discover their passions. Concerted and collaborative efforts are needed in broadening student choices through liberal education.

Our country is believed to have had a functioning of higher and tertiary education as early as 1000 BC. Unlike our present day universities, these ancient learning centres were primarily concerned with dispersing Vedic education. The modern Indian educational system finds its roots in colonial legacy. While our university has collaborated with many like-minded institutions, however, we try to maintain our independence and autonomy. We are overwhelmed to note that the students are finding a very friendly and homely environment at our university.

## MESSAGE FROM VICE CHANCELLOR Dr. MRIDULA SAKIA KHANIKOR

I am glad that I have been given this wonderful opportunity of joining the Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh in the capacity of the Vice Chancellor.



Lack of employment and scope of higher education in the North-Eastern States in general and in the State of Arunachal Pradesh in particular has driven the youth out of these States for better facilities and opportunities, and in most of the cases to frustration and anger over the state of affairs. In such a situation, our young minds are wielded with additional pressure to the already full cart of the hills, brimming with inter-ethnic and administrative problems creating an atmosphere of distrust, hatred and sectarianism. Hatred and separatist movements cannot be the solution to the problems of the 8 sister States in the North-East, there is an urgent need to having a long term and immediate measures for ensuring the participating of our youth in the local and the national besides global social and economic processes.

The main objective behind the establishment of the Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh is to ensure that the unemployable young boys and girls from the North-Eastern States in general and from Arunachal Pradesh in particular are given skill based and vocational training to become fully employable by providing them knowledge and quality skills.

The main focus regarding teaching and research at the Indira Gandhi Technological and Medical Sciences University is "student-centered learning", also known as learner-centered education, broadly encompassing methods of teaching that shift the focus of instruction from the teacher to the student. In original usage, student-centered learning aims to develop learner autonomy and independence by putting responsibility for the learning path in the hands of students by imparting them with skills and basis as to how to learn a specific subject and schemata required to measure up to the specific performance requirement. Student-centered instruction focuses on skills and practices that enable lifelong learning and independent problem-solving. Student-centered learning theory and practice are based on the constructivist learning theory that emphasizes the learner's critical role in constructing meaning from new information and prior experience.

This university stresses for the student-centered learning as this puts students' interests first, acknowledging student voice as central to the learning experience. In a student-centered learning space, students choose what they will learn, how they will learn, and how they will assess their own learning. This is in contrast to traditional education, also dubbed "teacher-centered learning", which situates the teacher as the primarily "active" role while students take a more "passive", receptive role. In a teacher-centered classroom, teachers choose what the students will learn, how the students will learn, and how the students will be assessed on their learning. In contrast, student-centered learning requires students to be active, responsible participants in their own learning and with their own pace of learning.

This university also believes in the principles and practices where "student-centered learning" refers to educational mindsets or instructional methods that recognize individual differences in learners. In this sense, student-centered learning emphasizes each student's interests, abilities, and learning styles, placing the teacher as a facilitator of learning for individuals rather than for the class as a whole. I wish all success to the students joining this university.

## ANM (AUXILIARY NURSING MIDWIFERY)

**Eligibility :** 10+2 in any discipline with at least 40% marks. The students belonging to Arunachal Pradesh and who have opted for English as a core subject at 10+2 level are only eligible to get admitted.

**Duration :** Two Years

**Tuition Fee :** Rs. 13,500 (Registration Fee) + Rs. 57,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

This course is fully residential and all admitted students are required to be in the Hostel.



## GNM (GENERAL NURSING & MIDWIFERY)

**Eligibility :** 10+2 with science subjects with at least 45% marks for the students belonging to Arunachal Pradesh and 50% marks for those belonging to other States. Students who have opted for English as a core subject at 10+2 level are only eligible to apply.

**Duration :** Three Years

**Tuition Fee :** Rs. 13,500 (Registration Fee) + Rs. 68,500 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

This course is fully residential and all admitted students are required to be in the Hostel.



## BA (BACHELOR OF ARTS)

**Eligibility :** 10+2 in any discipline.

**Duration :** Three Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 18,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing BA Degree will be eligible for admission to any of the Master's Degrees at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh. They may also prepare for any of the competitive examinations.



## B.COM. (BACHELOR OF COMMERCE)

**Eligibility :** 10+2 in any discipline.

**Duration :** Three Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 18,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing B.Com. Degree will be eligible for admission to any of the Master's Degrees at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh. They may also prepare for any of the competitive examinations.



## BSW (BACHELOR OF SOCIAL WORK)

**Eligibility :** 10+2 in any discipline.

**Duration :** Three Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 18,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing BSW Degree will be eligible for admission to any of the Master's Degrees including MSW at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh. They may also prepare for any of the competitive examinations.



## BBA (BACHELOR OF BUSINESS ADMINISTRATION)

**Eligibility :** 10+2 in any discipline.

**Duration :** Three Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 29,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing BBA Degree will be eligible for admission to any of the Master's Degrees including MBA Degree at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh. They may also prepare for any of the competitive examinations.



## B.Sc. (MEDICAL LABORATORY TECHNOLOGY)

**Eligibility :** 10+2 with Biology. Those who have secured 40% marks at 10+2 level are only eligible to apply.

**Duration :** Three Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 49,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing B.Sc. (MLT) Degree will be eligible for admission to any of the Master's Degrees at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh. They may also prepare for any of the competitive examinations.



## B.Sc. (MEDICAL LABORATORY TECHNOLOGY)-LATERAL ENTRY

**Eligibility :** Diploma in Medical Laboratory Technology duly recognised by any University or Government or Statutory Body.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 49,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing B.Sc. (MLT) Degree will be eligible for admission to any of the Master's Degrees at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh.



## BPT (BACHELOR OF PHYSIOTHERAPY)

**Eligibility :** 10+2 in Biology stream with 40% marks for SC/ST students and with 45% for general candidates are eligible to apply.

**Duration :** Four and a Half Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 54,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those completing BPT Degree will be eligible for admission to any of the Master's Degrees at Indira Gandhi Technological and Medical Sciences University, Ziro, Arunachal Pradesh.



## BNYS (BACHELOR OF NATUROPATHY AND YOGA SCIENCES)

**Eligibility :** 10+2 with Biology. Those who have secured 40% marks at 10+2 level are only eligible to apply.

**Duration :** Five and a Half Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 76,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those Completing BNYS Degree will be eligible for admission to any of the Master's Degrees.



## PG DIPLOMA IN YOGA AND NATUROPATHY

**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** One Year

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 35,000

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those Completing PG Diploma will be eligible for admission to the M.Sc. (Yoga and Naturopathy) in 2<sup>nd</sup> year.



## DIPLOMA IN YOGA AND NATUROPATHY

**Eligibility :** 10+2 in any discipline.

**Duration :** One Year

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 27,000

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit.

**Scope :** Those Completing Diploma in Yoga and Naturopathy may start Yoga Training Centres.



## CERTIFICATE IN YOGA AND NATUROPATHY

**Eligibility :** 10<sup>th</sup> Pass

**Duration :** Six Months

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 18,000

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those Completing Certificate in Yoga and Naturopathy may start Yoga Training Centres. Alternatively they may work as Yoga Trainers.



## BA (PHYSICAL EDUCATION)

**Eligibility :** 10+2 in any discipline

**Duration :** Three Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 18,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those Completing BA (Physical Education) will be eligible for admission to MA (Physical Education).



## MA (PHYSICAL EDUCATION)

**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 25,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Physical Education Teachers are required in all the Schools, Colleges and Universities.



## MA (MASTER OF ARTS) - POLITICAL SCIENCE, ECONOMICS, SOCIOLOGY, HINDI, ENGLISH

**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 25,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** There is a great demand for Master's Degree holders in Schools, Colleges and Universities.



## M.COM. (MASTER OF COMMERCE)

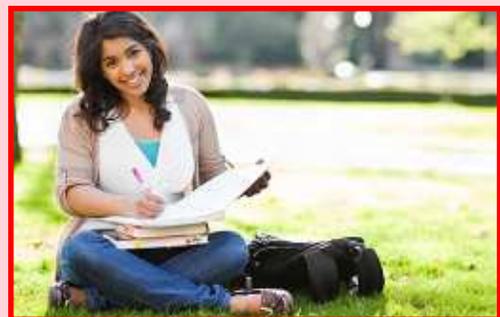
**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 25,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** There is a great demand for M.Com. Degree holders in Business, Government, Industry and elsewhere.



## MA (YOGA AND NATUROPATHY)

**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 25,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Yoga, Naturopathy and other treatments under AYUSH have been promoted by the Central and the State Governments. Accordingly such experts having Master's Degrees in Yoga and Naturopathy are in great demand. They can also practice as Yoga and Naturopathy Experts by establishing Yoga and Naturopathy Hospitals.



## MSW (MASTER OF SOCIAL WORK)

**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 25,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** The Social Work Sector is gathering momentum and there is a vast scope for establishing social, cultural, educational, scientific and voluntary organisations with a view to implementing action plans both in the rural as well as urban areas. Besides seeking jobs, Master's Degree holders of Social Work may become social entrepreneurs.



## MBA (MASTER OF BUSINESS ADMINISTRATION)

**Eligibility :** Bachelor's Degree in any discipline.

**Duration :** Two Years

**Tuition Fee :** Rs. 5,000 (Registration Fee) + Rs. 52,000 (Yearly Tuition Fee)

**Hostel Fee :** Rs. 64,000 per year + Rs. 1,000 Security Deposit

**Scope :** Those having MBA Degree are in great demand in India as well as in other countries for catering to the growing needs of business houses both in the public as well as in the private sector organisations. There is also a growing trend among MBAs for becoming job givers rather than job seekers by becoming entrepreneurial leaders.



