

दक्षिण बिहार केन्द्रीय विश्वविद्यालय

(केन्द्रीय विश्वविद्यालय अधिनियम, 2009 के अन्तर्गत स्थापित)

[पूर्व में बिहार केन्द्रीय विश्वविद्यालय, एवं केन्द्रीय विश्वविद्यालय (संशोधन) अधिनियम, 2014 के अंतर्गत परिवर्तित]

CENTRAL UNIVERSITY OF SOUTH BIHAR

(Established under the Central Universities Act, 2009)

[Formerly Central University of Bihar, and since changed under the Central Universities (Amendment) Act, 2014]



PROSPECTUS

2015



IMPORTANT DATES : Subject to change under unavoidable circumstances

1	Advertisement for Admission-2015	29th March 2015 (Sunday)
2	Availability of Application form (Online/Offline)	28th March 2015 (Saturday)
3	Option for payment by Bank Challan/NEFT available from	1st April 2015 (Wednesday)
4	Last date for submission of Online Application(s)	27th April 2015 (Monday)
5	Last date of receiving Offline Application(s)	30th April 2015 (Thursday)
6	Information about the status of Application	2nd May 2015 (Saturday)
7	Grievances, if any	6th & 7th May 2015 (Wednesday & Thursday)
8	Attending/Replying to the Grievances	9th & 10th May 2015 (Saturday & Sunday)
9	Final Status of the Application	14th May 2015 (Thursday)
10	Downloading of Hall Ticket	20th May 2015 (Wednesday) onwards
11	Date of CUSBET -2015 (Online Test)	30th & 31st May 2015 (Saturday & Sunday)
12	Results Announcement	04th June 2015 (Thursday)
13	Written Test /Group Discussion / Personal Interview / Admission (at Patna Campus)	15th to 20th June 2015 (Monday to Saturday)

Admission Committee for Central University of South Bihar Entrance Test – 2015

1. Prof. Mohammad Nehal, Registrar
2. Dr. Rizwanul Haque, Associate Professor & Head, Centre for Biological Sciences
3. Dr. Alok Kumar Gupta, Associate Professor & Head, Centre for Political Studies
4. Dr. C.L. Prabhavathi, Controller of Examinations – Convenor
5. Sh. Dheerendra Singh, Assistant – Secretarial Assistance

For any information on specific programme contact following concerned:

Department	Name	Contact No.	Department	Name	Contact No.	Department	Name	Contact No.
Mathematics	Dr. R.P. Singh	9576418533	Environmental Science	Dr. Pradhan P. Sarthi	8809081834	Sociology	Dr. Jitendra Ram	9546319718
Statistics	Prof. A.K. Sinha	9431877507	Communication & Media Studies	Dr. Kinshuk Pathak	9097723353	Psychology	Dr. Narshingh Kr.	9835832717
Computer Science	Dr. R. Rajesh	9006954816	Development Studies	Ms. Anju H. Bara	8298863335	English	Sh. Suresh Kurapati	9546337570
Biotechnology	Dr. Rizwanul Haque	8581800619	Pol. Science & Int. Relations	Dr. Alok Kr. Gupta	8986819079	Hindi	Dr. Kamlanand Jha	8521912909
Bioinformatics	Dr. Vijay Kr. Singh	7759854762	Economics	Dr. Abodh Kumar	9693582788	Education	Dr. Kaushal Kishore	9473294769
Life Science	Dr. Gautam Kumar	8294336691				Law	Dr. Pradip Kr. Das	9546380976

Admission Cell / Help Desk

Dr. (Smt.) C.L. Prabhavathi
Controller of Examinations (COE)
Telephone: 0612-2784114

Patna Campus

Sh. Dheerendra Singh
Assistant (Academic)
Tel: 0612- 2784113/2226538

Sh. Manoranjan Kumar
PA to COE
Tel: 0612- 2784114
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Gaya Campus

Sh. Satya Prakash
Deputy Registrar
Tel: 0631-222124
Mob. 7250528928

Sh. Gopal Pandey
Assistant (Academic)
Tel: 0631-222124

From the Vice-Chancellor's Desk

Central University of South Bihar (CUSB) (since changed) has walked into sixth year of its presence with a relatively strong community of students and teachers. The new campus is not far away from now, on 300 acres of land in a serene location in Panchanpur (Gaya), where the community of student-teacher-administrative staff would certainly find an ideal atmosphere of living, learning and maturing.



The higher education agenda in the country has re-routed itself to a yet more liberal path taking serious note of the multiplicity of the learners' community: the Choice Based Credit System (making disciplinary boundaries porous); the National Skill Qualification Framework (the biggest beneficiaries are the learners who can judge the relative value of a qualification at a particular level on the Framework and make informed decisions about their career progression path), are a few, worth mentioning. CUSB has sincerely adopted these far-reaching ideas for execution in view of the skills-based Knowledge Economy that has been gradually acquiring an overriding status. The learning processes cannot perhaps be secluded completely from the skills-market outcomes, and hence CUSB has been active in bridging the gaps between academia and industry in various forms. The introduction of vocational education in Arts and Crafts (B. Voc.) this year would add one more feather in CUSB's cap.

A prospective student, or whether you are a visitor, your interest is valued and appreciated. We would humbly state our commitments to delivering better teaching-learning atmosphere. Our libraries in both Patna and Gaya campus are well equipped with valuable collections of books, journals, e-books, e-journals as well as a unique search engine, and, to note, digitised course materials that are easily accessible from remote locations. The classrooms are e-friendly; the evaluation of the course by the teacher is a continuous process so as to allow the students to exhibit their best aptitude; not the least, the students themselves also turn out to be the incognito evaluators of the teaching and the course, which is an integral part of CUSB's education structure. We are sure that you would certainly recognize the value of the well-founded computer labs (with a large storehouse of latest software), in Patna and Gaya campus, and the wet / dry laboratories attached to various departmental programmes. 'Learning together' and 'Equal opportunities for all' – CUSB's motto – on the way exist to know, and to make known.

D. Banerjee

Prof. Debdas Banerjee

Central University of South Bihar at a glance

The Central University of South Bihar (CUSB) is one among the sixteen newly established Central Universities by the Government of India under the Central Universities Act, 2009 (section 25 of 2009). The University is currently located in two campuses: Patna Campus (Birla Institute of Technology, PO: B. V. College, Patna – 800 014); and, Gaya Campus (House No.- 16/13, Ward No. – 9A, New Area Bisar, Gaya - 823001). The permanent campus is coming up at Panchanpur, about 10 kms away from Gaya.

As stated in Section 5 of the Act, the objective of the University shall be:

“... to disseminate and advance knowledge by providing instructional and research facilities in such branches of learning as it may deem fit; to make special provisions for integrated courses in humanities, social sciences, and technology in its educational programmes; to take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research; to educate and train manpower for the development of the country; to establish linkages with industries for the promotion of science and technology; and to pay special attention to the improvement of the social and economic conditions and welfare of the people, their intellectual, academic and cultural development.”

In pursuance of its objectives and considering the emerging needs of the society the University has grown up through different academic programmes since its inception in 2009. It made a modest beginning by establishing the Centre for Development Studies under the School of Social Sciences and Policy, which offers a 2-year Master of Arts in Development Studies. In the following Academic Year 2010-11, University launched 5 more PG programmes in Biotechnology, Computer Science, Environmental Science, Mathematics and Statistics. Three more Master’s programmes namely, Bioinformatics, Communication & Media Studies and Psychology were added in the Academic Year 2011-12. In the Academic Year 2012-13, seven new Master’s programmes, namely, Life Science, Economics, English, Hindi, Political Science & International Relations, Sociology and MTech in Computer Science were offered. In 2013-14, 5-year Integrated BA.LLB (Hons) and BSc.LLB (Hons) and 4-Year Integrated BA.BEd and BSc.BEd programmes started. B.Voc in Arts and Crafts under the School of Vocational Studies is being launched from this session. The University has offered conducive environment with modest infrastructure support and innovative pedagogies to nurture the students. Integrated MPhil- PhD programme is being offered in the following Departments/Centres : Bioinformatics, Biotechnology, Computer Science, Development Studies, Economics, Environmental Science, Hindi, Life Science, Mathematics, Political Science & International Relations, Psychology and Statistics.

Salient Features of admission and the Academic Curriculum

1. The number of seats being limited, admission will be made on the basis of merit. Merit list will be drawn in accordance with the provisions of Admission Policy of the University.
2. No candidate shall be eligible to register for a fulltime programme of study if s/he is already registered for any full-time programme of study in this University or any other University/Institution or is in full time employment.
3. **Current Academic Programmes:** In the Academic Year 2015-16, Four-year Integrated Undergraduate Programmes, namely, BA.BEd, BSc.BEd, Five-year Integrated undergraduate BA.LLB (Hons), BSc.LLB (Hons), and sixteen PG Programmes, namely, MSc in Bioinformatics, Biotechnology, Computer Science, Environmental Science, Life Science, Mathematics, Statistics, MA in Communication & Media Studies, Development Studies, Economics, English, Hindi, Political Science & International Relations, Psychology and Sociology, MTech in Computer Science, and B.Voc in Arts & Crafts (new) shall be offered. The University is also going to take admission in 7 programmes in Integrated MPhil-PhD Programme.
4. **Schools and Centres/Departments:** On the recommendation of the Academic Council, the Executive Council of this University in its 2nd meeting held on January 9, 2010 approved the following 14 Schools:
 - 1) School of Mathematics, Statistics and Computer Science
 - 2) School of Physical and Chemical Sciences
 - 3) School of Earth, Biological and Environmental Sciences
 - 4) School of Technology
 - 5) School of Health Sciences
 - 6) School of Social Sciences and Policy
 - 7) School of Human Sciences
 - 8) School of Languages and Literature
 - 9) School of Media, Arts & Aesthetics
 - 10) School of Management
 - 11) School of Education
 - 12) School of Vocational Studies
 - 13) School of Law and Governance, and
 - 14) School of Agriculture and Development.
5. **Semester System:** Semester system is followed for all academic programmes to enlarge curricular space and encourage accelerated learning opportunities. This system further enhances ability to accommodate diverse choices that dynamic and motivated students may like to have. As per requirements of an academic programme, decisions regarding student-faculty contact hours during a semester in different programmes, developing the Credit system determining the quantum of learning, time-distribution on class room work, elements of participatory teaching-learning process, field-work, lab-work, and other curricular work are taken by the academic bodies of the University.

6. **Choice Based Credit System:** Choice Based Credits System (CBCS) has some unique features like enhanced learning opportunities, ability to match student's scholastic needs and aspirations, horizontal intra and inter School/Centre mobility of students, inter-institutional transferability of students, improvement in educational quality and excellence, flexibility for working students to complete the programme over an extended period of time, innovation and comparability of educational programmes across the country. CBCS will facilitate vertical integration of knowledge and holistic development.
7. **Evaluation System:** 'Continuous Internal Evaluation' is the central feature of the evaluation system of this University. A teacher who offers the course is the best person to assess performance of the students. However, there is an End-semester evaluation, and to ensure transparency, fair-play and accountability, appropriate mechanisms have been devised.
8. **Infrastructure and ambience:** All appropriate steps are taken to create and maintain infrastructure for quality teaching and research as per requirements.
9. **Psychological Counselling and Guidance Services:** Like physical health, mental health determines efficiency and productivity. Mental health is critically important for teaching-learning process, creativity, and congenial environment in academic institutions. The University adopts a forward looking approach and institutes psychological counselling and guidance services for students, faculty and employees. Innovative programmes like 'Crises Intervention Programmes' and 'Community Mental Health Programme' are planned to be developed. To facilitate learning, the motto of 'Learning Together' is encouraged and practiced.
10. **Governance:** The University has been evolving dynamic and transparent governance and need based capacity-building system. It is moving towards e-governance and continuous training of the personnel to make the University system 'user-friendly'. Thus, professional development of educational administrators is a necessary component for the capacity building of the University administration.
11. **Planning, Monitoring and Evaluation:** The Internal Quality Assurance Cell is to ensure progressive improvement in efficiency of the University administration. The Planning, Development and Monitoring Board (PDMB) with appropriate powers and functions is instituted as per the guidelines of the UGC.
12. **Admission and National Character:** UGC guidelines are followed in the University admission process. Efforts are made to have students from all over the country, and to achieve it admission test is conducted on an all India basis.
13. **Central University of South Bihar Entrance Test (CUSBET) 2015:** An on-line Entrance Test shall be conducted though out India at different centres for admission to the various programmes offered in the

University. The medium of the on-line test shall be English. For admission in to MA Hindi , there shall be written test and interview on a scheduled date in June 2015.

Library

Central University of South Bihar has developed a well-equipped central library in both the campuses (Patna and Gaya) to cater the information requirements of students and faculty for their academic accomplishments. The library has built a collection of more than 21,416 books (Patna and Gaya) to support academic curricula, teaching and research in various science and social science subjects. All the books are barcoded and are organized on shelves using Dewey Decimal Classification scheme. An Online Public Access Catalogue (OPAC) of library books along with a Digital Library is made available for students, faculties and officials on every computer in the University premises.

Journals and Databases

The library subscribes to 103 quality print journals and magazines of renowned publishers from across the world and more than 8,000 online journals. Being a member of *UGC-Infonet Digital Library Consortium*, more than 4000 e-journals are available to the library from *Springer, Taylor & Francis, Annual Reviews, Project Muse, Wiley-Blackwell, Oxford University Press, Cambridge University Press* and ScienceDirect's 10 subject collections from Elsevier Inc. Library also subscribes to various e-journals packages i.e. *IEEE (ASPP+ POP) from IEEE and ACM Digital Library Package from ACM, USA for Computer Science, PsycARTICLES from American Psychological Association (APA) for Psychological Sciences*. Besides, library also subscribes to many online databases, *Manupatra* - (full text database for Law), *MathSciNet* – a bibliographic database for mathematical sciences; *JSTOR* - full-text database mainly for social sciences, *Indiastat* – a statistical database for development studie; and, *JCCC* – a general purpose bibliographic database.

Library Services

The library is open from 9:00 am to 6:00 pm on all working days. Library services include circulation (issue/return) of books, Inter-Library Loan through DELNET, New Delhi, Current Awareness Service (CAS) for books and journals, photocopy etc. Using OPAC, users can search for availability of books in library, current status of books, due date of return, reserve/hold book, etc. Access to all electronic information resources is available for students, faculty and officials on their computer within the university premises. Recently, access to these resources has been extended through Virtual Private Network (VPN); faculty members can now access online resources from anywhere. This facility is proposed to be extended, in near future, to students as well.

Computer Laboratory

ICT Infrastructure

Computer system facilitates a common computational resource for the academic programmes as well as computing resources in the University. The computer lab provides a central computing facility to the students, teachers and staffs of the University for

their assignments, projects, dissertation and research related works. In computer lab, printing and scanning facilities are provided.

Internet & Intranet

Internet connectivity is provided under the scheme of National Mission on Education through Information and Communication Technology (NME-ICT) project of Government of India. All computers are connected through 1 Gbps Internet connectivity. The Intranet network, consisting of gigabyte Ethernet and OFC backbone provides connectivity to departments/centres, library, class rooms and administration. World class networking product of CISCO has been installed in campus network to provide stable and hassle free computing. All class rooms are equipped with multimedia projector, desktop computer with Internet access.

Resources

At present there are 349 high performance computers in the University. All computers are equipped with latest operating system and application software to cater to the academic needs. Computers are protected by firewall and reliable antivirus software against computer virus, malware and unauthorized access. University has licensed copies of software such SPSS, MATLAB, MINITAB, MS-Office, Adobe Creative Suite, QuarkXPress, Quick Heal Admin console, KOHA, Windows 7 Professional, Windows Server 2008 R, Red Hat Linux etc. The University has powerful online UPS to protect the computer and other sensitive devices from power fluctuation and surge.

E-Learning Tool (A-View)

Under the NME-ICT scheme, A-VIEW Classroom has been providing opportunity to connect several universities together and creates virtual world for students. It also acts as a Knowledge Café where students can discuss /chat about the lecture after the live class.

Website

A fully functional Website of the university has been developed. It is maintained and updated regularly. URL of website is www.cub.ac.in

E-mail Facility

The University has powerful email system with group mail IDs of student and faculty. Email Id at University website is provided to each student, faculty & staff.

Summer Internship

Classroom learning combined with field based practical knowledge and hands-on practice can make the learning outcomes more robust and holistic. Considering the indispensable role of practice based learning, the University has introduced Summer Internship for various programmes. Internship provides opportunities for students to gain experience in their field, determine interest in a particular career, create network of contacts, and in which they may gain course credits as well.

1. Summer Internship may generally be organized during the intervening period between the close of 2nd and beginning of 3rd semester and may have duration of up to eight weeks.
2. Students are encouraged to identify, approach and finalize the institution/supervisor (within India only) well in advance of Summer Internship, preferably on the recommendation of the Centre/Department.
3. In view of the University being in formative stage with limited facilities, certain financial assistance if required, may be provided from BPL family only and on submission of BPL certificate, in the form of reimbursement on production of payment receipt, certificate etc. upto a maximum of ₹ 5,000 only towards training /course fee including one-time to & fro non-AC sleeper class rail fare by shortest route. Fees will be reimbursed based on the confidential internship performance report from the organization. However, students availing financial assistance / scholarship under any other scheme for the Internship from any other organization/agency shall not be considered.
4. Student(s) attending summer internship must abide by the general norms and regulations of the host institution during the period.
5. Prior to leaving for and on coming back from internships, student(s) must report to the Course Coordinator/Head of the concerned Centre/Department in writing.
6. On successful completion of the Internship, student(s) must submit a copy of project report to the Course Coordinator/Head of the Centre/Department.
7. Data generated out of the project work during Internship will not be used for any other purpose except academic evaluation as per requirement of the course concerned.

Educational Tours

For educational tours organized as per the course requirements, University may provide financial assistance, if required, to students in the form of one-time to and fro non-AC sleeper class rail fair by the shortest route. For routes not connected by railways, travel assistance equal to the actual bus fare may be provided.

Hostel and Mess

Limited hostel and limited mess facilities for students are available at present. Separate hostels for boys and girls are maintained. A booklet containing Rules and Regulations regarding discipline and conduct in the University hostel and mess shall be given to the students at the time of admission.

Health Centre

The University health centre provides treatment on a nominal fee for ordinary disorders and ailments under the supervision of resident doctors.

Vidyarthi Mediciclaim Policy

Vidyarthi Mediciclaim for students is a unique policy of National Insurance Company designed to provide health and personal

accident cover to the students. All the students of the Central University of South Bihar are insured under this scheme whereby they are eligible for cashless treatment in authorized hospitals as well as for reimbursement of cost of treatment in other hospitals within the limit of ₹ 50,000.

Scholarship

A number of Scholarship schemes are available for deserving and needy students as given below:

1. Merit Scholarship to CUSBET/ Semester Toppers

The University offers performance based Merit Scholarship to CUSBET/ semester toppers under each programme in the University. Merit Scholarship @ ₹ 1,000 pm is awarded subject to minimum 75% class attendance in following semester.

2. Merit-cum-Means Scholarship

The University encourages and supports meritorious students who are in need of financial assistance to pursue their studies smoothly through merit-cum-means scholarship. The scholarship is awarded in the form of waiver of tuition fee, upto 20% of students in each programme.

3. GATE Scholarship

The University offers scholarship to its GATE qualified students admitted in MTech programme. GATE qualified students are provided AICTE scholarship (subject to extension of approval from AICTE for 2015-17 batch) as per guidelines of AICTE.

4. Earn While You Learn (EWYL) Scheme

EWYL is a unique scheme of the University aimed to encourage and support students to make them self-reliant and also develop better cooperation and leadership skills. Under the scheme, a student may be assigned a task for a maximum of 10 hours per week. This includes assistance in library, computer lab, laboratory, faculty, centre/department, office, Placement section and other specific requirements. Students are also provided with an experience certificate. Details in this regard may be obtained from the Academic section.

5. Attendance Based Merit Scholarship

An innovative scheme to increase classroom attendance is available for the students. Students achieving 100% attendance during a semester are provided book(s) of their choice/need or reimbursed up to ₹ 1,000 at once.

Admission Policy of the University

1. To decide policy matters on admission and to oversee the admission process, there is the 'University Admission Committee'. The Admission Committee may take appropriate steps for admission in various programmes.
2. To maintain national character in admission, a brief advertisement is published in the national daily

newspapers by the University, with an instruction that those interested should visit the University website.

3. The UGC guidelines and Government of India directives regarding reservations in admission are followed.
4. All shortlisted applicants, out of the online test (except for UG Programmes), shall have to appear in written test. The University Admission Committee decides the pattern and nature of the written test which may be followed by interview and/or group discussion, if required, for assessment of communication skills and general aptitude. The marks obtained in interview/GD, if conducted, shall also be accounted for computing the final merit list.
5. The fee structure for different programmes is devised by the Academic Council.
6. In the event of a student withdrawing admission, the issue of refund of tuition fee, etc. to student shall be decided in the light of MHRD circular and University policy.
7. Important dates related to the admission are announced by the University. The University shall have the right to cancel the application and admission of any candidate for wrongful submission of facts pertaining to qualifications, reservation and any other matters.
8. Any complaint or grievance regarding the admission may be made in writing to the University Admission Committee.

Reservation in Admissions

The University is co-educational and open to candidates from all over India. For all courses, 15 % seats are reserved for Scheduled Caste (SC), 7.5 % for Schedule Tribes (ST), 27 % for non-creamy layer OBC candidates. Besides, candidates belonging to differently abled category (i.e. visual handicapped, hearing impaired and orthopedically handicapped category), Kashmiri migrants, and wards of Defence Personnel are also entitled for supernumerary reservation of 1% each, i.e. in total 3%, as per UGC/GoI guidelines.

Committees

Following Committees are concerned with the Campus life:

1. Anti-Ragging Cell
2. Task Force for Women
3. Proctorial Board
4. Grievance Readressal Cell
5. Cultural Committee
6. Games & Sports Committee
7. Equal Opportunity Cell
8. Career Counselling & Placement Cell

**Academic Programmes offered in 2015-16 (at Gaya Campus)
Integrated Undergraduate Programmes**

Five-Year Integrated BA.LLB (Hons.) and BSc. LLB (Hons.)

S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
1.	BA.LLB (Hons)#	IBALLB	50	+2 or equivalent examination in any stream from any recognized Board/ University with at least 45% marks for General/OBC and 40% marks for SC / ST candidate.
2.	BSc.LLB (Hons)#	IBSLLB	24	+2 or equivalent examination in Science stream from any recognized Board/ University with at least 45% marks for General/OBC and 40% marks for SC / ST candidate.

Four-Year Integrated BA. BEd and BSc. BEd

S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
1.	BA. BEd*	IBABED	50 [@]	+2 or equivalent examination in any stream from any recognized Board/ University with at least 50% marks for General / OBC and 45% marks for SC / ST candidate.
2.	BSc. BEd*	IBSBED	24	+2 or equivalent examination in Science stream from any recognized Board/ University with at least 50% marks for General /OBC and 45% marks for SC / ST candidate.

[@]2 supernumerary seats for candidates who opt for Urdu language as a compulsory subject throughout the 4 year programme.

B. Voc (Arts & Crafts)

S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
1.	B.Voc (Arts & Crafts)	BVOCAC	20	+2 or equivalent examination in any stream from any recognized Board/ University.

Postgraduate Programmes

S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
1.	MA** Development Studies	MADVS	30	Bachelor Degree in any discipline with a minimum of 55% marks for General / OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
2.	MA Economics	MAECO	30	Bachelor Degree from a recognised university having Economics/Commerce as a subject (Hons./General) with a minimum of 55% marks for General / OBC candidates and 50% marks for SC/ST candidates. OR Bachelor Degree in any other subjects having Mathematics/ Statistics as a subject with at least 60% marks for General/OBC candidates and 55% marks for SC/ST candidates.
3.	MA Political Science & International Relations	MAPSC	30	Bachelor Degree in Arts/ Social Sciences / Humanities with a minimum of 50% marks for General / OBC candidates and 45% marks for SC/ST candidates in the qualifying degree.
4.	MA Sociology	MASOC	30	Bachelor Degree in any subject with a minimum of 50% marks for General / OBC candidates and 45% marks for SC/ST candidates in the qualifying degree.

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S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
5.	MA English	MAENG	30	Bachelor Degree in any discipline having English as a compulsory subject (Hons./ General) with a minimum of 50% marks for General / OBC candidates and 45% marks for SC/ST candidates in the qualifying degree.
6.	MA Hindi	MAHIN	30	Bachelor Degree in any discipline with a minimum of 50% marks for General / OBC candidates and 45% marks for SC/ST candidates in the qualifying degree.

Course under consideration of BCI * Letter of Intent received, pending final approval from NCTE ** Likely to be shifted to Gaya

Academic Programmes offered in 2015-16 (at Patna Campus)

Postgraduate Programmes

S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
1.	MSc Mathematics	MSMTH	26	Bachelor Degree with Mathematics/ Statistics but should have studied Mathematics as a subject in all the 3 years with a minimum of 55% marks for General / OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
2.	MSc Statistics	MSSTS	26	Bachelor Degree with Statistics/ Mathematics /Computer Science but must have studied both Mathematics and Statistics as subjects for at least 2 years with a minimum of 50 % marks for General / OBC candidates and 45% marks for SC/ST candidates in the qualifying degree.
3.	MSc Computer Science	MSCSC	26	Bachelor Degree in Science (CS/IT/Electronics with Mathematics) / BCA with a minimum of 55% marks for General /OBC candidates and 50% marks for SC/ST candidates in the qualifying degree and having Mathematics as a subject at 10+2 level.
4.	MTech Computer Science	MTCSC	18	B.E./B.Tech./B.Sc. Engg. (CS/IT/Electronics/Electronics and Communications) or M.Sc. (CS/IT/ Electronics) or MCA with 60% marks for General/OBC candidates and 55% marks for SC/ST candidates with a valid GATE score as well.
5.	MSc Life Science	MSLSC	24	Bachelor degree in any branch of Life Science (Botany, Zoology, Microbiology, Biochemistry, Bioscience, Biotechnology, Environmental Science, Agricultural Science) with a minimum of 55 % marks for General/OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
6.	MSc Biotechnology	MSBTN	24	Bachelor degree in Biotechnology or any branch of Life Science (Microbiology, Biochemistry, Bioscience, Environmental Science) having with a minimum of 55% marks for General/OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
7.	MSc Bioinformatics	MSBIS	26	Bachelor degree in Mathematics/ Physics/ Chemistry/Biological Science/ Computer Science/ Agricultural Science/ Pharmaceutical Science/Veterinary Science/ Medical Science with 55% marks for General/OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
8.	MSc Environmental Science	MSESC	24	B.Sc. in all basic sciences subjects such as Zoology, Botany, Physics, Chemistry, Life Sciences, Geology, Geography, Agricultural Science, Environmental Science and other allied subjects with 55% marks for SC/ST/PH-50%.
9.	MA Psychology	MAPSY	26	Bachelor Degree with Psychology/ Human Sciences/ Social Sciences/ Life Sciences/Medical Science/ Engineering with a minimum of 50% marks for General / OBC candidates and 45% marks for SC/ST candidates in the qualifying degree.
10.	MA Communication & Media Studies	MACMS	26	Bachelor Degree in any discipline with a minimum of 55% marks for General / OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.

Integrated MPhil-PhD Programme

Objective: Integrated MPhil-PhD programme aims to train the candidate as fully competent to pursuing research independently. The University shall offer research degree programmes leading to Master of Philosophy (MPhil) and Doctor of Philosophy (PhD).

Highlights of Integrated MPhil-PhD Programme

1. All India admission test;
2. Financial assistance of ₹ 5,000 per month to enrolled students during MPhil and ₹ 8,000 per month during PhD;
3. Taught courses for broad and sound theoretical knowledge in first two semesters with choice based credit system.
4. Sound training in research methodology;
5. Regular and full time research;
6. Maintain high standard of MPhil-PhD thesis work;
7. Development of competence in writing and communication of research;
8. Rigorous evaluation of the dissertation / thesis by external examiners.

S.No.	Programme	Programme Code	Intake (University reserves the right to reduce the number)	Eligibility
1.	Integrated MPhil-PhD in Life Science	IMPLSC	1	Master Degree in any branch of Life Science (Botany, Zoology, Microbiology, Biochemistry, Bioscience, Biotechnology, Environmental Science, Agricultural Science) with a minimum of 55% marks for General/OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
2.	Integrated MPhil-PhD in Biotechnology	IMPBTN	1	Master Degree in Biotechnology/Pharmaceuticals Science/Medical Science/Agricultural Science/any branch of Life Science(Microbiology, Biochemistry, Molecular Biology, Bioscience, Environmental Science) having with a minimum of 55% marks for General/OBC candidates and 50% marks for SC/ST candidates in the qualifying degree.
3.	Integrated MPhil-PhD in Bioinformatics	IMPBIS	2	Master Degree in Chemical Science/Biological Science/Computer Science/Computer Science/Agricultural Science/Pharmaceutical Science/Veterinary Science/Medical Science with 55% marks for General/OBC candidates with 50% marks for SC/ST candidates in the qualifying degree. Candidate having Masters degree in any of the above discipline with specialization in Bioinformatics or having Masters degree in Bioinformatics will be given preference.
4.	Integrated MPhil-PhD in Environmental Science	IMPEVS	1	M.Sc./M.Sc.(Tech) in Environmental Science, Physics, Chemistry, Zoology, Botany, Life Sciences, Geology, Geography, Geophysics, Earth Science, Agricultural Sciences and other allied subjects with 55% marks (50% for SC/ST category)
5.	Integrated MPhil-PhD in Statistics	IMPSTS	1	Master Degree in Statistics/ Applied Statistics/ Agricultural Statistics for admission to Integrated M.Phil-PhD programme is 55% marks (50% for SC/ST category)
6.	Integrated MPhil-PhD in Psychology	IMPPSY	2	Master Degree in Psychology with a minimum of 55% marks for General/OBC candidates and 50% for SC/ST candidates in the qualifying degree OR Behaviour organizational Psychology and Organizational.
7.	Integrated MPhil-PhD in Political Science & International Relations	IMPPSC	1	Master's degree in Political Science or International Relations with a minimum of 55% marks for General/OBC candidates and 50% for SC/ST candidates in the qualifying degree.

Thrust Area of Research for Integrated MPhil-PhD Programmes:

S.No.	Programmes	Thrust Area of Research
1.	Life Science	Genetic Engineering, Plant Physiology, Plant Molecular Biology, Immunology, Biochemistry, Protein Crystallography, Microbiology
2.	Bioinformatics	Molecular Modelling, Simulation and Computer Added Drug Design (CADD)
3.	Biotechnology	Neurobiology, Cancer Biology, Plant Biotechnology & Bioremediation, Infection Biology, Stem cell Biology & Immunology
4.	Environmental Science	Evolutionary and Population Ecology; Aquatic Biodiversity; Bio-control and Bio-Manipulation; Environmental Chemistry and Environmental Biotechnology, Monsoon Dynamics and Climate Change
5.	Statistics	Survey Sampling Theory and Methods, Distribution Theory, Statistical Quality Control, Reliability Theory, Stochastic Orders, Redundancy Allocations, Bayesian Statistical Analysis, Bayesian Statistical Modelling and Computing
6.	Psychology	Clinical Psychology, Health Psychology, Industrial Organizational Psychology and Organizational Behaviour
7.	Political Science & International Relations	International Relations and Politics; Geo-politics; Political Theory and Philosophy; Comparative Politics and Governance; Conflict and Peace

Procedure for Admission: The admission to the Integrated MPhil-PhD programme is based on All-India Admission Test/Interview conducted by the University. Students who have qualified in UGC-NET/SLET/GATE/Teacher Fellowship or MPhil degree holders are not exempted from appearing in the written test.

General Information for Admission/Entrance Test

1. Students shall be admitted in programmes following the Admission Policy of the University. Kindly follow the Prospectus and visit website for regular updates. All eligible candidates must report for the admission test to the respective test centre(s) on their own.
2. Admission to the programmes in this University shall be subject to applicant fulfilling the eligibility conditions. It is the applicant's responsibility to ensure that s/he fulfils the eligibility criteria for a particular programme as mentioned in CUSB Prospectus.
3. Applicant must have appeared in the final examination. Applicants awaiting results in the qualifying examination may also apply. However, their admission shall be subject to minimum eligibility marks in the qualifying examination and they may be allowed to seek admission only on production of their final year marksheet on or before the last date of admission.
4. Candidates should follow instructions from University website: www.cub.ac.in. Frequently Asked Questions (FAQs) are available on the CUSB website and also at last of this Prospectus.
5. Admission to the Central University of South Bihar is governed by the Central Educational Institutions (Reservation in Admission) Act.
6. High School level knowledge of Mathematics, Computer literacy and good communication skills in English language are desirable for all the Programmes.
7. Short-listed candidates based on Entrance Test scores, will be called for interview, etc.
8. Candidates expelled from any other Board/Institute/University or dismissed from Government service on disciplinary grounds and those who are known to have been involved in acts of crime and gross indiscipline or misconduct shall not be eligible for admission. The University may approach the police for verification in this regard. After the admission, if anybody found guilty in this regard shall have to quit the university.
9. Central University of South Bihar reserves the right to launch or drop any academic programme at any stage.
10. Medium of the Entrance Test is English, except for MA in Hindi.
11. Process of Admission

Entrance Test (Total Marks = 150)

(i) Objective (Online) Test for 2hrs with 100 Question (each question carries 1 mark) for UG, PG (except for MA in Hindi) and Integrated MPhil-PhD Programme:

- a. **Part - A:** Language Skill (5), General Awareness/ General Knowledge (10), Reasoning (10) and Mathematical aptitude (10) = 35 Marks
- b. **Part - B:** Subject Knowledge (65 Marks)
(for MA Hindi, written test and interview will be conducted at Patna campus)

(ii) Written test / Interview: For PG & MPhil - PhD,

- a. **Descriptive Test:** comprising subject related theoretical/descriptive questions/statement of purpose = 30 Marks
- b. **Interview** = 20 Marks
and, for UG Programme : Interview = 50 Marks

NOTES

1. The Prospectus 2015 supersedes earlier Prospectus/ Brochure and the contents of this and previous Prospectus/ Brochure cannot be produced for any legal purpose. All disputes, however, shall be subject to Patna High Court only.
2. The contents of the Prospectus may be changed as per administrative decision in future. Course contents may be revised as per decisions of the Academic Council/other bodies of this University.
3. Payment of Fees: - The finally selected candidates shall be required to pay fee as per **Annexure 'A' (enclosed at last of this Prospectus)**. In case, any student fails to deposit fees within the stipulated period, his/her admission shall stand cancelled and other candidates from the waiting list will be considered for admission purely on merit basis. Changes in fee structure will be subject to administrative decision of the University.
4. All admitted students shall have to submit Migration/ Transfer Certificate from their respective Universities/ Boards before the first End semester examination of this University.
5. In case, a student leaves the programme midway, his/her fee shall be refunded as applicable under the rules.
6. Refund of caution money (if due) shall be made by the University only after the declaration of final result of the programme. In case, a student fails to complete the programme within stipulated time, the caution money shall be refunded.
7. Regulations regarding admission and teaching-cum-evaluation as prescribed in the relevant Ordinance and also announced from time to time by the University, are to be strictly followed by the students.
8. Students are advised to regularly pay attention to the Notice Boards displayed at different places pertaining to academic matters.
9. As per the Supreme Court orders, ragging of any kind is banned within and outside the premises of this University. Any student found guilty of ragging and /or abetting ragging is liable to be punished appropriately as per rules of the University/UGC guidelines.
10. Students are expected to maintain excellent conduct inside and outside the University as well as in the hostels. They will be provided a copy of the University rules at the time of admission. Breach of University rules may result in disciplinary action including expulsion from the University, and the University reserves the right to make changes in the rules at any time, which will be notified to the students for their compliance.

Regulations for Teaching and Evaluation (Undergraduate/Postgraduate Programme)

1. The undergraduate and postgraduate programmes shall have 2 semesters each year. Some programmes may have winter / summer session. The total number of semesters in each of the programmes is as mentioned separately.

It may not be always possible to rigidly define teacher-student contact hours required for each credit. Generally, one credit is defined as contact 10 hours.

The medium of instruction is English for all the Programmes, except Indian Languages.

The change of programme after taking admission into one is permitted only once within 10 (ten) working days of the beginning of the session, but subject to (a) fulfilment of the minimum eligibility criterion of the desired programme; and, (b) availability of seats. The class attendance in the previous programme shall not be carried forward in the new programme, if admitted.
2. If a student repeats any semester, s/he shall not be counted in the total number of seats (as allotted by UATEC) to the programme in the particular academic year and are supernumerary seats. The aforesaid student needs to follow the syllabus that is in vogue in the regular semester, and be abided by the regulations laid down for that particular period of time, if any. The aforesaid student needs to repeat all of the courses in the semester with the current batch, with the prior permission of the Chairperson, UATEC, by applying through proper channel.
3. A Programme of study may require certain academic backgrounds to pursue the programme effectively. In such cases some course(s) without credit may be designed as foundation course to meet the purpose as part of the syllabus.
4. A student shall be liable for disciplinary action if s/he is found involved in any unfair means (as listed by the University) adopted during any of the examinations conducted by the University.
5. Any exceptional case such as that of a student who has otherwise fulfilled required attendance and continuous evaluation and not covered under these regulations may be referred to the Chair, UATEC for appropriate decision.

Class Attendance

6. A student is required to attend, in aggregate, at least 75% of the total number of classes held in the programme, in the specific semester, and at least 60% in any one of the courses in the programme in order to be eligible to appear in the End-semester examination.

7. Waiving of attendance-deficit up to a maximum of 10% is permissible in the following situations, on a case-to-case basis, by the Chair of the Academic Council.
 - (a) Representing CUSB in any inter-collegiate, inter-University, local, national or international events; (b) Participating in or organizing an activity of CUSB with prior permission of the Competent Authority; and, (c) Students requesting for condoning of 10% deficit from the required attendance on medical grounds shall submit the certificate of the Registered Medical Practitioner under whom s/he was treated for the said illness. In case of hospitalization, a discharge summary needs to be submitted. Extra / compensatory classes in respective course(s) need to be arranged by the Department / Centre [*such classes are required to be concluded at least a week before the examination is scheduled to begin*].
8. A student, however, shall not be allowed to appear at end-semester examination, if not covered under Sections 6 and 7. However, such a student shall be permitted to repeat the semester in the subsequent academic year on payment of full semester fees, provided s/he has secured at least overall attendance of 40% in the concerned semester, otherwise s/he shall have to leave the programme without claiming refund of any fees, and her/his admission shall be treated as cancelled.
12. Each course instructor(s) shall design the examination / evaluation system (Mid and End-semester examinations and continuous assessment) for the course s/he offers with the approval of the Department / Centre Committee (DC / CC). The DC / CC shall appoint one faculty member for moderation of question papers of Mid-semester and End-semester examinations, respectively. And, the same has to be put on record at the Office of the Controller of Examinations, before the examination begins.
13. Generally, each course shall be taught by one instructor / faculty, who shall maintain all the records related to attendance, teaching and evaluation in a systematic manner. In case, the faculty is assisted in teaching by other instructor(s) / faculty, the faculty (in-charge of the course) shall be responsible for coordinating teaching and evaluation, including award of final grade. Monthly records of attendance of students in each of the courses have to be submitted by the Head / Coordinator of the programme to the Office of the Controller of Examinations at least 15 days before the end semester examinations.
14. The DC / CC, constituted by the Chair, Academic Council, shall organize teaching of courses and propose four (4) names of External Members and one Member of DC / CC for the Board of Examiners (BoE) for the End-semester examination. The BoE shall be approved by the Chair, Academic Council. The BoE shall review, in particular, the quality of the questions, whether these cover the syllabus, and the level of markings (under-marking / over-marking) in the answer scripts. The BoE will ensure fairness of evaluation by going through the evaluated scripts / assignments, reports of internal / continuous assessment, etc. The BoE shall also conduct viva-voce / practical, if necessary, as required by the nature of the course. The evaluation / grades approved by the BoE shall be considered as final. The External Member(s) of BoE shall submit a Confidential Report to the Controller of Examinations.

Evaluation

9. There shall be continuous internal evaluation of the students' learning and performance by the instructor(s). Considering the nature of the course, the instructor(s) shall decide the mode of internal evaluation, which may include assignments, class tests, take-home tests, term paper(s), presentations, case studies, the Court Room Exercises (CRE), among others, besides Mid-semester, and End-semester examinations.
10. Evaluation pattern adopted for each course / paper of theory-intensive as well as practical-intensive programmes shall generally have point distribution as: Out of the total 100 points, Continuous evaluation shall be of 35 points, Mid-semester examination 15 points, and End-semester examination 50 points.
11. End-semester theory question paper shall include long and short questions (in terms of length of answers) and/or a limited number of objective-type questions, covering the entire syllabus. Further, duration of the Mid-semester and End-semester examinations shall be of one-hour and two-and-a-half hour's duration, respectively. The pattern of question paper / evaluation shall be announced to the students of the respective courses at the beginning of each semester.
15. The Board of Examiners shall consist of two External and one Internal Members, at least two of whom (one internal and one external) must be present to conduct the evaluation and finalize the assessment and submit it to the Controller of Examinations for declaration of the results.
16. A student of the programme may appeal to the Chair of the DC / CC regarding marking / Grade and attendance. The Chair of the DC / CC may, if necessary, call the meeting of the DC / CC and address the grievance. If the student is still aggrieved, s/he may appeal to the Board of Examiners (BOE) through the Controller of inations (COE). The decision of the BOE has to be accepted as final.

Grading

17. There shall be 10-point Scale Grade System starting with 4 and ending at 10. There shall be additional Grade 'F' with Grade Point 'zero'. A student obtained Grade 'F' in a course shall have to reappear in the examination of the said course. The following Grading System shall be used.

Grade	Grade Point	BABEd/ BSc.BEd	BA LLB/ BSc.LLB	M.A.	M.Sc. / M.Tech M.Phil / PhD.
A+	10	90 and above	85 and above	85 and above	90 and above
A	9	80 to <90	75 to <85	80 to <85	85 to <90
A-	8	70 to <80	65 to <75	70 to <80	75 to <85
B+	7	60 to < 70	60 to <65	60 to < 70	65 to <75
B	6	50 to <60	55 to < 60	55 to <60	60 to < 65
B-	5	40 to < 50	50 to < 55	50 to < 55	55 to < 60
C	4		45 to < 50	40 to < 50	45 to < 55
F	0	Less then 40	Less then 45	< 40	<45

18. There shall be a Semester Grade Points Average (SGPA) calculated for each semester on the basis of grades obtained in that semester. The SGPA for the j -th semester is calculated as:

$$SGPA_j = \frac{\sum_{i=1}^n m_i c_i}{\sum_{i=1}^n c_i}$$

where, n is the number of courses in the j^{th} semester, m_i denotes the numerical value of the grade obtained in the i^{th} course of the semester, c_i denotes the number of credit for the i^{th} course of the semester. For example, consider the numerical grade and credit of a student given in the following Table :

Course	I	II	III	IV	V	VI	VII
Credit	2	2	4	2	2	2	2
Numerical Grade	7	8	5	7	6	8	8

The SGPA for the j^{th} semester is calculated as :

$$\frac{7 \times 2 + 8 \times 2 + 5 \times 4 + 7 \times 2 + 6 \times 2 + 8 \times 2 + 8 \times 2}{2 + 2 + 4 + 2 + 2 + 2 + 2} = \frac{108}{16} = 6.75$$

The Cumulative Grade Point Average (CGPA) for 'k' semesters is given as:

$$CGPA = \frac{\sum_{j=1}^k (SGPA_j \times C_j)}{\sum_{j=1}^k C_j}$$

where C_j is the total number of credits in the j^{th} Semester.

Calculation of CGPA

Consider the SGPA's as obtained by a student in four semesters along with total number of credits in each semester, respectively, as given below :

Semester	First	Second	Third	Fourth
SGPA	6.75	6.00	8.12	7.62
Total Credit	16	20	18	16

$$CGPA = \frac{(6.75 \times 16) + (6.00 \times 20) + (8.12 \times 18) + (7.62 \times 16)}{16 + 20 + 18 + 16} = \frac{108+120+146.16+121.92}{70}$$

$$CGPA = \frac{496.06}{70} = 7.08$$

19. The Grade sheet of the students will show the Grades obtained in all the courses offered in each semester, grades/categories without numerical value (if applicable), the SGPA and the promotion status.
20. To be eligible for the award of Master's Degree in Social Sciences and Languages, a student must secure a minimum final Cumulative Grade Point Average (CGPA) of 4.0. For M. Sc. / BALLB and BSc LLB, it is 4.5. For M. Tech / M. Phil / Ph. D. / BSc. B Ed / BA B Ed degree, the minimum final CGPA must be 5.0.
21. To find percent equivalent to CGPA the following formula may be used: Percent = CGPA X 10.
22. Grades shown in the award sheet of a student without any numerical value are NA (Not Appeared) and SP (Satisfactory Performance) for course(s) extending beyond a semester such as project work.
(Satisfactory Performance) for course(s) extending beyond a semester such as project work.

Promotion to next semester

23. A Student shall be declared as 'Passed' and promoted to the next semester when s/he earns 'C' Grade [*'B-' in the case of BA B Ed / BSc B Ed*] or above in the last concluded semester examination, maintaining the spirit and pattern of semester system and covering the mandatory components, such as continuous evaluation, mid-term and end-term examinations in all the courses for which s/he was registered in the said semester.
24. A Student shall be deemed as 'Failed' in a semester when s/he gets below 'C' Grade [*'B-' in the case of BSc B Ed / BA B Ed*] in 50% or more of the courses offered in the semester, or does not appear in the examination to meet the requirements as per Sec. 10 above. Such students will be advised by the Board to repeat the semester on payment of semester fees. The student shall be allowed only once to repeat the semester. If s/he fails again, s/he requires withdrawing from the programme.
25. If a student fails to appear, or fails as such, in the End-semester examination only in 1 out of 4, or 2 out of 5 / 6 courses, 3 out of 7 / 8 courses, 4 out of 9 / 10 courses s/he will also be provisionally promoted to the next semester subject to the condition that s/he would appear for examination(s) in such course(s) one time only as and when the same is/are being held next time.
26. The re-examination of the backlog course(s) of each semester shall be conducted within 3 weeks of commencement of the following semester. And, the (provisional) results shall be announced within one week (subject to the ratification by the BOE when it meets next).
27. The backlog course(s) re-examination shall comprise of 50 points for each paper. The points scored by the candidate in the Continuous Evaluation for 35 points beside the Mid-semester examination for 15 points shall be carried forward.
28. If a student so desire may apply to the Controller of Examination through the concerned HOD (or, I/C) along with the fee of ₹ 100 only (in the form of a nationalized bank demand draft drawn in favour of "Central University of South Bihar", or in cash) for each course in which s/he wants to reappear.
29. A student who fails to qualify for promotion to the next semester even after re-examination (even in one paper) shall stand demoted to the previous semester and has to continue in the same during the next academic session, followed by successive semesters.
30. The Registration of a student for a Programme shall remain valid, provided s/he accomplishes the attendance requirement, for a period as per the following Chart:

Programme	Maximum Period
2-year P.G. Programme	4 Years
3-year U.G. Programme	5 Years
4-year U.G. Programme	6 Years
5-year U.G. Programme	7 Years

Course Evaluation by the Students

31. The University shall design a questionnaire covering various aspects of the courses for evaluation by the students, which shall be mandatorily filled up by the students at the end of teaching in each of the semesters, as and when it is announced. This is compulsory; otherwise the examination result of that student shall be withheld.

Regulation for Teaching and Evaluation (Integrated MPhil-PhD Programme)

M.Phil. Degree

1. A candidate enrolled for the integrated MPhil-PhD programme is required to complete the course work leading to M. Phil. degree. All students (except those with M. Phil. / M. Tech. degree) admitted in the integrated programme shall have to enrol for a total of 40 credits, of which
 - a) 8 credits are for taught courses in Semester-I and Semester-II, each.
 - b) 16 credits are assigned to MPhil dissertation.
 - c) The respective department / centre shall allocate the remaining 8 credits for literature review, seminar, laboratory work, conducting tutorial classes, evaluation of the candidate's presentation skills, and any other such components as decided by the Department / Centre, and to be evaluated in the first two semesters.
 - d) Out of the 16 credits allotted for the dissertation, 10 credits are for written dissertation evaluation, and the remaining 6 credits for the *viva voce*.
2. If a candidate is declared 'failed' following CGPA calculation at the end of 2nd Semester, his/her MPhil registration stands cancelled.
3. Submission and extension:
 - a. The M.Phil. Dissertation has to be submitted within twelve (12) months after completion of the course work.
 - b. Further extension of a maximum of six (6) months for submission of dissertation (on payment of requisite fees) is subject to the approval of the URDC on the recommendation of CC / DC / DRDC / CRDC / SRDC. After that, the registration stands cancelled.
4. Dissertation proposal has to be submitted to DC / CC within one month (three months in case of Ph.D.) of the commencement of the 2nd Semester. Thereafter, within two weeks the candidate is to present and defend the research proposal in the meeting of DRDC / CRDC. The latter shall suggest the supervisor, and co-supervisor, if any, and the same shall be forwarded to SRDC / URDC for approval.
5. The candidate has to present and defend the research work at least 15 days before the end of the 2nd semester, in the Centre / Department.
6. The M.Phil. Dissertation has to be submitted on or before the 1st week of the end-month of 4th Semester.

Evaluation

7. The MPhil dissertation submitted by the student shall be evaluated by the supervisor, one member of the faculty of the Department / Centre as recommended by CRDC /

DRDC, and one External examiner well-known for his/her scholarship and generally who has been working in national institution of repute and as approved by the SRDC / URDC. A seminar presentation is needed before the end of the 3rd semester, in which the work-in-progress shall be reviewed by DRDC / CRDC.

8. Based on the examiners' reports, the candidate shall be called to appear in the *viva voce* and to give public defence of his/her dissertation.
9. In the *viva voce* the candidate has to prove that the dissertation is his/her own work. Failing which, the registration stands cancelled.
10. *Viva Voce*: The Board shall include:

Chairperson	: Dean of the School / Co-ordinator of CRDC or DRDC / Chairman of URDC or his/her nominee;
Members	: One external Expert, preferably who evaluated the thesis; One faculty member from cognate discipline/school to be nominated by the Vice-Chancellor; and, the Supervisor.
11. The M.Phil. Degree is awarded to the candidate on the basis of:
 - a) the completion of and satisfactory performance (meaning, CGPA Grade not below 'B' for SC / ST / PH, and 'B+' for other candidates) in the course work during the first two semesters;
 - b) the report of the examiners; and,
 - c) successful completion of the *viva voce* examination.

Ph.D. Degree

12. If the student of the MPhil-PhD integrated programme who has secured at least Grade 'B+' (for General) or 'B' (for SC / ST / PH) in the MPhil course work, and successfully completed the MPhil dissertation by the 3rd semester, and is willing to pursue the PhD programme of this University s/he may apply for admission in Ph.D. in the 4th semester. A student who is registered for Integrated M.Phil-PhD Programme with M.Tech Degree can register directly for PhD in the 3rd Semester provided s/he completed 1st and 2nd Semester with CGPA 'B+' (for General Category) or 'B' (for SC/ST/PH Category).
13. Research proposal has to be submitted to CRDC / DRCC at the time of admission to the programme. Thereafter, the candidate has to formally defend the proposal in the meeting of DC / DC.
14. The Ph.D. candidate may have to undertake additional non-credit taught courses, if the supervisor advised so.
15. Registration for Ph.D. shall be granted on the basis of the research proposal of the candidate and the recommendation of SRDC / CRDC / DRDC to URDC. The candidate has to give a registration seminar.
16. Ph.D. registration shall remain valid for five years. However, in exceptional cases only, it may be extended by the URDC for a limited period, with requisite fees.
17. Minimum period for submission of Ph.D. thesis shall be two years from the date of Ph.D. registration.

18. Where a candidate is holding MTech / MPhil degree from other university (recognised by UGC) and admitted to this University for Ph.D. through the admission procedure as laid down by SRDC / URDC may be allowed to carry forward the credits earned in the course work in the previous university, fully or partly, subject to approval by UATEC.
19. Supervisor:
- The supervisor of a candidate shall be decided by the DRDC / CRDC in consultation with all eligible supervisors. Each of the eligible-to-supervise faculty members shall have a specified (as decided by URDC) numbers of MPhil / PhD candidates for supervision. The candidate's area of research shall be given importance in the selection of the supervisor. The candidate is not allowed to select the supervisor; s/he however may propose the name. SRDC / URDC may also decide on assigning the tasks of supervision to more-than-one faculty.
 - In exceptional case, a student may have one co-supervisor provided the thesis topic requires multiple domains of knowledge for guidance or in case the supervisor has gone on long leave / superannuated / resigned. The decision in this regard shall be taken by SRDC / URDC.
 - At any point of time, URDC / SRDC is authorised to change the supervisor(s) of a candidate.
20. The minimum residential period shall be 18 months (after admission to the PhD programme). The candidate may be permitted to be on-leave from the Department / Centre for a maximum of 30 (thirty) days per year which cannot be carried forward to next year. If they are permitted to attend any programme with the approval of the Competent Authority that period of absence shall not be treated as leave.
21. The candidate in the presence of CC / DC is required to present the work-in-progress of his/her research in each year prior to final submission.
22. At least three months before the final submission of the thesis, the candidate shall make an open presentation in the CRDC / DRDC, which shall remain open to all faculty members and research students.
23. Each Ph.D. candidate shall publish at least one research paper in a peer reviewed Indexed Journal before the submission of the thesis for adjudication, and produce evidence on the same to CRDC / DRDC, in the form of a letter of acceptance, or the reprint of the paper. Without the latter, the submission of thesis by the candidate for examination is not permissible.
24. If the candidate finds any difficulties in submitting the thesis after fulfilling all the formalities, s/he may approach the Dean of the School / SRDC / DRDC.
25. The thesis is to be written in English, in general, except in the School of Languages. However, exceptional cases may be examined by the Academic Council.
26. The thesis submitted by the Ph.D. student shall be evaluated by three (3) experts (not below the rank of Associate Professor) who are well known for their scholarship and generally have been working in national institutions of repute. A foreign examiner may also be included by URDC, depending on the subject area of research.
27. On receipt of examiners' positive reports, the candidate shall be called for viva voce, open-to-all.
28. If the thesis is rejected, citing sufficient grounds, of course, by one of the examiners, the Vice-Chancellor / URDC may decide to refer the thesis to a fourth examiner, who was not in the original list of examiners.
29. If the thesis is again rejected, the matter shall be decided by the URDC and the Academic Council
30. If any of the examiners of a thesis suggest revisions and re-submission, the candidate has to do so and re-submit the thesis within next six months for re-examination by the said examiner.
31. *Viva Voce*: The *viva voce* Board shall include :
- Chairperson : Dean of the School / Chairperson of SRC / Chairperson of URDC or his/her nominee
- Members : Supervisor;
One of the external examiners of the thesis;
One Professor / Associate Professor from cognate discipline in the University, to be nominated by the Vice-Chancellor.
32. All the members of the committee (except the external examiner) shall receive copies of the reports of the Examiners at least a week before *viva voce*.
33. Award of Ph.D. degree: The award of the Ph.D. degree is made on the basis of :
- satisfactory performance in the course work as advised to take ;
 - the publication, based on the thesis;
 - the thesis, that exhibits the candidate's expertise in the chosen field of investigation as per the reports of the examiners. The thesis shall be the evidence of original research work characterized by either discovery of new facts, or a new interpretation of known facts and theory, or an independent design and development, or development of new instrument / technology; and,
 - viva voce* performance.
34. Notwithstanding any of the above, on the recommendations of the appropriate bodies, depending on the merit of the case the Chairperson, Academic Council is the Competent Authority to take appropriate decision.
- Schools, Centres / Departments and Academic Programmes**
- Till now, eight Schools namely, School of Mathematics, Statistics & Computer Science; School of Earth, Biological & Environmental Sciences; School of Social Sciences & Policy; School of Human Sciences; School of Media, Arts & Aesthetics; School of Languages and Literature, School of Education, and School of Law and Governance are active with various postgraduate and undergraduate programmes. New School, namely School of Vocational Studies becomes active from this academic year.

1. School of Mathematics, Statistics and Computer Science

Mathematics, Statistics and Computer Science have played a very important role in building up modern civilization by perfecting all sciences. The vision of the School is to provide quality education and to undertake and support the interdisciplinary research through interaction between Mathematics, Statistics and Computer Science and also with other domains of knowledge. It consists of three departments namely, the Department of Mathematics, the Department of Statistics and the Department of Computer Science. Setting a novel trend of interdisciplinarity, the three departments under the School are not only educating and training their respective students but also help other disciplines in their regular as well as special courses by providing relevant skill to solve academic and technical issues.

1.1 Department of Mathematics

The Department of Mathematics (DMTH) was started with the objective of producing trained manpower for undertaking research and teaching in Mathematics and allied branches of basic and applied sciences. The Department is committed to impart high quality education in Mathematics and currently offers a Master's programme, Integrated MPhil-PhD programme and a 4-year Integrated BSc.BEd degree programme with Mathematics as one of the course. The Department also supports other departments by offering core and advanced courses in Mathematics. The department has a computer laboratory and all necessary computation facility needed for Mathematics.

1.1.1 Integrated MPhil-PhD Programme in Mathematics

The aim of the PhD programme is to produce students with high quality research capability and independent thinking in various areas of Mathematics. The MPhil programme is a three semester programme from which the students would upgrade to doctoral programme after successful completion of the MPhil course work. The course work of MPhil-PhD programme is designed to develop understanding of foundational topics of Mathematics and a thorough understanding of one major field of interest.

1.1.2 MSc Mathematics

The two-year (four semesters) postgraduate Programme aimed to train the student in all the basic fields of Mathematics so as to develop in him/her skill for creative thinking, understanding fundamental concepts of the subject, problem solving and for achieving professional competence in Mathematics. The courses have been designed in such a way that the student will be able to learn the subject in a systematic and methodical manner under the able guidance of the faculty and general environment of the university. There are numerous avenues available to the student after the successful completion of the course. With the wide spectrum of elective courses in the 3rd and 4th semesters a student can opt for a career in research/teaching/industry. The programme has following features:

- A balanced blend of foundational, core and specialized courses.
- Ample scope for enhanced interactive teaching in view of the relatively small student teacher ratio.
- Extensive choice of elective courses enabling the student to specialize into various existing and emerging streams of Pure and Applied Mathematics.
- Option to choose some of the open elective courses offered by sister departments such as Statistics and Computer Science.

List of Courses in MSc Mathematics (76 Credits)

Course Code	Course Title	Credits
Semester – I		
MTH 501	Real Analysis-I*	4
MTH 502	Linear Algebra*	4
MTH 503	Discrete Mathematics*	4
MTH 504	Ordinary Differential Equations	4
MTH 505	Programming in C and Applications	4
Total		20
Semester – II		
MTH 551	Complex Analysis	4
MTH 552	Real Analysis-II	4
MTH 553	Algebra	4
MTH 554	Topology	4
MTH 555	Partial Differential Equation and Fourier Analysis	4
Total		20
Semester – III		
MTH 601	Functional Analysis	4
MTH 602	Differential Geometry	4
MTH 603	Measure and Integration	4
MTH ***	Elective I	4
MTH ***	Elective II	4
Total		20
Semester – IV		
MTH ***	Elective I	4
MTH ***	Elective II	4
MTH ***	Elective III	4
MTH ***	Elective IV	4
Total		16
Elective Basket		
MTH 604	Galois Theory	4
MTH 605	Group Theory	4
MTH 606	Graph Theory*	4
MTH 607	Operations Research*	4
MTH 608	Calculus of Variations and Integral Equations	4
MTH 609	Harmonic Analysis I	4
MTH 610	Algebraic Topology	4
MTH 611	Differential Topology	4
MTH 612	Commutative Algebra	4
MTH 613	Fluid Mechanics	4
MTH 614	Algebraic Number Theory	4
MTH 615	Ring Theory	4
MTH 616	Lie Algebras	4
MTH 617	Operator Theory	4
MTH 618	Cryptography*	4
MTH 619	Homological Algebra	4
MTH 620	Representation Theory of Finite Groups	4
MTH 621	Differential Manifolds	4
MTH 622	Theory of Computation*	4
MTH 623	Numerical Analysis	4
MTH 624	Mechanics	4
MTH 625	Number Theory*	4
MTH 626	Number Theory and Cryptography*	4
MTH 627	Introduction to Finite Fields and Coding theory	4

Note: * Open courses for Computer Science and Statistics Departments.

1.2 Department of Statistics

The Department of Statistics (DSTS) is committed to provide a vibrant and creative learning environment to students willing to make a career in the field of core and interdisciplinary statistics. The academic activities of the Department emphasize deep understanding of fundamental concepts and development of the analytical ability to solve problems which are interdisciplinary in nature. It also encourages its students to engage in extra-curricular and co-curricular activities, essential for development, nurturing of team spirit and developing organizational skills.

Classroom teaching of the Department is supported by tutorials and continuous evaluation system is followed to assess the progress of the students. Small teacher - student ratio ensures individual attention to each student. There is a well-equipped computer laboratory with high speed Internet connection and softwares SPSS/R/MATLAB to work with. There are as many as 50 computer terminals to facilitate the computational requirements. Both Windows and Linux OS are available. After successful completion of the course, the students can move forward for a career in research / teaching / industry.

1.2.1 Integrated MPhil - PhD Programme in Statistics

The Integrated MPhil-PhD programme of the Department of Statistics aims at imparting training as well as arousing interest of students to undertake the development of statistical theory and methods, and to find out new applications of the available statistical techniques to solve real problems of interest. While doing PhD related work, they are required to contribute to statistical knowledge that includes both theoretical developments as well as analytical competence. They are supposed to develop the computational capability to handle large data sets. After completion of the degree, they are expected to serve Government and non-Government organizations, academic institutions, etc. where they could use their improved statistical knowledge to take better decisions based on analytical investigations.

1.2.2 MSc Statistics

The two-year (four semesters) postgraduate Programme aimed at training students in theoretical and applied aspects of Statistics with due emphasis on the computational aspects. The students undergoing the programme are trained in the applied fields like Biostatistics, Econometrics and Financial Statistics. A student undergoing this programme may also opt for electives offered by the sister departments namely, Department of Mathematics and Department of Computer Science depending upon his/her interest and aptitude.

The present era is referred to as the quantification age where large data sets are available in almost all areas of interest and these are analysed to draw information to arrive at a decision. This kind of work could be performed only by those who are well-trained in statistical methods and analytical skills. In area of business too, business analytics stresses on developing new insights and understanding of business performance based on data and statistical methods. In fact, this area makes extensive use of data, statistical and quantitative analysis, explanatory and predictive modelling to develop decision making. Keeping in view of these scenarios a new elective paper i.e., 'Business Analytics' has been added.

List of Courses in MSc Statistics (80 Credits)

Course Code	Course Title	Credits
Semester – I		
STS 501	Real Analysis and Linear Algebra	4
STS 502	Probability and Distribution Theory	4
STS 503	Statistical Inference-I	4
STS 504	Operations Research	4
STS 505	Statistical Computing	4
Total		20
Semester - II		
STS 551	Survey Sampling	4
STS 552	Linear Model and Regression Analysis	4
STS 553	Measure Theory and Probability	4
STS 554	Demography	3
STS 555	National Development Statistics	3
STS 556	Lab – I (Using Statistical Software)	2
Total		20
Semester - III		
STS 601	Multivariate Analysis	4
STS 602	Statistical Inference - II	4
STS 603	Order Statistics and Non Parametric Test	3
STS 604	Survival Analysis	3
STS 605	Statistical Process and Quality Control	3
STS 606	Project	2
STS 607	Lab-II (Using Statistical Software)	2
Total		21
Semester - IV		
STS 651	Design of Experiments	4
STS 652	Stochastic Processes	3
STS 653-659	Elective Paper-I	4
STS 653-659	Elective Paper-II	4
STS660	Project	2
STS 661	Lab-III (Using Statistical Software)	2
Total		19
Elective Basket		
STS 653	Business Analytics	4
STS 654	Categorical and Directional Data Analysis	4
STS 655	Econometrics	4
STS 656	Life Contingencies	4
STS 657	Spatial Data Analysis	4
STS 658	Statistics in Finance	4
STS 659	Bio Statistics	4
STS 660	Life Testing and Reliability Inference	4

Notes:

1. Lab work will be based on the theory papers covered during the respective semester.
2. The courses STS 554 (Demography), STS 655(Econometrics), and STS 658 (Statistics in Finance) are open for M.A. students of the Centre for Development Studies and the Centre for Economic Studies and Policy.
3. The course STS 502 (Probability and Distribution Theory) is open for MSc students of the Department of Computer Science.

1.3 Department of Computer Science

The Department of Computer Science (DCS) is offering integrated M.Phil.-Ph.D and two Master Programmes namely, M. Sc. (Computer Science) & M. Tech. (Computer Science). It aims at providing opportunities for global excellence and local relevance in research, teaching and technology development. The department also offers several attractive training and workshop programmes along with industry tie up according to the market need.

Computer Science Laboratory

Department of Computer Science is having well equipped air-conditioned lab with high end computers with all required software including servers to provide computing facilities to the students. The department has a dedicated network printer for providing printing and scanning facility as well. The department have Tablets and Android mobile phones for development of android based applications.

1.3.1 Integrated MPhil-PhD in Computer Science

The Department of Computer Science also offers integrated MPhil-PhD programme in Computer Science. The thrust areas of research includes Software Engineering, Operating Systems, Image Processing and Computational Intelligence. The Department has also expertise in the field of data mining, computer networks, speech processing, social networks, etc.

1.3.2 MSc Computer Science

The two-year (four semesters) postgraduate Programme lays emphasis on the theoretical concepts as well as on practical experience and industry interaction. The exercises/assignments/projects given to them help the students to become an independent quality professional and researcher. The programme has the following salient features:

- Designed to take students through rigorous ground-work for taking up research, or coming out industry ready.
- Sound foundation in the fundamentals of Computing, Mathematical and Statistical sciences.
- Ample technology orientation via laboratory-intensive courses.
- Rich (open) elective course basket providing plenty of space for inter-disciplinarity required by several emerging areas.

List of Courses in MSc Computer Science (72 Credits)

Course Code	Course Title	L-T-P	Credits
Semester - I			
CSC501	Operating Systems	3-1-0	4
CSC502	Computer Organization	3-1-0	4
CSC503	Data Structure & Algorithms (Using C)	3-0-3	4
CSC504	Discrete Mathematics	3-1-0	4
Foundation Course	Communication Skill	2-0-1	Pass/Fail
Total			16
Semester - II			
CSC551	Database Management Systems	3-0-3	4
CSC552	Object Oriented Programming Methodology	3-0-3	4
CSC553	Theory of Computation	3-1-0	4
CSC554	Software Engineering	3-1-0	4
CSC555	Design & Analysis of Algorithms	3-1-0	4
Total			20
Summer Training		Pass/Fail	
Semester- III			
CSC601	Computer Networks	3-0-3	4
CSC602	Data Mining	3-1-0	4
CSC603	Computer Graphics & Multimedia	3-0-3	4
CSC604-623	Elective -1		4
CSC604-623	Elective -2		4
Total			20
Semester - IV			
CSC651	Project in Industry/Institute		16
Total			16
List of Electives for M.Sc. Computer Science			
Course Code	Course Title	Credits	
CSC604	Pattern Recognition	4	
CSC605	Wireless networks	4	
CSC606	Distributed computing	4	
CSC607	Web Technology and Web Programming	4	
CSC608	Compiler Design	4	
CSC609	Applied Stochastic Process	4	
CSC610	Cryptography & Network Security	4	
CSC611	Image Processing	4	
CSC612	New Paradigm in Computing	4	
CSC613	Computational Biology	4	
CSC614	Soft Computing	4	
CSC615	Financial Data Analysis and Computing	4	
CSC616	Information Retrieval	4	
CSC617	Natural language Processing	4	
CSC618	Computational Geometry	4	
CSC619	Mobile Computing	4	
CSC620	Software Project Managements	4	
CSC621	Statistical Methods	4	
CSC622	Artificial Intelligence	4	
CSC623	Operations Research	4	

1.3.3 MTech in Computer Science

The two-year (four semesters) MTech Programme in Computer Science is planned to meet the need of industry as well as research and academics. The MTech programme lets students do a number of specialized courses, as well as lets them explore their research and development skills through project work. Course design of MTech in Computer Science balances core courses, electives and a dissertation, catering to both CS and non-CS background students.

The department trains the MTech students to grow into highly sought-after trained personnel for industry jobs as well as motivates them to take up research as a career in Computer Science. Workshop and expert lectures are conducted to enhance the research skills as well as soft skills of the students.

List of Courses in MTech in Computer Science (74 Credits)

Course Code	Course Title	Credits
Semester - I		
CSC701	Modelling & Simulation	4
CSC702	Advance Data Structures and Algorithms	4
CSC703	Advanced Software Engineering	4
CSC704-724	Elective -1	4
CSC704-724	Elective -2	4
Total		20
Semester - II		
CSC751	Research Methodology	4
CSC752	Distributed Systems	4
CSC753	Advanced Computer Networks	4
CSC704-724	Elective – 3	4
CSC704-724	Elective - 4	4
CSC754	Seminar	2
Total		22
Semester - III		
CSC801	Dissertation (Continued in 4th Semester)	16
Total		16
Semester - IV		
CSC802	Dissertation	16
Total		16
Elective Basket		
CSC704	Internet Technologies	4
CSC705	Mobile Network Systems	4
CSC706	Wireless Sensor Networks	4
CSC707	Next Generation Network	4
CSC708	Cryptography & Network Security	4
CSC709	Artificial Intelligence	4
CSC710	Machine Learning	4
CSC711	Data Mining	4
CSC712	Natural Language Processing	4
CSC713	Information Retrieval	4
CSC714	Compiler Design	4
CSC715	Nature Inspired Computing Methods	4
CSC716	Software Testing	4

Course Code	Course Title	Credits
CSC717	Software Project Management	4
CSC718	Operational Research	4
CSC719	Speech Processing and Recognition	4
CSC720	Digital Signal Processing	4
CSC721	Digital Image Processing	4
CSC722	Advanced Computer Architecture	4
CSC723	Complexity and Computability Theory	4
CSC724	Mathematical Logic	4

2. School of Earth, Biological and Environmental Sciences

2.1 Centre for Biological Sciences

The Centre for Biological Sciences (CBS) is currently offering integrated M.Phil-Ph.D. and Master's level Programmes in Life Science, Biotechnology and Bioinformatics. These Programmes include well-designed theory and practical courses. Innovation-based training is the key to train students with a special emphasis on understanding the basic as well as modern concepts in biological processes for pursuing research in frontier areas of Biological Sciences. Each of these three Programmes equip students with deep theoretical as well as practical understanding of different aspects of Biological processes and promote them to take on an integrative approach for their studies and research.

The discipline of Life Science covers several areas of Biological Sciences including Biochemistry, Microbiology, Molecular Biology and Environmental Science related to "Life in Diversity". It has a good balance of animal and plant sciences which broaden the students knowledge and capabilities and they have diverse options to choose for their future studies and research. Vaccine, various drugs, high yielding and stress tolerant varieties of crops and easily available clinical tests are few examples of impact of life sciences on the society. This Programme promises to enable the students for innovative solutions to fundamental challenges related to medicine, food, agriculture and environment.

Biotechnology has emerged as a major thrust in the field of science and technology having potential to boost the economy of several countries including India. The voice of global Biotechnology in 21st century is to transfer the bio-based technology from "Lab to Land and from Bench to Business" to bring the cost of bio-based commodities within the reach of common man. The courses in Biotechnology Programme are mainly related to recent and emerging trends in Biology but the students are also taught Biostatistics which enables them to analyse their data, draw meaningful conclusions and publish in reputed journals. The Programme equally gives emphasis on integrated approaches in human health, recombinant DNA technology, transgenic development, bioremediation and informatics. Students work directly with faculty on real-world projects, gaining hands-on skills necessary to solve emerging problems.

The post-genomic era has seen Biology grow from a 'soft' discipline to a 'hard' one. This has initiated a scientific revolution driven by Genomics and Bioinformatics. Bioinformatics is a rapidly growing field of study that centers around at the interface of Biology and Information Technology. The Bioinformatics Programme consists of a good amalgamation of courses like Biology, Computer Science, Statistics, Mathematics and Physics. The students are trained for both dry and wet-lab techniques enabling them to better suit for different research laboratories and industries which look for personnel well-taught in programming languages, can do molecular modelling and also have abilities to work on bench producing raw data to analyse further using various Bioinformatics tools.

Centre for Biological Sciences is equipped with state-of-the-art technology and equipment that provide a stimulating environment for teaching and research.

Facilities & Resources

The list of equipments includes multiple Biosafety Cabinets, Laminar Air Flow, Autoclave, Water bath with wide temperature ranges, Dry Block Heater (Heating Block), Rotatory Shaker, Stackable Incubator Shaker, Cell Sonicator, Many types of Microscopes (Fluorescence, Inverted, Compound and Normal), various types of refrigerated Centrifuges, Nano Drop UV/VIS spectrophotometer, ELISA Plate Reader, Spectrophotometer, Gradient Thermal Cycler, Real-Time PCR, FPLC System, IRGA, UV/VIS Transilluminator, Gel Documentation Systems, Electrophoresis units (Horizontal and Vertical), Blot Transfer System, Deep Freezers (-40 °C and -86 °C), Ice-Flakes Machine, Cryo-Can, Lyophilizer, Complete Milli-Q Water System etc.

Extensive infrastructure facilities have been created in the form of newly constructed computer lab, which is equipped with latest computers of high configuration having Intel i-7 Quad Core processors. All computers are connected with high bandwidth of 1 Gbps Internet Connection. We also have HP work station equipped with Intel Xeon processor for high performance computing in molecular modeling & Dynamics. We are in the process to purchase Schrödinger suit and AMBER package for molecular modeling, simulation and Drug design. We also house facilities for animal, plant and microbial culture work

2.1.1 Integrated MPhil - PhD Programme in Biological Sciences

The Centre for Biological Sciences (CBS) is currently offering integrated MPhil-PhD in Biotechnology, Life Science and Bioinformatics with diverse field of specializations including Stem Cell technology, Plant Molecular biology, Immunotechnology, Neurobiology, Protein chemistry, Structural Biology, Cancer and Infection Biology, Molecular Modelling & Simulation, Drug Designing, Computational Biology, Biological Database etc.

The syllabus was framed with a great care so that the theory, practical and tutorials would meet the requirement of such a challenging and demanding field. Innovation-based

training is the key to train students with a special emphasis on understanding the basic as well as modern concepts in biological processes for pursuing research in frontier areas of Biological Sciences.

Each of these three Programmes equip researchers with deep theoretical as well as practical understanding of different aspects of Biological processes and promote them to take on an integrative approach for their studies and research. In bioinformatics, students are well trained for both dry and wet-lab techniques enabling them to better suit for different research laboratories and industries which look for personnel well-taught in programming languages, can do molecular modelling and also have abilities to work on bench producing raw data to analyse further using various Bioinformatics tools.

Centre for Biological Sciences is equipped with state-of-the-art technology and equipment that provide a stimulating environment for teaching and research. CBS is actively involved in research by having the distinction of running more than 10 externally funded R & D projects sanctioned from various Government agencies.

2.1.2 MSc Life Science

Department offers Master's programme in Life Science. The MSc Life Science is designed to give opportunity to learn modern biological techniques and provide an environment to understand various fields of basic and applied biology e.g. genetic engineering, immunology, recombinant DNA technology, protein crystallography, neurobiology, microbiology, cancer, malaria etc. This platform nurtures student's thinking to observe, analyze, interpret and utilize the biological techniques and phenomena in basic as well as applied fields. Different modes of teaching are adopted to train students. Presentations, assignments, experimental proof of theories, field observation, data analysis and computer applications in biology are few methodologies which are being applied for teaching. To engage students' mind in the course a continuous evaluation methods has been followed. Credits have been given to summer internship to utilize vacations and provide them a laboratory exposure.

Life Science Laboratory

The Life Science laboratory is planned to establish various facilities of modern biology including Animal and Plant tissue culture, Proteomics, Hybridoma, Recombinant DNA technology, various types of Microscopy etc. The laboratory going to be equipped with Automated shakers, Inverted and Upright Microscopes, Fluorescence Microscope, Incubators, Laminar flow hoods, UV-Visible spectrophotometer, Autoclave, Refrigerated centrifuge, -80°C Deep Fridge, Cryocan, Millipore water purification system, PCR, Real time PCR, FPLC system and 2D electrophoresis system. The laboratory will focus on various field of basic and applied biology like Agricultural Crop improvement, Development of immunoassays, Stress physiology of plants, Parasite biology, Physiology/Endocrinology etc.

List of courses in MSc Life Science (72 Credits)

Course Code	Course Title	Credits
Semester - I		
LSC 501	Cell Biology	3
LSC 502	Fundamentals of Genetics	3
LSC 503	Fundamentals of Biochemistry	3
LSC 504	Tools and techniques for Biology	3
LSC 505	Application of statistics in Biology and Computer applications in biology	2
LSC506P	Lab1 (501+502+503+504)	2
Total		16
Semester - II		
LSC 507	Enzymology and Metabolism	4
LSC 508	Biology of Immune System	4
LSC 509	Microbiology	4
LSC 510	Population & Community Ecology	2
LSC512P	Lab 2 (507+508)	2
LSC513P	Lab 3 (509+510)	2
Total		18
Summer Internship		
LSC 513	Summer Internship	2
Semester - III		
LSC 601	Molecular Biology & Recombinant DNA Technology	4
LSC 602	Developmental Biology	4
LSC 603	Plant Physiology	4
LSC 604	Animal Physiology	4
LSC615P	Lab 4 (601+602)	2
LSC616P	Lab 5 (603+604)	2
Total		20
Semester - IV		
LSC 511	Evolution and Systematics	2
LSC 617-623	Elective 1	2
LSC 617-623	Elective 2	2
LSC 624 P	Dissertation	10
Total		16
Elective Courses		
LSC 617	Molecular Biophysics	
LSC 618	Biochemistry of Proteins	
LSC 619	Neurobiology	
LSC 620	Cell Signalling	
LSC 621	Plant Biotechnology	
LSC 622	Stress Biology	
LSC 623	Bioinformatics	

2.1.3 MSc in Biotechnology

The two-year (four semesters) postgraduate Programme has interdisciplinary approaches with participation of faculty/researchers across the University. Hands-on training with professional and management skills are keys to our teaching pedagogy. This Programme focuses on responsibility building and ethics in research and policy. We are equally giving emphasis on integrated approaches in human health, transgenic crop development, environmental sciences and informatics. The course also comprises project dissertation, presentation and comprehensive viva-voce as part of evaluation system. Students also visit major research institutes in the form of educational tour and Biotechnology industries to learn various aspects of product developments. One of the major goals of the Biotechnology Programme is to engage students by actively involving them in cutting-edge research.

Currently, departmental research is mainly focussed in the areas of Cancer Biology, Autoimmune Diseases, Fungal Diseases, Lung Physiology, Neuroethology, Immunology, Genetic Engineering, Stem Cell Therapy, Proteomics, Molecular Biology, Signal Transduction, Interferon (IFNs) Transcription Factors, Neuroimaging, Electrophysiology, Biochemistry of Fungal Pathogens and Genesis of Secondary Metabolites as well as Genetic manipulations of Plants which include Plant Tissue Culture and Molecular Marker Developments. Apart from above advantages, MSc Biotechnology Programme prepares the students to be the leaders in research, policy and business.

Biotechnology Laboratory

Biotechnology Laboratory is well equipped with state of the art technology and equipment that provide a stimulating environment for teaching and research. It also houses facilities for animal, plant, and microbial culture rooms. The list of equipments includes multiple Biosafety Cabinets, Laminar Air Flow, Autoclave, Water bath with wide temperature ranges, Dry Block Heater (Heating Block), Rotatory Shaker, Stackable Incubator Shaker, Cell Sonicator, Many types of Microscopes (Fluorescence, Inverted, Compound and Normal), various types of refrigerated Centrifuges, Nano Drop UV/VIS spectrophotometer, ELISA Plate Reader, Spectrophotometer, Gradient Thermal Cycler, Real- Time PCR, UV/VIS Transilluminator, Gel Documentation Systems, Electrophoresis units (Horizontal and Vertical), Blot Transfer System, Deep Freezers (-20° C and -86° C), Ice-Flakes Machine, Cryocan, Lyophilizer, Complete Milli-Q Water System and plant & animal tissue culture lab equipped with modern technologies.

List of courses in M.Sc. Biotechnology (72 Credits)

Course Code	Course Title	Credits
Semester - I		
BTN 501	Cell Biology & Genetics	3
BTN 502	Microbiology	3
BTN 503	Biomolecules & Biochemistry	3
BTN 504	Instrumentation: Tools & Techniques in Biotechnology	3
BTN 505	Lab 1 (BTN 501 + BTN 502)	3
BTN 506	Lab 2 (BTN 503 + BTN 504)	3
Total		18
Semester - II		
BTN 551	Molecular Biology & Genomics	3
BTN 552	Basic Enzymology & Enzyme Technology	3
BTN 553	Biology of Immune System	3
BTN 554	Bioinformatics	2
BTN 555	Biostatistics	2
BTN 556	Lab 3 (BTN 551 + BTN 552)	3
BTN 557	Lab 4 (BTN 553 + BTN 554)	3
Total		19
BTN 558	Summer training	2
Semester - III		
BTN 601	Recombinant DNA Technology	3
BTN 602	Bioprocess Engineering	3
BTN 603	Animal Biotechnology	3
BTN 604	Plant Biotechnology	3
BTN 605	Bioethics, Biosafety and Intellectual Property Rights (IPR)	2
BTN 606	Lab 5 (BTN 601 + BTN 602)	3
BTN 607	Lab 6 (BTN 603 + BTN 604)	3
Total		20
Semester - IV		
BTN 651	Project Dissertation, Presentation and Comprehensive viva-voce	10
BTN 652-657	Electives	3
Total		13
Electives Basket		
Course Code	Name of Paper	
BTN 652	Environmental Biotechnology	
BTN 653@	Cancer Biology	
BTN 654@	Neurobiology	
BTN 655@	Medical Biotechnology	
BTN 656@	Protein Biochemistry	
BTN 657	Metabolic Engineering	

@ Open course for School of Earth, Biological and Environmental Sciences.

2.1.4 MSc Bioinformatics

The two-year (four semester) postgraduate Programme gears the students towards research not only providing them with basic understanding of the subject but also inculcates in them the thirst for applied research in frontiers area like Molecular Modelling, Simulation and Computer added drug designing, System Biology and Functional Genomics. Analytical techniques, management and analysis of Biological databases are also taught since there has been a paradigm shift in theoretical biology from reductionist approach of Molecular Biology to an integrative approach of treating the cell as a system.

Bioinformatics Laboratory

Extensive infrastructure facilities have been created in the form of newly constructed computer lab, which is equipped with latest computers of high configuration having Intel I-7 Quad Core processors. All computers are connected with high band-width Internet connection powered by 1Gbps NKN backbone. We also have three HP and Dell work station equipped with Intel Xeon processor with 24Gb RAM for high performance computing in Molecular Modelling, Drug design & Molecular Dynamics. Molecular modelling suit Discovery Studio is recent addition to the list of software available at Bioinformatics Lab.

List of courses in M.Sc. Bioinformatics Programme (74 Credits)

Course Code	Course Title	Credits
Semester - I		
BIS 501 †	Cell and molecular biology	4
BIS 502 †	Mathematics	4
BIS 503 †	Introduction to Unix/Linux and C language	2
BIS 504 *	Introduction to Bioinformatics	4
BIS 505	Statistics	4
BIS 506 †	Lab 1 (Practical Bases on BIS 503)	2
BIS 507	Lab 2 (Practical Bases on BIS 505) (with R)	2
Total		18
† optional courses offered in first semester.		
Semester - II		
BIS 551	Biochemistry and Immunology	4
BIS 552	Algorithms in Bioinformatics	4
BIS 553	Protein modelling and simulations	4
BIS 554	Lab 3 (Programming in Perl)	4
BIS 555	Lab 4 (Practical Bases on BIS 552)	2
BIS 556	Lab 5 (Practical Bases on BIS 553)	2
Total		20

Semester - III		
BIS 601	Chemioinformatics and drug desining	4
BIS 602	Genomics and Proteomics	4
BIS 603 *	Molecular phylogeny and evolution	2
BIS 604	DBMS and web Technology	2
BIS 605	Lab 6 (Practical Bases on BIS 601)	2
BIS 606	Lab 7 (Practical Bases on BIS 602)	2
BIS 607	Lab 8 (Practical Bases on BIS 604)	2
BIS 608	Summer training report evaluation †† Dissertation synopsis presentation	2
Total		20
Semester - IV		
BIS 651	Elective paper	2
BIS 652	Project work and seminars	12

● Each semester has to be supported by seminars/workshops.

†† Students have to complete two months (approx) summer training at the end of 2nd semester.

*BIS 504 and BIS 603 are open courses and can be offered to the students of other programmes

List of Electives	
Title	Credits
Biological Data Mining and Visualization	2
System biology and advance CADD	2
Transcriptome analysis techniques	2

2.2 Centre for Environmental Sciences

The Centre offers M.Sc. and Integrated M.Phil.-Ph.D. programme in Environmental Science which revolves around multidisciplinary and integrated study of the Earth, Atmospheric, Biological and Chemical processes and their linkages with developmental perspectives for attaining more sustainable environment. The focus includes complex interactions between the different components of nature (between and beyond disciplinary boundaries), impact on food security and associated ecosystem services in the immediate and long-term perspectives, besides environmental monitoring and management.

Environmental Science Laboratory

The Centre is equipped with wet and dry environmental science laboratory for high end research and teaching purposes. The well-equipped wet laboratory is meant for carrying out experimentation and research in Ecology, Biomanipulation and biocontrol, Biogeochemistry, Pollution monitoring and control, Environmental biotechnology and microbiology, Ecotoxicology, Soil sciences, and many others. Important equipment of wet laboratory are Atomic Adsorption Spectrophotometer (AAS), UV-Vis spectrophotometer, CHNS analyser, Ion chromatograph, Automated solvent extractor, Gas Chromatograph (GC), Gas Chromatograph Mass Spectroscopy (GCMS), Kjeldahl nitrogen assembly, Microwave digestion system, Rotary Evaporator, Flame photometer, Incubator shaker, BOD incubator, Respirable dust sampler. The dry laboratory carries research on Atmospheric Science and Climate Change and Remote sensing and GIS. High speed IBM server, Linux Server, GIS software ArcGIS 10.2, Climate

data analysis tools, PRECIS, WRF and other models are available for modelling studies. Number of research projects is being carried out on specific research areas of Environmental Science.

2.2.1 Integrated MPhil-PhD Programme in Environmental Science

The Centre for Environmental Sciences has started Integrated M.Phil.-Ph.D. Programme in January 2014. The programme is focused to inculcate among the researchers an in-depth understanding of theoretical perspectives; the ability and competence to do independent quality research; and to develop a comprehensive knowledge of various sub- disciplines of environmental science to disseminate knowledge in the larger interest of both, the individual and the society. The broad areas of research being offered are Ecology and Biodiversity, Atmospheric Science and Climate Change, Biogeochemistry and Hydrogeochemistry, Pollution Monitoring and control, Ecotoxicology.

2.2.2 MSc Environmental Science

The two-year (four semesters) postgraduate Programme is designed to provide necessary knowledge and skills to postgraduate students, so that they can learn to analyse and asses environmental systems and problems; be able to propose sustainable solutions and contribute to the development of policies and strategies for environmental planning. The major thrusts of the programme are:

1. To study natural resources, the impacts of human activities thereon and the implications of environmental degradation on human development.
2. Natural Processes in the Environment, which focus on the natural processes such as the Atmospheric, Biogeochemical, Ecological and Hydrological processes
3. The Human Dimension of Environmental Change: to understand the determinants of the growth of populations and economies, and how this growth results in demand for natural resources, leading to scarcity, pollution and risks for human health
4. Analytical Tools in Environmental Science: basic tools for analysing environmental issues, such as data collection and analysis and modelling of air, water, soil and biological systems.

List of Courses in MSc Environmental Science (72 Credits) Semester - I

Course Code	Course Title	Credits
ESC 501	Basic Biology	-
ESC 502	Basic Mathematics	-
ESC 503	Introduction to Ecology and Environmental Sciences	3
ESC 504	Social and Developmental perspectives	2
ESC 505	Environmental Chemistry	3
ESC 506	Environmental Geosciences	3
ESC 507	Environmental Biology	3
ESC 508	Practical- I	2
Total		16

Course Code	Course Title	Credits
Semester –II		
ESC 551	Statistical Methods and Computer Applications	3
ESC 552	Atmospheric Sciences and Climate Change	3
ESC 553	Natural Resources and their Management	3
ESC 554	Energy and Environment	3
ESC 555	Environmental Policies, Laws and Ethics	3
ESC 556	Practical- II	3
Total		18
Summer Internship		
ESC 601	Summer Internship (The points of will be added to 3 rd semester)	2
Semester –III		
ESC 602	Analytical Methods	3
ESC 603	Environmental Impact Assessment	3
ESC 604	Water Pollution: Causes, Consequences and Control	3
ESC 605	Air Pollution: Causes, Consequences and Control	3
ESC 606	Remote Sensing and GIS	3
ESC 607	Research: Methodology and Proposal	2
ESC ***	Elective – I	3
Total		20
Semester – IV		
ESC ***	Select any electives course (s) from the given list	6
ESC 699	Dissertation	10
Total		16
Elective Basket#		
ESC 608	Environmental Economics	2
ESC 609	Industrial Environment Management	2
ESC 610	Environmental Education	2
ESC 611	Environmental Modeling	2
ESC 612	Disaster Management	2
ESC 613	Bio-geo chemical cycles	2
ESC 614	Solid Waste Management	2
ESC 652	Environmental Biotechnology	3
ESC 653	Soil Science	3
ESC 654	Hydrology and Water Resources	3
ESC 655	River and Wetland Ecosystems	3
ESC 656	Biodiversity and Conservation Biology	3
ESC 657	Eco-toxicology and Environmental Health	3
ESC 658	Restoration Ecology	3

Courses from elective basket may be offered in 3rd as well as 4th semester

3. School of Social Sciences and Policy

The School of Social Sciences and Policy embodies cohesiveness of multiple disciplines that seek its relevance in understanding and analysing human behaviour in an integrated

framework. The school has four centres namely Centre for Development Studies, Centre for Economic Studies and Policy, Centre for Sociological Studies and Centre for Political Studies. It continuously endeavours to blend its teaching engagement with empirical research. Academic programmes based on the emerging debates both in the theoretical and empirical planes in respective disciplines also see its engagement in continuous search for building- up a new knowledge-base relevant to the developing world particularly. For teaching, research and training, the School of Social Sciences and Policy looks forward to learn from the development experiences of the world at large. In the process, it does not exclude the local economy, society and polity. It's agenda and implementation of the same by way of organising Seminar, Workshop and Development Dialogue embed the essence of the School.

3.1 Centre for Development Studies

The Centre for Development Studies was the first academic unit of this university since its very inception and hence offers a special thrust to its intellectual terrain. Its interdisciplinary nature makes it all the more exciting and versatile in a knowledge society like that of ours. Furthermore in 21st century India, Development Studies has emerged as a discipline incorporating gamut of changes in different frontiers like social-economic, political, cultural and human development as such. There are only a few institutions in India that train competent manpower required by national and international agencies engaged in the developmental sector. The demand for development professionals has been increasing with the expansion of the frontier of development interventions in the social sector. The Centre of Development Studies attempts to make unique contributions by training the budding agents for development and change, alongside preparing students who may opt for higher studies and look forward to a career in teaching profession.

Academic thrust and key activities of the Centre

The academic thrust of the Centre for Development Studies (CDS), Central University of South Bihar (CUSB), aims to explore the issues on development and underdevelopment. The Centre, at present, offers two core academic programmes:

- (a) Two-year Masters Programme;
- (b) Integrated MPhil-PhD Programme

These courses aim to disseminate and advance knowledge by providing instructional and research facilities; to take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research; to educate and train manpower for the development of the country; to establish linkages with industries for the promotion of science and technology; and to pay special attention to the improvement of the social and economic conditions and welfare of the people, their intellectual, academic and cultural development. They are encouraged to acquire skills through introspection and praxis while confronting issues in the real world. The students are trained in projects and research — both theoretical and applied — through contact hours with teachers in classroom and through field survey. Furthermore, the Centre organizes a series of internal seminars, public lectures and dialogues. It also furthers skill-enhancement of students and faculty up-gradation programmes through workshops like those on statistical analysis of data, qualitative inquiry, project management etc. Since 2011, the Centre has been organizing an annual National Conference titled *Development Meet*, wherein policy planners, academics, activists, civil society professionals, from across the country, deliberate and debate on a theme of contemporary relevance.

Thus in doing so, the students are encouraged to learn about the various facets of socio-economic-political and cultural development within an institutional paradigm.

3.1.1 Integrated MPhil-PhD Programme in Development Studies

The notable features of the Integrated MPhil-PhD Programme are: (a) its multi-disciplinary orientation in both course design and teaching plan; (b) its distinctiveness when compared to available courses within and outside the University and (c) its coherence as a programme of study with a policy-orientation. The MPhil programme is a three-semester programme of study from which students may upgrade on to the doctoral programme, provided they meet the minimum grade requirements of the University.

3.1.2 MA Development Studies

The Centre offers a two-year Masters Programme in Development Studies. It aims to disseminate and advance knowledge by providing instructional and research facilities; to take appropriate measures for promoting innovations in teaching-learning process and inter-disciplinary studies and research; to educate and train manpower for the development of the country; to establish linkages with industries for the promotion of science and technology; and to pay special attention to the improvement of the social and economic conditions and welfare of the people along with their intellectual, academic and cultural development.

List of Courses in MA Development Studies (76 Credits)

Course Code	Course Title	Credits	List of skills imparted with no. of credits mentioned in parentheses		
			Development Theory (28)	Development Practice (29)	Development Research (21)
Semester - I					
DVS 501	Anthropology/ Sociology and Development	04	✓		
DVS 502	State, Governance and Development	04	✓		
DVS 503	Development Economics: Theory, History & Experience	04	✓		
DVS 504	The Practice of History in understanding Development	03	✓		
DVS 505	Qualitative Methods in Research	02			✓
DVS 506	Quantitative Methods in Research	03			✓
Total		20 Credits	15 Credits	00 credits	05 credits
Semester - II					
DVS 551	Post-Colonial Perspectives of Development	03	✓		
DVS 552	Human Development	03	✓		
DVS 553	Foundation of Human Rights	02	✓		
DVS 554	Law and Development	03	✓		
DVS 555	Culture and Development	02	✓		
DVS 556	Research Methodology	02			✓
DVS 557	Thesis Proposal and Literature Survey	02			✓
DVS 558	Comprehensive Viva Voce-I	01			✓
Total		18 Credits			
Summer Internship					
DVS 559	Internship	02			
Total		02 Credits	13 credits	00 credits	07 credits
Semester-III					
DVS 601	Principles and Practices of Public Policy	03		✓	
DVS 602	Political Economy of India's Development	02		✓	
DVS 603	Agrarian Change and Development	02		✓	
DVS 604	Gender and Development	02		✓	
DVS 605	Demography and Development	02		✓	
DVS 606	Public Health	02		✓	
DVS 607	Thesis Based Field work & Data Analysis	02			✓
DVS ***	Two Elective Courses	04		✓	
Total		19 Credits	00 credits	17 credits	02 credits
Semester-IV					
DVS 651	International Political Economy	02		✓	
DVS 652	Industrialization, Globalisation and Labour	02		✓	
DVS 653	Environment and Development	02		✓	
DVS 654	Development Communication	02		✓	
DVS 655	Strategies for Social Intervention	02			✓
DVS 656	Thesis Writing and Seminar	04			✓
DVS 657	Comprehensive Viva Voce-II	01			✓
DVS ***	Two Elective Courses	04		✓	
Total		19 Credits	00 credits	12 credits	07 credits

3.2 Centre for Economic Studies and Policy

The Centre for Economic Studies and Policy (CESP) looks at academic engagement with a difference. While the major focus is on teaching of basic principles of Economics, the Centre's search is for new epistemology both in theory and practice. It continues to focus on improving its course curriculum based on the evolving theoretical paradigms being witnessed in the field of Economics by different schools of thought that have ontological bearings. The diverse knowledge base in Economics and its ramifications on society and polity continues to be a primordial source of choice for direction of research. The Centre nurtures creative impulses of both faculty and students and continuously provides forums for developing critiques of existing theories and practices only to create a new space for the latter. While doing so, it contextualises emerging theoretical postulations at all levels including local, sub-regional, national and international. The Centre aspires and attracts students and teachers to the Centre from all over the country and abroad to develop it as a unique centre of learning and develop collaboration with other institutions for teaching and research.

Objectives

- to enlarge the scope for teaching of Economics as propounded by different schools of thought with an edge over both quantitative and qualitative techniques;
- to conduct research in both theoretical and empirical planes;
- to organise Seminar/Symposium/Dialogue/Workshop/ Training Programmes.

3.2.1 Integrated MPhil-PhD Programme in Economics

The programme is conceived primarily with a view to train the students to develop their analytical minds required to explore new horizon of knowledge in the field of Economics. While deep understanding of economic phenomenon, not being independent of the society at large, is a necessity, course of this programme cares about its pedagogy that stimulates creative impulse of the students. The programme offers a large scope to the students to examine efficacy of the existing theoretical paradigms at the backdrop of the empirical research and develop a critique- a step forward to explore new areas.

3.2.2 MA Economics

The postgraduate programme is designed to train the students on the expanding knowledge base in Economics. Students are not only equipped with various techniques for evaluating development programmes and policies but also exposed to deeper understanding of several theoretical paradigms. While the programme endeavours to generate sound and effective interactive process, inclination to deepen the analytical mind of the students is constantly sought. What it visualizes is that the students who are given exposure to the historical processes of changes both in economic thought and practice are able to respond to an economic event either through pursuing research or professional carrier.

List of Courses in MA Economics (80 Credits)

Course Code	Course Title	Credits
Semester – I		
ECO 501	Microeconomics I	4
ECO 502	Macroeconomics I	4
ECO 503	Mathematical Methods for Economists	4
ECO 504	Introductory Statistics and Econometrics	4
Total		16
Semester – II		
ECO 551	Microeconomics II	4
ECO 552	Macroeconomics II	4
ECO 553	History of Economic Ideas	4
ECO 554	International Economics	4
ECO 555	Applied Econometrics	4
Total		20
Summer		
ECO 599	Summer Experience (Internship)	2
Semester –III		
ECO 601	Political Economy of Development	4
ECO 602	Public Finance	2
ECO 603	Money and Banking	2
ECO***	Elective I	4
ECO***	Elective II	4
ECO 649	Dissertation Proposal & Literature Survey	4
Total		20
Semester -IV		
ECO 651	Environmental Economics	4
ECO 652	Indian Economy	4
ECO***	Elective III	4
ECO***	Elective IV	4
ECO 691	Dissertation	4
ECO 692	Comprehensive Viva-voce	2
Total		22
Elective Basket		
Group I - Financial Economics		
ECO 604	Financial Market	4
ECO 605	Corporate Finance	4
ECO 653	International Finance	4
ECO 654	Financial Econometrics	4
Group II - Development Economics		
ECO 655	Human Development	4
ECO 606	Public Economics	4
ECO 607	Agrarian Change and Development	4
ECO 608	Industrialisation and Development	4
ECO 609	Population and Development	4
ECO 656	Law and Economics	4
ECO 657	Economics of Education and Health	4
Group III - Quantitative Economics		
ECO 610	Optimisation in Economic Theory	4
ECO 658	Game Theory with Application to Economics	4
ECO 659	Advanced Topics in Applied Econometrics	4
ECO 611	Time Series Analysis	4
ECO 660	Application of Simulation Techniques in Economics	4

(*Please note that the courses which fall between 601 –649 codes are offered in Semester III and those between 651-699 are offered in Semester IV.)

3.3 Centre for Political Studies

The Centre for Political Studies (CPS) strives to cover all aspects of the discipline in the context of Traditional, Modern and Post-Modern approaches. It emphatically identifies the new problem areas of the society and tries to offer a solution through teaching and research. The Centre proposes to put political studies into practice to deconstruct the developmental issues related to the study of Political Science and International Relations. In its inter-disciplinary approach, the Centre provides an opportunity to combine both theory and practice. The Centre incorporates the academic programme in Political Science and International Relations to equip the students with the philosophical and theoretical perspectives in the Indian and Western traditions along with their practical applications. It continues to nurture motivation in students for the advancement of political analysis at all levels: regional, national and international.

3.3.1 Integrated MPhil-PhD Programme in Political Science & International Relations

The Centre of Political Studies, with the help of intensive academic programmes and extensive activities, is intended to equip students and researchers with theoretical understanding and practical orientation of Political Science and International Relations, and strives to become a Centre of excellence in the field of Research. With the help of inter-disciplinary approach the Centre incorporates the academic programme in the field to provide the students with in-depth understanding of the Western political tradition and to evolve Indian perspectives on the subject.

3.3.2 MA Political Science and International Relations

The two-year (four semesters) postgraduate Programme is designed to equip the students with the philosophical and theoretical perspectives in the Indian and Western traditions along with their practical applications. It also aims to impart critical thinking and methodological skills of academic and action research. The aim is to study a problem in the Indian, comparative, international, regional and local milieus. It also endeavours to inculcate among the students contextually appropriate sensibilities towards traditional, modern and postmodern approaches to the discipline of Political Science.

List of Courses in MA Political Science & International Relations (80 Credits)

Course Code	Course Title	Credits
Semester-I		
PSC 501	Introduction to Politics	4
PSC 502	Political Thought	4
PSC 503	Contemporary Political Theory	4
PSC 504	Politics in India	4
PSC 505	Theories of International Relations	4
Total		20

Semester -II		
PSC 551	Theories of Comparative Politics	4
PSC 552	Administrative Theories	4
PSC 553	Modern Indian Political Thought	4
PSC 554	Issues in International Relations	4
PSC 555	Democracy, Resistance and Liberation	4
Total		20
Semester -III		
PSC 601	India's Foreign Policy	4
PSC 602	International Political Economy	4
PSC 603	Indian Administration	4
PSC 604	Marxism after Marx	4
PSC ***	Elective Basket	4
Total		20
Semester -IV		
PSC 651	International Organization	4
PSC 652	Public Policy Analysis	4
PSC 653	State Politics in India	4
PSC 654	International Peace and Security	4
PSC ***	Elective Basket	4
Total		20

Note: Student has to opt one paper in 3rd Semester and one paper in 4th Semester from the elective basket/ list of optional papers, as follows:

S.No.	Code	Semester III
1	PSC605	Major Ideas and Institutions in Ancient Indian Political Thought
2	PSC606	Democracy and Human Rights in India*
3	PSC607	Peace and Conflict Resolution
	PSC608	Geo-Politics and Geo-Economics in International Relation
5	PSC609	Government & Politics in Africa
6	PSC610	Globalization*
Semester IV		
1	PSC655	Development Administration
2	PSC656	Multiculturalism
3	PSC657	State and Politics in Japan
4	PSC658	International Law
5	PSC659	Local Government in India
6	PSC660	SAARC: Patterns of conflict and co-operation

Notes: ***The papers are open to all disciplines

- Student has to opt one paper in 3rd Semester and one paper in 4th Semester from the elective basket/ list of optional papers available in respective Semesters.
- The number of optional courses offered by the Centre during a particular semester shall be decided by the Centre Committee depending upon the availability of expertise and number of students.
- The List of Essential and Additional Reading for each course shall be revised and updated by the faculty concerned as and when a particular course is administered.

3.4 Centre for Sociological Studies

The Centre for Sociological Studies (CSS) was established in 2012 under the School of Social Sciences and Policy. The objectives of the Centre are to engage in teaching as well as in research on theoretical, methodological and applied understanding emphasizing on inter-disciplinary approach. The Centre seeks to explore various issues and problems related to the socio-cultural understanding in the context of national development for knowledge generation. The Centre encourages students in learning and understanding the courses through active participation in and outside the classroom. Apart from the classroom teaching, students will be evaluated continuously on their active engagement through tutorial, book review, term paper/assignment, presentation, seminar, workshop, etc.

Programme

The Centre offers Master Programme in Sociology. The teaching and research at the Centre primarily includes three aspects of sociological studies - Theory and Social Thought; Methodological Orientation and Methods of Social Research; and Substantive Studies on Different Dimensions of Social Life. Interdisciplinary orientation is reflected in the structure as well as in the contents of the courses offered. The Centre provides some core courses including Classical Sociological Thinkers, Methodology of Social Research, Social Stratification, Sociology of Family and Marriage, Sociological Theories, Methods and Techniques of Social Research, Indian Society: Structures and Processes, etc.

3.4.1 MA Sociology

The two-year (four semesters) postgraduate Programme is designed to equip the students with knowledge and skill in the field of Sociology. The courses have been developed consistent with the rapid transformations the world is under going in the process of globalisation. It is imperative that we comprehend these changes and development by a theoretical grasp of phenomena and by studying them with some methodological maturity. It primarily includes three aspects of sociological studies - Theory and Social Thought; Methods of Social Research; and Dimensions of Social Life. Interdisciplinary orientation is reflected in the structure as well as in the contents of the courses offered.

List of Courses in M.A. Sociology (74 Credits)

Course Code	Course Title	Credits
Semester – I		
SOC 501	Classical Sociological Thinkers	4
SOC 502	Methodology of Social Research	4
SOC 503	Social Stratification and Mobility	4
SOC 504	Sociology of Family and Marriage	4
Total		16
Semester – II		
SOC 551	Sociological Theories-I	4
SOC 552	Methods and Techniques of Social Research	4
SOC 553	Indian Society: Structure and Processes	4
SOC***	Elective-1(SOC561-SOC565) (SOC565- Sociology of Rural Life) (Offered)	4
Total		16

Summer		
SOC 566	Summer Internship	2
Semester – III		
SOC 601	Sociological Theories – II	4
SOC 602	Statistics and Computer Application in Social Research	4
SOC 603	Sociology of Modernisation and Development	4
SOC 667	Dissertation** (Research Proposal, Review of Literature and Presentation)	4
Any one of the Elective courses from the list below		
SOC 605	Sociology of Exclusion and Inclusion	4
SOC 606	Social Movements in India	4
SOC 607	Sociology of Urban Life (Offered)	4
Total		20
Semester – IV		
SOC 651	Perspectives on Indian Society	4
SOC 652	Ethnicity, Pluralism and Nation Building	4
SOC 689	Dissertation (Writing, Final Submission and Viva Voce)	4
Any two of the Elective courses from the list below		
SOC 685	Globalisation and Social Change (Offered)	4
SOC 682	Sociology of Tribes and Other Indigenous People (Offered)	4
SOC 684*	Indian Diaspora	4
SOC 661*	Gender and Society	4
Total		20
Elective Basket		
SOC 605	Sociology of Exclusion and Inclusion	4
SOC 562	Polity and Society	4
SOC 563	Population and Society	4
SOC 564	Sociology of Kinship	4
SOC 554	Sociology of Rural Life	4
SOC 657	Gender and Society	4
SOC 606	Social Movement in India	4
SOC 663	Perspectives in Dalit Studies	4
SOC 664	Sociology of Youth and Aging	4
SOC 655	Sociology of Environment	4
SOC 607	Sociology of Urban Life	4
SOC 604	Dissertation	4
SOC 681	Economy and Society	4
SOC 682	Sociology of Tribes and other Indigenous People	4
SOC 683	Agrarian Structure and Change in India	4
SOC 656	Indian Diaspora	4
SOC 685	Globalization and Social Change	4
SOC 686	Sociology of Education	4
SOC 687	Urbanization in India	4
SOC 688	Sociology of Knowledge	4
SOC 654	Dissertation	4

** The duration shall be of two semesters and shall carry 8 Credits. Only those students who have secured B Plus and above (Cumulative Grade Point Average CGPA for the first two consecutive semesters) shall be eligible to opt for dissertation.

4. School of Human Sciences

The School of Human Sciences aims to study human beings as a social, cultural and biological species in the context of their experiences, activities, constructs and artifacts. The Human nature is not discipline bound and therefore the School emphasizes interdisciplinary approach to understand it. The school has a mission to pursue quality education and research for greater understanding of human nature and challenges faced by humanity. Disciplines like Anthropology, Psychology, Social work and other Social Sciences interactively may engage in research leading to knowledge system that serves the development of mankind. The objective of the school is to create advance scientific knowledge in various Human Sciences through research. The Centre for Psychological Sciences is established under the School of Human Sciences.

4.1 Centre for Psychological Sciences

With a vision to spread and create world class knowledge in the field of Psychology, the Centre for Psychological Sciences (CPSYS) recognizes the immense potential of Psychology, and its utility in improving quality of life of individuals and society. The Mission of the Centre is to educate and train psychologists who can serve the humanity. It is presently offering Master’s programme in Psychology with specialization in Social Psychology, Organizational Behaviour, Clinical Psychology and Counselling Psychology.

Psychology laboratory

The Psychology laboratory under the Centre for Psychological Sciences is established with the objectives to explain the various psychological phenomena and train students on practical aspects of psychological theories and models. Presently laboratory provides three kinds of facilities conducting experiments, psychological testing and qualitative research. The laboratory enables students to carryout computer based experiments and social experiments. The lab also contains numerous psychological tests. These tests include personality tests, intelligence tests, neuropsychological tests and many other important scales. The quantitative and qualitative research is important areas of the psychology lab. The laboratory has the facility of computers and audio-video modes for data collection and its interpretation. The psychology lab is equipped with software such as SPSS, R and QDA to carryout analysis of the research.

4.1.1 Integrated MPhil-PhD in Psychology

MPhil-PhD programme is a well-structured platform to train and develop postgraduate students to carry out quality research in psychology. This programme would help students develop analytical mind to comprehend and analyze the various dimensions of human behaviour. The programme is well equipped to offer theoretical perspectives with basic research skills that develop competence and expertise required to conduct independent research. The programme also aims to disseminate and advance knowledge in research methodology and higher statistics to plan and analyze research in Psychology. The purpose of research at PhD level intends to prepare students to

do interdisciplinary research as to provide solutions to theoretical, social, and specialized areas of Clinical Psychology, Health Psychology, Industrial-Organizational Psychology and Organizational Behaviour.

4.1.2 MA Psychology

The programme is to impart quality education and training for research and practice with sound base in theories, methodology and psychological skills. The objective of the programme is to prepare students for a professional career in academics with equal emphasis on teaching and research and also on practice as psychologist. The course work provides advanced knowledge covering different areas of psychology. A student admitted to the programme will be required to complete 74 Credits of course work, lab work, dissertation, field work, internship etc. as per the requirement of specialization. Students are encouraged to take up internship, field work during vacation/ semester break period. The programme seeks to enable students to develop competence in one of the four specialization areas namely, Counselling Psychology, Organizational Behaviour, Social Psychology, and Clinical Psychology.

List of Courses in MA Psychology (74 Credits)

Course Code	Course Title	Credits
Semester - I		
PSY501	Cognitive Processes	4
PSY502	Affect and Motivation	4
PSY503	Biological Bases of Behaviour	2
PSY531	Research Method and Experimental Design	4
PSY532	Quantitative Data Analysis – I	2
PSY533	Test Construction	2
Total		18
Semester - II		
PSY551	Understanding Pathological Behaviour	4
PSY552	Understanding Social Behaviour	4
PSY553	Understanding Organizational Behaviour	4
PSY571	Quantitative Data Analysis – II	2
PSY581	Psychology Lab	2
PSY591	Thesis/Project	2
Total		18
PSY592	Summer Internship	2
Semester - III		
PSY ***	Elective Course I (611/621/631)	4
PSY601	Life Span Development	4
PSY602	Self and Personality	4
PSY603	Psychological Assessment	4
PSY641	Thesis/Project	2
Total		18

Course Code	Course Title	Credits
Semester – IV		
PSY ***	Elective Course II	4
PSY ***	Elective Course III (any 4 Credits course)	4
PSY ***	Elective Course IV (for clinical and counselling)	2
PSY 651	Internship (for clinical and counselling)	2
PSY 661	Qualitative Method and Analysis	4
PSY 691	Thesis/ Project	4
PSY 695	Viva-voce	2
Total		18
*** Courses will be taken from Elective Basket.		
Elective Basket		
Social Psychology		
PSY 611	Social Cognition and Behaviour	4
PSY 651	Social Psychology in Contemporary World	4
PSY 652	Intergroup Relation and Collective Behaviour	4
Organizational Behaviour		
PSY 621	Group Dynamics in Organizations	4
PSY 661	Organizational Development & Change	4
PSY 662	Human Resource Management	4
Counselling Psychology		
PSY 671	Therapeutic Intervention	4
PSY 672*	Clinical Assessment	2
PSY 673	Counselling Techniques Approaches	4
Clinical Psychology		
PSY 631	Psychopathology	4
PSY 671	Therapeutic Intervention	4
PSY 672*	Clinical Assessment	2

Note: * Theory classes will remain same for the course PSY 672. However, laboratory work will be as per requirements of the two specializations, i.e. counselling and clinical psychology.

5. School of Languages and Literature

Human civilization evolves through innumerable phases of language evolutions. Knowledge too in its resurgent march unflinching walks hand in hand with languages to streamline learning. Creative endeavours representing human behaviour mould languages to shape literature. As signifier of lingual heritage, literature showcases cultural diversities to promote learning through textual interpretations. The inception of the School of Languages and Literature is grounded in the idea that the ever flowing stream called literature meanders around life to mirror multiple perspectives irrespective of language differences. Interdisciplinary approach as its prime thrust nurtures

confidence in learners pertaining to growth in communication and representation skills. The School in its curriculum places 'Translation Studies' as a common academic concern with relative cultural dimension in context of pluralism in society. At present, the School of Languages and Literature stands as the academic edifice with its Centre for Indian Languages and the Centre for Foreign Languages. The Centre for Indian Languages with its MA programme in Hindi plans to develop programmes for various other Indian languages. As part of its academic endeavours, the Centre for Foreign Languages aims for the academic programme in Asian, European, African and other languages. The School in its prime objective remains open to incorporate various languages national and international for study and research, as it motivates minds towards the understanding of cultures, contextual correlations and comparative analysis of language and literature worldwide.

5.1 Centre for Foreign Languages (English)

The Centre for Foreign Languages aims to create awareness amongst students to have inter-lingual approach for the proficient understanding of Languages and Literatures irrespective of Language boundaries and Region barriers. In order to continue to be successful with learning tasks in multiple academic relevance students are trained to remain aware of the strategies that can lead to the inculcation of skilful presentation and representation of ideas in oral and written modes. The objective as its prime prerogative simultaneously incorporates strategies for language proficiency as a major tool for cognitive development in varied contexts. Techno-sound strategies have been installed to meet the cotemporary requirements of challenging language tasks as one of the models for language learning. The Centre in its major focus streamlines the methodologies for teaching English as one of the foreign languages both in theory and in practice. The course aims at teaching Language and Literature in English representing historical scope, cultural diversity and various genres in socio-political linguistic contexts. Apart from focusing on British, European, Indian and American Literatures written in English, the course includes new Literatures in English or in its translated versions. It also incorporates the theoretical base work of Literature which goes in the name of theories and criticism

5.1.1 MA English

The two-year (four semesters) postgraduate Programme is designed to meet the requirements of Language and Literature studies. As a part of language study students will be introduced to the English Language, Linguistic, English in India and English Language teaching etc. and as a part of literary studies a broad stream of canonical and non-canonical texts will be studied in what is generally known as English Studies. Students will be encouraged to study the major traditions spanning the late 16th till 20th century and beyond. The emphasis will not be on a descriptive approach based on conventional periodization, but to look critically at literary development and movements across time and space. Students will develop imaginative skills and critical intelligence while dealing with texts embedded in social and cultural contexts.

List of Courses in MA English (78 Credits)

Course Code	Course Title	Credits
Semester I		
ENG501	Foundation in Writing & Communication Skills	2
ENG502	Introduction to English Language	4
ENG503	Geoffrey Chaucer to the Renaissance	2
ENG504	Shakespeare and the Seventeenth-Century British Literature and Thought	4
ENG505	18 th Century British Literature	4
ENG506	Romantic Literature and Thought	4
Total		20
Semester II		
ENG551	Research Methodology and Writing Skills	2
ENG552	Linguistics and English in India	4
ENG553	British Literature and Thought of the Victorian Age	4
ENG554	Literary Criticism : The Major Texts	4
ENG555	Indian Literature in Translation	4
Total		18
Semester III		
ENG601	English Language Teaching	4
ENG602	Literary Theory : The Major Texts	4
ENG603	American Literature	4
ENG604	New Literatures in English	4
ENG605	20 th Century British Literature	4
Total		20
Semester IV		
ENG651	Indian Writing in English	4
ENG652	European Literature in Translation	4
ENG653	Translation : Theory and Practice	4
ENG***	Elective – I	4
ENG***	Elective – II	4
Total		20
Elective Basket		
ENG654	Intellectual Traditions	4
ENG655	South American Literature	4
ENG656	African Literature	4
ENG657	Asian Literature	4
ENG658	Gender and Sexuality	4
ENG659	Film and Literature	4
ENG660	Campus Fiction	4
ENG661	Prison Narrative	4
ENG662	Material Design (ELT)	4

5.2 भारतीय भाषा केन्द्र

भारतीय भाषा केन्द्र भाषा और साहित्य के अध्ययन-अध्यापन के साथ विद्यार्थियों में उच्चस्तरीय शोध-अभिरुचि विकसित करने के लिए प्रतिबद्ध है। यह भाषा और साहित्य के माध्यम से भारतीय समाज की बहुआयामी सांस्कृतिक विविधताओं का अध्ययन करता है। यह साहित्य और समाज की महान परंपराओं एवं विरासत को अक्षुण्ण रखते हुए रचनाशीलता तथा ज्ञान के नए अनुशासनों के निर्माण एवं उनमें परस्पर संवाद की ओर उन्मुख है। इसके साथ केन्द्र बदलते वैश्विक परिदृश्य में नई तकनीक एवं संचार की दिशा में अग्रसर होते हुए भारतीय भाषाओं को रोजगारपरक बनाने के लिए भी प्रयासरत है।

भविष्य की योजनाएँ :

- शोध पत्रिका का प्रकाशन
- विभागीय ब्लॉग का निर्माण

5.2.1 एम.फिल-पीएच.डी. (हिन्दी) पाठ्यक्रम

मानव सभ्यता का इतिहास उसकी अनुसंधान वृत्ति का इतिहास है। हमारी सांस्कृतिक उन्नति का रहस्य शोध में निहित है। शोध नये सत्यों के अन्वेषण द्वारा अज्ञान के क्षेत्रों को लुप्त कर देता है और वे सत्य हमें कार्य की करने की उत्कृष्ट भटतर विधियाँ और श्रेष्ठ परिणाम प्रदान करने हैं। इस प्रकार समाज में शोध का महत्व असंदिग्ध है।

वर्तमान में संचालित एम.फिल.पीएच.डी. पाठ्यक्रम हिंदी में शोध एवं अनुसंधान को नयी दिशा और तेवर देने के लिए कृत संकल्पित है। शोधार्थियों में गंभीर शोध के प्रति आकर्षण उत्पन्न करना तथा हिंदी के समक्ष शोध संबंधी चुनौतियों का सामना करने की दक्षता प्रदान करना, इस पाठ्यक्रम का मुख्य ध्येय है।

ज्ञान के विस्तार और विशेषज्ञता प्राप्ति की दृष्टि से यह पाठ्यक्रम शोधार्थियों के लिए अत्यंत उपयोगी है। यह पाठ्यक्रम शिक्षक और शोधार्थी के अन्तःसंबंध, उनकी परस्पर-संदर्भित स्वायत्तता और अंतरानुशासनात्मकता के साथ विशेषज्ञता पर जोर देता है। इस पाठ्यक्रम में अनिवार्य कोर्स के साथ-साथ कई वैकल्पिक कोर्स की व्यवस्था की गई है, जिससे शोधार्थी अपनी अभिरुचि को प्राथमिकता दे सकते हैं। पूरा पाठ्यक्रम यूजीसी के नवीन शोध एक्ट 2009 के अंतर्गत एक-वर्षीय (दो सत्र) अनिवार्य कोर्स वर्क के साथ संयुक्त है।

5.2.2 एम.ए. हिंदी पाठ्यक्रम

वर्तमान में संचालित स्नातकोत्तर हिंदी पाठ्यक्रम हिंदी भाषा और साहित्य में नए एवं मौलिक शोध में रुचि रखनेवालों के साथ-साथ उनके लिए भी उपयोगी है जो अनुवाद, सर्जनात्मक लेखन, अखबार, टेलीविजन, सिनेमा और नए मीडिया में अपनी प्रतिभा का प्रयोग करना चाहते हैं।

यह पाठ्यक्रम अध्यापक और विद्यार्थी के अंतःसंबंध, उनकी परस्परसंदर्भित स्वायत्तता और अंतरानुशासनात्मकता के साथ विशेषज्ञता पर जोर देता है। इसलिए इस पाठ्यक्रम में अनिवार्य कोर्स के साथ वैकल्पिक विषयों के अध्ययन-अध्यापन का भी प्रावधान किया गया है। इसका उद्देश्य मौखिक एवं लिखित भाषिक दक्षता और विश्लेषण-क्षमता विकसित करने के साथ-साथ हिंदी साहित्य को हिंदीतर भारतीय साहित्य, विश्व साहित्य तथा ज्ञान के विभिन्न अनुशासनों के परिप्रेक्ष्य में समझना है। इस पाठ्यक्रम की सहायता से साहित्यस्वादि में विविधता और समृद्धि के साथ आलोचनात्मक विवेक का प्रयोग विश्वासपूर्वक किया जा सकेगा। पाठ्यक्रम के अंतर्गत स्नातकोत्तर स्तर पर ही विद्यार्थियों को शोध की दिशा में उन्मुख और प्रशिक्षित किया जाना है। हिंदी स्नातकोत्तर में दाखिला किसी भी अनुशासन के छात्र को मिल सकता है। कम्प्यूटर विज्ञान विभाग की सहायता से विकसित 'कम्प्यूटर और हिंदी' कोर्स (नॉन क्रेडिट) का भी प्रावधान है जो चारों सत्रों में शामिल है।

नोट : एम.ए. हिंदी पाठ्यक्रम के HIN 501 (साहित्य की समझ) और HIN 653 (अस्मितामूलक साहित्य: विशेष संदर्भ स्त्री, दलित एवं आदिवासी) कोर्स स्वेच्छा आधारित क्रेडिट प्रणाली के तहत खुले हैं। दूसरे विभागों के छात्र इस में शामिल हो सकते हैं।

शिक्षण की सुविधाएँ

बिहार केंद्रीय विश्वविद्यालय में एम.ए. हिंदी में नामांकन की संख्या सीमित है, परिणामतः प्राध्यापक छात्रों को अधिक समय दे पाते हैं। प्रत्येक शिक्षक के लिए स्वतंत्र कक्षा की व्यवस्था है जिससे छात्र आवश्यकतानुसार अलग से संवाद कर सकते हैं। विभागीय छात्रों के लिए मीडिया प्रयोगशाला के साथ-साथ समृद्ध पुस्तकालय की सुविधा है। इंटरनेट के माध्यम से देशी-विदेशी प्रकाशनों (ऑक्सफोर्ड यूनिवर्सिटी प्रेस, टेलर एंड फ्रांसिस, स्पिंगर इत्यादि) की सर्वश्रेष्ठ पत्रिकाएँ उपलब्ध हैं। साथ ही यू.जी.सी. इनफिलबनेट और जॉस्टर के अंतर्गत भी पत्रिकाएँ उपलब्ध हैं। आवश्यकतानुसार पुस्तकालय से छायाप्रति तथा प्रिंट आउट कराने की भी सुविधा है।

शिक्षण विधि

कार्यशाला, संगोष्ठी, परियोजना-कार्य और इंटर्नशिप के माध्यम से पाठ्यक्रम के उद्देश्यों को पूरा किया जाता है। साथ ही हिंदी भाषा और साहित्य के अध्यापकों के अलावा अन्य अनुशासनों के विशेषज्ञों से भी संवाद होता है जिससे अंतरानुशासनात्मकता एवं विशेषज्ञता के उद्देश्य को वास्तविक अर्थों में पूरा किया जा सके।

पाठ्यक्रम पाठ्यक्रम का शीर्षक एम.ए. हिन्दी पाठ्यक्रम
(कुल क्रेडिट 78)

कोर्स कोड	कोर्स का शीर्षक	क्रेडिट
पहला सत्र		
HIN 501	साहित्य की समझ	2
HIN 502	साहित्य-लोक साहित्य	2
HIN 503	भाषाविज्ञान और हिन्दी भाषा	2
HIN 504	आरंभिक हिन्दी साहित्य : संदर्भ एवं पाठ	4
HIN 505	आरंभिक हिन्दी कथा साहित्य : संदर्भ एवं पाठ	2
HIN 506	प्रेमचंद और प्रेमचंदयुगीन कथा-साहित्य : संदर्भ एवं पाठ (प्रेमचंद केन्द्रित)	4
HIN 507	विविध गद्य रूप : इतिहास एवं पाठ (आत्मकथा, जीवनी, संस्मरण, रेखाचित्र, डायरी, पत्र, यात्रावतांत, व्यंग्य)	2
कुल		18
दूसरा सत्र		
HIN 551	मध्यकालीन हिन्दी साहित्य : ऐतिहासिक-सामाजिक परिप्रेक्ष्य (पद्य एवं गद्य)	2
HIN 552	भक्तिकाव्य : पाठ	4
HIN 553	रीतिकाव्य : पाठ	2
HIN 554	प्रेमचंदोत्तर कथा साहित्य : संदर्भ और पाठ	6
HIN 555	हिन्दी की संस्कृति (संस्थाएँ, पत्रिकाएँ, आंदोलन, प्रतिष्ठान एवं अन्य)	2
HIN 556	साहित्य-अध्ययन का वैचारिक परिप्रेक्ष्य-1''	2
HIN 557	इंटरनशिप : 555 एवं 651 से संबद्ध	2
कुल		20
तीसरा सत्र		
HIN 601	आधुनिक हिन्दी कविता : संदर्भ एवं पाठ (भारतेन्दु से मैथिलीशरण गुप्त)	4
HIN 602	स्वच्छंदतावाद, छायावाद और उत्तर छायावाद : संदर्भ एवं पाठ	4
HIN 603	हिन्दी कविता : संदर्भ एवं पाठ (तारसप्तक और उसके बाद)	4
HIN 604	साहित्य-अध्ययन का वैचारिक परिप्रेक्ष्य -2''	2
HIN 605	हिन्दी आलोचना और निबंध	4
कुल		18
चौथा सत्र		
HIN 651	हिन्दी नाटक और रंगमंच : संदर्भ एवं पाठ	4
HIN 652	साहित्यशास्त्रीय दृष्टियाँ : भारतीय, पाश्चात्य एवं अन्य	4
HIN 653	अस्मितामूलक साहित्य : विशेष संदर्भ स्त्री, दलित एवं आदिवासी (विमर्श तथा पाठ)	4
HIN 654	दिए गए विकल्पों ' ' में से किसी एक का विशेष अध्ययन	4
HIN 655	विशेष अध्ययन से संबंधित न्यूनतम दस हजार शब्दों का लघु शोधप्रबंध लेखन	4
HIN 656	मौखिकी	2
कुल		22

'' HIN 556, HIN 604 इतिहास, समाजशास्त्र, दर्शनशास्त्र, राजनीतिशास्त्र, मनोविज्ञान, नृत्यशास्त्र, विज्ञान और कला से जुड़ी दृष्टियों तथा अवधारणाओं का अध्ययन ।

''' HIN 654 विशेष अध्ययन हेतु विकल्प

1. ब्रजभाषा साहित्य
2. सूफी साहित्य
3. हिन्दी का समकालीन साहित्य
4. नाटक और रंगमंच
5. भाषाविज्ञान#
6. अनुवाद : सिद्धांत और व्यवहार
7. हिन्दी शिक्षण €
8. हिन्दी और जनसंचार : अखबार, रेडियो, टेलीविजन, सिनेमा और नया मीडिया
9. संस्कृति अध्ययन
10. तुलनात्मक साहित्य : भारतीय और वैश्विक संदर्भ
11. पांडुलिपि - अध्ययन और पाठालोचन
12. हिन्दी क्षेत्र का लोकसाहित्य
13. किसी एक हिन्दीतर भारतीय भाषा के साहित्य का विशेष अध्ययन*

स्वतंत्र भाषाविज्ञान विभाग खुलने पर

€ शिक्षा विभाग खुलने पर

* हिन्दीतर भारतीय भाषा विभाग खुलने पर

6. School of Media, Arts & Aesthetics

Human life is nourished by the elements of arts and aesthetics and the media is the center of human communication. In this respect Media, Arts and Aesthetics are the integral segments of human life. The academic study of these aspects of life is significant so far as the total development of human life is concerned. To fulfill the academic needs, behavioral patterns and cultivation of futuristic ideas and pattern of life are the mission of teaching, training and research in the school of Media, Arts and Aesthetics of CUSB.

The core idea behind School of Media, Arts and Aesthetics in CUSB is to develop such master level programs which combine various media, culture and arts forms together. India has a long history of arts and aesthetics, it is imperative to develop curricula which give holistic and practical input to the students. Dance, music, theater, painting, films and media are integral part of any society and Indian culture has a long and very robust heritage. The School of Media, Arts and Aesthetics wishes to be interdisciplinary in nature which enlarges students' umbrella of knowledge and understanding. Besides this the School aims to give hands-on practical knowledge of various forms of media, arts and aesthetics with rigorous industrial training modules. At present the School provides M.A. in Communication and Media Studies under Center for Mass Communication and Media. The program was established in 2011 with an objective to provide extensive media training. There is a dearth of good educated media professionals and academicians; the program has been designed to provide intended human resource to both media industry and academia. The specialization papers in the second year offer in-depth knowledge whereas the first year papers provide stout foundation. The Center for Mass Communication and Media believes in fabricating effective communicator in field of print, electronic, online, films, advertising and public relations etc.

6.1 Centre for Mass Communication and Media

Centre for Mass Communication and Media has been established in Central University of Bihar with an aim to promote quality media studies in higher education. Media is witnessing a steep growth country wide and there is an abundant demand of trained media professionals and academicians. The major thrust of the curriculum is to impart theoretical and practical knowledge of various aspects of media. The course is designed in such a way that it gives students an overall understanding of media with specialization in electronic journalism, electronic media production, online journalism and advance print. Industry training, institutional visits, field visits, live projects are integral component of the course. It abets the students in understanding the functioning of various media institutes and acquaints them with demanding media culture.

Media Lab

Centre for Mass Communication and Media has two labs, namely, electronic media production lab and computer lab. Electronic media production lab is well equipped with professional cameras (Panasonic), audio console, video mixer and Apple Mac-Pro editing suite with necessary softwares. Computer lab comprises of a set of ten computers loaded with Quark Express, Adobe Masters Collection CS 5.5 which consists of Photoshop, Indesign, Illustrator, Flash, Dreamweaver, Fireworks, Adobe Premiere, and Adobe Audition. Further, handy cameras, digital still cameras provision of film screening are also available in the lab. In future, the Centre plans to establish highly advance electronic media studio. Besides, Hindi and English newspapers and magazines are available to students to inculcate good reading habits; a television set with digital connection to give practical inputs regarding the latest trends in electronic media.

6.1.1 MA in Communication & Media Studies

During the last couple of decades the Media in the country has grown by leaps and bounds and is now rated amongst the four biggest Media industry of the world. Remarkable improvements have been observed in the areas of content and their presentation, production techniques, technical quality, transmission of programmes and audience/readers feedback and research. The number of broadcast channels, users of internet/multimedia and circulation of newspapers has increased enormously, thereby, increasing the demand for well-educated and trained media professionals in the fields of online, print and broadcast journalism, fiction and non-fiction programmes for radio and television, media research and allied disciplines. A youth intending to join the media profession today need to attend a very good foundation course to learn the art and craft of media and ability to communicate effectively through state-of-the-art technology and also develop a media specialization in his/her area of interest. This course has been designed keeping in mind the current and future needs of media profession with provision of specializations in print, broadcast (radio and television), online and media research.

List of Courses in MA Communication & Media Studies (78 Credits)

Course Code	Course Title	Credits
Semester - I		
CMS 501	Communication : Concept and Process	4
CMS 502	Evolution of Media	4
CMS 503	Print Journalism	4
CMS 504	Computer Applications in Media	4
CMS 505	Contemporary Issues in Media-1	2
Total		18
Semester – II		
CMS 551	Contemporary Issues in Media-2	2
CMS 552	Broadcast Journalism	4
CMS 553	Communication Research	4
CMS 554	Media Laws and Ethics	2
CMS 555	Development Communication (Open Course)	4
CMS 556	Communication Skills (Open Course)	2
Total		18
CMS 557	Summer Internship	4
Semester – III		
CMS 601	Visual Communication	4
CMS 602	Communication Technology and New Media	4
CMS 603	Advertising	2
CMS 604	Public Relations and Corporate Communication	2
CMS 605	Dissertation – I	2
CMS ***	Elective - I *	4
CMS ***	Elective – II*	4
Total		22
* Any two of the Elective courses from CMS 606- to CMS 609.		
Semester - IV		
CMS 651	Dissertation - II	4
CMS 652	Media Management	4
CMS ***	Elective – III #	4
CMS ***	Elective – IV #	4
Total		16

Note: # Two of the Elective Courses from CMS 653 to CMS 656. However, CMS 606 & CMS 653, CMS 607 & CMS 654, CMS 608 & CMS 655, and CMS 609 & CMS 656 shall constitute the cluster of Elective Courses.

Open Courses: CMS 555 & CMS 556

Elective Basket		
Course Code	Course Title	Credits
Semester - III		
CMS 606	Advance Print and Online Journalism	4
CMS 607	Electronic Journalism	4
CMS 608	Radio Fiction and Non-fiction (Non news programme production)	4
CMS 609	TV/Video Fiction and Non-fiction (Non news programme production)	4

Course Code	Course Title	Credits
Semester - IV		
CMS 653	Newsletter and News Website designing *	4
CMS 654	Radio/TV News Programme Production*	4
CMS 655	Radio Fiction and Non-fiction (Non news programme production)*	4
CMS 656	TV/Video Fiction and Non-fiction (Non news programme production)*	4

7. School of Law and Governance

Globalization has changed the legal landscape in emerging economies and blurred the boundaries between global and local. It has been transforming virtually every sector of the world's economy, and which have important implications for the rapidly globalizing market for legal services. Therefore, quality legal education is to be imparted to the law students taking into consideration the changing needs of the society and in the changing era of globalization. The traditional views of legal education and research have become relic of the past. Now, a lawyer is expected to serve not only within the country but outside our country. They are also expected to start their carriers with renowned global law firms and global law schools etc. Different opportunities are there before the law students now and these are ever widening e.g. legal actors, legislators, judges, civil servants, policy makers, lawyer in defense services, lawyer of banking and insurance sectors, corporate lawyers, corporate lobbyists, legal academicians and editorial writers, jobs in Legal Process Outsourcing(LPO) and many more. The new notion of law and jurisprudence demands a different attitude to legal studies and research. Students need to pay proper attention to

the other related disciplines of study and to equip themselves as valuable knowledge workers and human resources to keep pace with the changing demand of the time.

Central University of South Bihar (CUSB) has adequate infrastructural facilities to provide the perfect ambience for interdisciplinary studies in law, in its true sense. School of law and governance, CUSB, is not only imbued with multidisciplinary approach to the legal studies and research but it is making genuine efforts to disseminate such approach to both the privileged and underprivileged learners and researchers of law and jurisprudence. The school is striving towards imparting quality legal education to the students including the students who are from poor, oppressed, downtrodden and backward communities of the society. The mission of the school is to equip the students with critical, analytical and applied skills and also to make both transactional and litigating lawyers.

7.1.1 Integrated BA.LLB (Hons.)

The five-year (10 semesters) Integrated BA.LLB (Hons.) programme is designed to impart quality legal education to the students with subjects like Political Science, Sociology, Economics, Philosophy, Psychology, Legal History along with English. It consists of total 54 subjects and ten semesters. These include 8 Honors Law papers, 28 General Law papers, 4 Clinical Law papers, 2 English Language papers, and 12 Social Science papers.

7.1.2 Integrated BSc.LLB (Hons.)

The five-year (10 semesters) Integrated BSc.LLB (Hons.) programme is designed to impart quality legal education to the students with subjects like Physics, Chemistry, Life Science, along with English as compulsory subjects. This programme provides clear understanding of the principle related to science and law. It consists of total 54 subjects and ten semesters. These include 8 Honors Law papers, 28 General Law papers, 4 Clinical Law papers, 2 English Language papers, and 12 Science papers.

Course Structure of Integrated BA.LLB (Hons.) and Integrated BSc.LLB (Hons.) programmes

Integrated BA.LLB (Hons.)				Integrated BSc.LLB (Hons.)		
S.No	Course Code	Course Title	Credits	Course Code	Course Title	Credits
Semester-I				Semester-I		
1.	LAW 101	Legal Method	4	LAW101	Legal Method	4
2.	LAW 102	Law of Torts	4	LAW102	Law of Torts	4
3.	PSC 111	Political Science-I [Political Theory]	4	CHE111	Chemistry-I [Concept of Chemistry]	4
4.	SOC111	Sociology-I [Concept and Theory]	4	LSC111	Life Science-I [Cell and Molecular Biology]	4
5.	ENG 111	English-I [Communication skill]	4	ENG111	English-I [Communication skill]	4
Semester-II				Semester-II		
1.	LAW 150	Contract-I	4	LAW 150	Contract-I	4
2.	LAW 151	Constitutional Law-I	4	LAW 151	Constitutional Law-I	4
3.	ENG 161	English-II [Legal Language]	4	ENG 161	English-II [Legal Language]	4
4.	ECO 161	Economics-I [General Principles of Micro Economics]	4	PHY 161	Physics-I [Basic Electronics]	4
5.	HIS 161	History-I [Ancient Justice system]	4	LSC 161	Life Science-II [Human Physiology]	4

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Integrated BA.LLB (Hons.)				Integrated BSc.LLB (Hons.)		
S.No	Course Code	Course Title	Credits	Course Code	Course Title	Credits
Semester- III				Semester- III		
1.	LAW 200	Contract-II	4	LAW 200	Contract-II	4
2.	LAW 201	Constitutional Law-II	4	LAW 201	Constitutional Law-II	4
3.	LAW 202	Criminal Law I [IPC]	4	LAW 202	Criminal Law I [IPC]	4
4.	SOC 211	Sociology-II [Indian Sociology]	4	CHE 211	Chemistry-II [Techniques of Chemistry]	4
5.	PSC 211	Political Science-II [Political Obligation]	4	PHY 211	Physics-II [Digital Circuits and Microprocessors]	4
Semester-IV				Semester-IV		
1.	LAW 250	Criminal Law-II [Cr.PC.]	4	LAW 250	Criminal Law II [Cr.PC.]	4
2.	LAW 251	Family Law-I	4	LAW 251	Family Law-I	4
3.	LAW 252	Law of Evidence	4	LAW 252	Law of Evidence	4
4.	PHL 261	Philosophy-I [Logic and Legal Reasoning]	4	CHE 261	Chemistry-III [Physical Chemistry]	4
5.	HIS 261	History-II [Legal History]	4	PHY 261	Physics-III [Applied Physics]	4
Semester-V				Semester-V		
1.	LAW 300	Family Law-II	4	LAW 300	Family Law-II	4
2.	LAW 301	Civil Procedure Code [CPC]	4	LAW 301	Civil Procedure Code [CPC] (CPC)	4
3.	LAW 302	Property Law (T.P. Act)	4	LAW 302	Property Law (T.P. Act)	4
4.	ECO 311	Economics-II [General Principles of Macro Economics]	4	LSC 311	Life Science-III [Fermentation Technology]	4
5.	PSC 311	Political Science-III [International Relations]	4	CHE 311	Chemistry-IV [Medicinal Chemistry]	4
Semester-VI				Semester-VI		
1.	LAW 350	Jurisprudence	4	LAW 350	Jurisprudence	4
2.	LAW 351	Public International Law	4	LAW 351	Public International Law	4
3.	LAW 352	Administrative Law	4	LAW 352	Administrative Law	4
4.	PSC 361	Political Science-IV [Public policy and Administration]	4	PHY 361	Physics- IV [Communication Technology]	4
5.	PSY 361	Psychology- I [General and Criminal Psychology]	4	LSC-361	Life Science- IV [Plant and Animal Biotechnology]	4
Semester-VII				Semester-VII		
1.	LAW 400	Interpretation of Statutes & Principles of Legislations	4	LAW 400	Interpretation of Statutes & Principles of Legislations	4
2.	LAW 401	Labour Law- I	4	LAW 401	Labour Law- I	4
3.	LAW 402	Environmental Law	4	LAW 402	Environmental Law	4
4.	LAW 403	Company Law- I	4	LAW 403	Company Law- I	4
5.	LAW 404	Comparative Constitution [Hons.-I]	6	LAW 404	Comparative Constitution [Hons.-I]	6
6.	LAW 405	Financial Market Regulations [Hons.-II]	6	LAW 405	Financial Market Regulations [Hons.-II]	6
Semester- VIII				Semester- VIII		
1.	LAW 450	Company Law-II	4	LAW 450	Company Law-II	4
2.	LAW 451	Taxation Law-I	4	LAW 451	Taxation Law-I	4
3.	LAW 452	Labour Law-II	4	LAW 452	Labour Law-II	4
4.	LAW 453	Alternative Dispute Resolution [Clinical Paper- I]	4	LAW 453	Alternative Dispute Resolution [Clinical Paper- I]	4
5.	LAW 454	Merger & Acquisition [Hons.-III]	6	LAW 454	Merger & Acquisition [Hons.-III]	6
6.	LAW 455	GATT & WTO [Hons.-IV]	6	LAW 455	GATT & WTO [Hons.-IV]	6

Integrated BA.LLB (Hons.)				Integrated BSc.LLB (Hons.)		
S.No	Course Code	Course Title	Credits	Course Code	Course Title	Credits
Semester- IX				Semester- IX		
1.	LAW 500	Intellectual Property Laws	4	LAW 500	Intellectual Property Law	4
2.	LAW 501	Drafting, Pleading & conveyancing [Clinical Paper- II]	4	LAW 501	Drafting, Pleading & conveyancing [Clinical Paper- II]	4
3.	LAW 502	Taxation-II	4	LAW 502	Taxation-II	4
4.	LAW 503	Conflict of Laws	4	LAW 503	Conflict of Laws	4
5.	LAW 504	Women & Criminal Law [Hons.-V]	6	LAW 504	Women & Criminal Law [Hons.-V]	6
6.	LAW 505	Copyright & Design [Hons.-VI]	6	LAW 505	Copyright & Design [Hons.-VI]	6
Semester- X				Semester- X		
1.	LAW 550	Professional Ethics [Clinical Paper- III]	4	LAW 550	Professional Ethics [Clinical Paper- III]	4
2.	LAW 551	Moot Court and Internship [Clinical Paper- IV]	4	LAW 551	Moot Court & Internship [Clinical Paper- IV]	4
3.	LAW 552	Human Rights and Humanitarian Law	4	LAW 552	Human Rights and Humanitarian Law	4
4.	LAW 553	Banking and Insurance Law	4	LAW 553	Banking and Insurance Law	4
5.	LAW 554	Criminology & Penology [Hons.-VII]	6	LAW 554	Criminology & Penology [Hons.-VII]	6
6.	LAW 555	Cyber Law [Hons.-VIII]	6	LAW 555	Cyber Law [Hons.-VIII]	6

8. School of Education

Central University of South Bihar has gone ahead by launching Four-Year Integrated programmes in the two streams, viz. BA.BEd. and BSc.BEd. from the academic session 2013-14. Further, to cater the demand of quality teacher educators and researchers in the field of education, the school is looking forward to start research programmes and Special Education programmes.

The goal of the school is to grow as an excellent hub with international identity for quality research and innovations in education by following best practices to bridge the gaps between theory and practice in teacher education and to work as nodal centre to spread such best practices in the whole state of Bihar. To achieve its goal, the school possess a team of able and sensitive teachers striving to promote high standards of knowledge, professional skills, cultural understanding, social responsibility and synergistic progress within a truly multicultural educational environment among the prospective teachers. It offers state-of-art curricula incorporating the modern thoughts in the field of teacher education. It also provides sensitization regarding the need, value and place of teaching profession through ample practical experiences. The evaluation of all the programmes in the School is continuous and internal in nature and is based on regular class participation, assignments, presentations, seminars, project, practical laboratory works, mid-semester exams, end-semester exams and especially school/field experience programme/Internship, as designed in the programme structure.

8.1 Four-year Integrated BA.BEd and BSc.BEd Programmes

BA.BEd and BSc.BEd programmes aim to equip the students with the contextual competency by providing basic knowledge in core subjects and orient them to quality teaching skills. The students are being provided an exposure to education oriented courses in each semester along with efficient training in both languages Hindi and English in first two semesters, as required, for development of better communication skills specially desired for teaching. Special emphasis is given on the development of teaching aptitude and acquisition of ideal values of teaching profession. It is hoped that students will develop motivation and professional attitude of teaching by promoting innovations in teaching-learning process and will be ready to get inducted in noble profession of teaching.

8.1.1 Integrated BA.BEd Programme

The four-year (eight semesters) BA.BEd programme is an integrated programme, which is designed to develop teaching competence among students with subjects like Political Science, History, Sociology, Economics, Languages (Hindi/English/Urdu) along with language proficiency for better communication skills.

8.1.2 Integrated BSc.BEd Programme

The four-year (eight semesters) BSc.BEd programme is an integrated programme, which is designed to develop teaching competence among students with subjects like Physics, Chemistry, Mathematics, Animal Science, Plant Science, and Computer Science along with language proficiency for better communication skills.

Integrated BA.BEd and BSc.BEd Programme (Total VIII Semesters)
(Total Credits in Each Semester = 20) & (Total Credits in the Programme = 160)
Course Structure

Semester – I					
Education Courses (8 credits)					
Course Code		Course Title		Credits	
EDU 101		Language Proficiency		2	
EDU 102		Holistic Education		2	
EDU 103		Indian Society, Education and Development		4	
BA Courses			BSc Courses		
(Three Subjects of 4 credits each as per the regulations)			(Three Subjects of 4 credits each as per the regulations)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 101	Introduction to English Language	4	MTH 101	Introductory Mathematics	4
HIN 101	हिंदीभाषा एवं साहित्य: उद्भव एवं विकास	4	PHY 101	Mechanics - 3 credit + Practical - 1 credit	4
URD 101	Origin and Development of Urdu Language	4	CHE 101	Atomic Structure, Bonding and features of s- and p- Block Elements	4(3L+1P)
ECO 101	Basic Principles of Economics	4	ALS 101	Animal Taxonomy	4(3L+1P)
PSC 101	Basic Principles of Political Science	4	PTS 101	Plant Taxonomy	4(3L+1P)
GEO 101	Physical Geography	4	CSC 101	Fundamental of Computer Sciences	4
SOC 101	Introduction to Sociology	4			
HIS 101	Ancient Indian History upto 1206 A.D.	4			
Semester – II					
Education Courses (8 credits)					
Course Code		Course Title		Credits	
EDU 151		Language Proficiency		2	
EDU 152		Environmental Education		2	
EDU 153		Cognitive Psychology		2	
EDU 154		Basics in Education		2	
BA Courses			BSc Courses		
(Three Subjects of 4 credits each as opted in Semester-I)			(Three Subjects of 4 credits each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 151	Introduction to English Literature I: Understanding Poetry	4	MTH 151	Analysis-I	4
HIN 151	प्राचीन एवं मध्यकालीनकाव्य	4	PHY 151	Elasticity, Waves, Thermodynamics - 3 credit + Practical – 1 credit	4
URD 151	History, Socio Cultural Influence, Schools, movements and trends of Urdu Languages and Literature	4	CHE 151	States of Matter and Nuclear Chemistra	4(3L+1P)
ECO 151	Microeconomics	4	ALS 151	Biochemistry & Cell Biology	4(3L+1P)
PSC 151	Indian Government and Politics	4	PTS 151	Genetics & Evolution	4(3L+1P)
GEO 151	Climatology and Oceanography	4	CSC 151	Data Structures (using “C”)	4
SOC 151	Social Change and Social Control	4			
HIS 151	Medieval Indian History 1206 to 1756	4			

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Semester – III					
Education Courses (8 credits)					
Course Code		Course Title			Credits
EDU201		Psychology of learning and Learner			2
EDU202		Secondary Education in India			2
EDU203		Human Abilities and Measurement (HAM)			2
EDU204		Practicum in HAM			2
BA Courses			BSc Courses		
(Three Subjects of 4 credits each as opted in Semester-I)			(Three Subjects of 4 credits each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG201	Introduction to English Literature II: Understanding Drama	4	MTH201	Linear Algebra and ODE	4
HIN201	हिंदी कथासाहित्य: उद्भव, विकास एवं पाठ (कहानी एवं उपन्यास)	4	PHY 201	Electricity and Magnetism – 3 credit + Practical – 1 credit	4
URD 201	Important Centres of Urdu Literature	4	CHE201	Organic Chemistry	4(3L+1P)
ECO 201	Macroeconomics	4	ALS 201	Molecular Biology & Immunology	4(3L+1P)
PSC 201	Indian Political Thought	4	PTS 201	Ecology & Environmental Biology	4(3L+1P)
GEO201	Geography of India	4	CSC201	Mathematical Foundations of Computer Science	4
SOC 201	Indian Society: Issues and Problems	4			
HIS 201	Modern Indian History 1757 to 1857	4			
Semester – IV					
Education Courses (8 credits)					
Course Code		Course Title			Credits
EDU251		ICT in Education			4
EDU252		Assessment of Learning			2
EDU253		Educational Statistics			2
BA Courses			BSc Courses		
(Three Subjects of 4 credits each as opted in Semester-I)			(Three Subjects of 4 credits each as opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG251	Introduction to English Literature III: Understanding Prose-Fiction	4	MTH251	Analysis- II	4
HIN251	आधुनिक हिंदी काव्य	4	PHY 251	Optics and Lasers - 3 credit + Practical – 1 credit	4
URD 251	Grammar, Rhetoric and Prosody	4	CHE 251	Physical Chemistry-I Thermodynamics, Equilibrium and Solutions	4(3L+1P)
ECO251	Indian Economy: Problems and Prospects	4	ALS 251	Animal Biodiversity	4(3L+1P)
PSC 251	International Relations From 1914 to the Present	4	PTS 251	Plant Biodiversity	4(3L+1P)
GEO251	Evolution of Geographical Thought	4	CSC251	Operating Systems	4
SOC 251	Sociological Thought	4			
HIS 251	Modern Western Civilization 1776 to 1945	4			

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Semester – V					
Education Courses (8 credits)					
Course Code		Course Title		Credits	
EDU 301		Curriculum Development		2	
EDU 302		Pedagogy of Subjects – I		2	
EDU 303		Pedagogy of Subjects – II		2	
EDU 304		Education and Value Inculcation		2	
BA Courses			BSc Courses		
(Any two Subjects of 6 credits each out of the three subjects opted in Semester-I)			(Any two Subjects of 6 credits each out of the three subjects opted in Semester-I)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG 301	History of English Language & Literature I	3	MTH 301	Algebra 1	3
ENG 302	Novels in English	3	MTH 302	Differential Equations	3
HIN 301	काव्यशास्त्र: भारतीय एवं पाश्चात्य	3	PHY 301	Electronics - 3 credit + Practical – 1 credit	4
HIN 302	हिंदी निबंध एवं आलोचना	3	PHY 302	Kinetic Theory & Statistical Mechanics	2
URD 301	Literary Personalities (Creative Writers)	3	CHE 301	Transition Elements and Coordination Compounds	2(2L)
URD 302	Literary Personalities (Non-Creative Writers)	3	CHE 302	Chemicals Kinetics and Surface Phenomena	2(2L)
ECO 301	Elements of Statistics for Economic Analysis	3	CHE 303	Chemistry Practical	2(2P)
ECO 302	Elements of Mathematics for Economic Analysis	3	ALS 301	Animal Behaviour & Applied Animal Science	6(4L+2P)
PSC 301	Western Political Thought	3	PTS 301	Plant Pathology & Applied Plant Science	6(4L+2P)
PSC 302	Comparative Government and Politics	3	CSC 301	Computer Network	3
GEO 301	Human Geography	3	CSC 302	Database Management Systems	3
GEO 302	Environmental Geography	3			
SOC 301	Society and Religion	3			
SOC 302	Social Movement	3			
HIS 301	Historiography	3			
HIS 302	History of Indian National Movements 1858 to 1947	3			
Semester – VI					
Education Courses (8 credits)					
Course Code		Course Title		Credits	
EDU 351		Pedagogy of Subjects – I		2	
EDU 352		Pedagogy of Subjects – II		2	
EDU 353		Practicum : School Observation		1	
EDU 354		Micro Teaching		1	
EDU 355		School Management		2	
BA Courses			BSc Courses		
(Two Subjects of 6 credits each as opted in Semester-V)			(Two Subjects of 6 credits each as opted in Semester-V)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
EENG351	History of English Language and Literature II	3	MTH 351	Analysis III	3
ENG 352	Indian English Poetry and Drama	3	MTH 352	Coordinate Geometry and Complex Analysis	3
HIN 351	विविध गद्य-रूप	3	PHY 351	Quantum Mechanics- 3 credit+ Practical – 1 credit	4
HIN 352	प्रयोजनमूलक हिंदी	3	PHY 352	Relativity	2

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Course Code	Course Title	Credits	Course Code	Course Title	Credits
URD 351	Critical and Biographical study of the prescribed Authors and their works	3	CHE351	Organic Chemistry-II	2(2L)
URD 352	Critical and Biographical study of the prescribed authors and their works (Prose)	3	CHE352	Organic Chemistry - III	2(2L)
ECO 351	International Trade and Balance of Payments	3	CHE353	Chemistry Practical	2(2P)
ECO 352	Growth and Development	3	ATS 351	Animal Physiology	6(4L+2P)
PSC 351	Basic Principles of Public Administration	3	PTS 351	Plant Physiology and Plant Development Biology	6(4L+2P)
PSC 352	India's Foreign Policy	3	CSC 351	Web Technology & Web Programming	3
GEO351	Economic Geography	3	CSC 352	Software Engineering	3
GEO352	Geography of Development	3			
SOC 351	Sociology of Gender	3			
SOC 352	Political Sociology	3			
HIS 351	India and Contemporary world	3			
HIS 352	History of West Asia in 20th Century	3			

**Semester – VII
Education Courses (8 credits)**

Course Code	Course Title	Credits
EDU401	Human Development	4
EDU402	School Experience Programme – I	4

BA Courses

(Two Subjects of 6 credits each as opted in Semester-V)

BSc Courses

(Two Subjects of 6 credits each as opted in Semester-V)

Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG402	Indian English Novel	3	MTH402	Programming in C with Numerical Methods	3
HIN401	नाटक एवं रंगमंच	3	PHY 401	Atomic & Molecular Physics – 3 credit + Practical – 1 credit	4
HIN402	अनुवाद: सिद्धांत एवं अनुप्रयोग	3	PHY 402	Electrodynamics and Plasma Physics	2
URD401	Explanation and Analytical study of Creative writings from prescribed text books (Poetry)	3	CHE-401	Electrochemistry-I (Including redox chemistry)	2(2L)
URD402	Explanation and Analytical study of Creative Writings from prescribed text books	3	CHE-402	Electrochemistry – II and photochemistry (Prose)	2(2L)
ECO401	Public Finance	3	CHE-403	Chemistry Practical	2(2P)
ECO402	Money, Financial Institutions and Markets	3	ALS 401	Developmental Biology & Endocrinology	6(4L+2P)
PSC 401	United Nations Organisation	3	PTS 401	Microbiology	6(4L+2P)
PSC 402	Issues in Indian Politics	3	CSC 401	Computer Architecture	3
GEO401	Agricultural Geography	3	CSC 402	Design and Analysis of Algorithm	3
GEO402	Urban Geography	3			
SOC 401	Methods of Social Research	3			
SOC 402	Environment and Society	3			
HIS 401	History of far East Asia in 20th Century	3			
HIS 402	History of South East Asia in 20th Century	3			

**Semester – VIII
Education Courses (8 credits)**

Course Code	Course Title	Credits
EDU451	School Experience Programme – II	2
EDU452	Reflective Journal	2
EDU ***	Elective – I	2
EDU ***	Elective – II	2

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BA Courses (Two Subjects of 6 credits each as opted in Semester-V)			BSc Courses (Two Subjects of 6 credits each as opted in Semester-V)		
Course Code	Course Title	Credits	Course Code	Course Title	Credits
ENG451	Introduction to Contemporary Literary Theory and Practical Criticism	3	MTH451	Probability and Statistics	3
ENG ***	Elective Course	3	MTH ***	Elective - I	3
HIN451	भारतीय साहित्य एवं हिंदी का लोकसाहित्य	3	PHY 451	Solid State Physics - 3 credit + Practical – 1 credit	4
HIN452	स्मकालीन हिंदी साहित्य	3	PHY 452	Nuclear Physics	2
URD451	Dissertation	6	CHE451	Spectroscopy and Natural Products	2(2L)
			CHE452	Dyes, Drugs, Macromolecules and Heterocyclics	2(2L)
ECO ***	Elective -I	3	CHE453	Chemistry Practical	2(2P)
ECO ***	Elective-II	3	ALS 451	Animal Biotechnology & Project Work	6(4+2)
PSC 451	Regional Organizations	3	PTS 451	Plant Biotechnology & Project Work	6(4+2)
PSC 452	Gandhian Philosophy and Action	3	CSC 451	Object Oriented Programming using JAVA	3
GEO451	Remote Sensing and Geographical Information System	3	CSC 452	Mini Project	3
GEO452	Field Study and Project Report	3			
SOC 451	Moorings of Indian Society	3			
SOC 452	Indian Society in Transition	3			
HIS 451	History of U.S.A. in 20th Century	3			
HIS 452	History of U.S.S.R in 20th Century	3			
Elective Basket of Education (Semester – VIII)					
Course Code	Course Title	Credits			
EDU 453	Inclusive Education	2			
EDU 454	Guidance and Counselling	2			
EDU 455	Population Education	2			
EDU 456	Education of Children with Special need	2			
EDU 457	Distance Education and Open Learning	2			
Elective Basket of Mathematics (Semester – VIII) (Any one electives from the following)					
MTH452	Linear Programing	3			
MTH453	Discrete Mathematics	3			
MTH454	Graph Theory	3			
MTH455	Number Theory	3			
MTH456	Statistics and Dynamics	3			
MTH457	Mechanics	3			
Elective Basket of Economics (Semester – VIII) (Any two electives from the following)					
ECO 451	Environmental Economics	3			
ECO 452	Basic Econometrics	3			
ECO 453	Financial Economics	3			
ECO 454	Human Development	3			
Elective Basket of English (Semester – VIII) (Any one elective from the following)					
ENG452	American Literature	3			
ENG453	Literature and Nature	3			
ENG454	Women's Literature	3			
ENG455	Language and Linguistics	3			

9. School of Vocational Studies

B.Voc (Arts & Crafts) (to be offered at Gaya Campus)

Indian craftsmen/women and artisans are well-known for their outstanding skills. However, nowadays they are neither getting due social recognition nor appropriate remuneration for their precious products. Many of these traditional crafts and Lok Vidya, in this region, are close to extinction; the families of the master craftsmen/women have been migrating to other occupations for survival.

The establishment of a Centre for Arts and Crafts, wherein talented artisans and craftsmen would impart their knowledge to the students, is one method of preserving as well as further development on these traditional crafts. The proposed 3-year B. Voc. (Arts and Crafts) shall provide unique opportunities of learning and acquiring multiple skills so as to make young students (10+2) admitted to the programme capable to innovate designs and marketable products. The students will have opportunities to learn in classrooms, arts / crafts workshops and at the studio of master craftsman/woman.

The underprivileged students would also be taught on, among others, Business Environs, contemporary marketing practices and business strategies. This will facilitate the students to develop themselves as competent professionals in chosen field(s) of arts and crafts.

Students who study and practice the arts and crafts have an increasing potential of getting jobs in the arts and in arts-

related fields. Briefly, the arts and crafts by now have acquired the status of business, one that has created rooms for a quite variety of careers. A large array of arts-, and design-related jobs and career opportunities is available in a wide array of industry, as well. It is also an area of possibilities of viable self-employment and a decent livelihood. As with most contemporary artists, he or she anticipates creating not only functional but aesthetically unique products. For example, a woodworker who designs fine original furniture may choose to incorporate design, techniques, and materials from sculptors that marry both forms. Even in seemingly less artistically oriented vocations the trend is towards reworking and creativity.

The students would be awarded Diploma Certificate if they leave after one year; Advanced Diploma if they leave after completion of 2 year of study, and B. Voc degree after successful completion of 3 years.

Eligibility : 10+2 level or its equivalent, from any stream, without any minimum marks.

Eligible candidate has to download the application from the CUSB website www.cub.ac.in. The filled in application shall be submitted (by hand or Speed Post) to **Controller of Examinations**, Central University of South Bihar, BIT Campus, P.O.-B.V. College, Patna-800014. There is no application fee. A few scholarships may be available.

Semester - I		Semester - II	
Course Title	Credits	Course Title	Credits
Language and Communication - Part I (Hindi/English)	01	Language and Communication - Part II (English/Hindi)	01
Health & Hygiene	01	Consumer Behaviour Theories (Economics)	01
Fundamentals of Arts and Crafts	02	Indian Social System (Sociology)	01
Shapes & Designs (Maths/Geometry)	02	Democracy & Parliamentary System in India (Political Science)	01
Material Science	02	Cognitive Processes (Psychology)	01
Sub-total	08	Environment and Ecology	01
Practical - I (All of the Elective Basket in 1st Semester)		Introduction to Computer & its various uses	02
• Drawing and Composition	06	Sub-total	08
• Developing Colours and forms	06	Practical- II (Select one from the Elective Basket)	
Total	20	• Workshop/Studio/Institution Trip (submission of Documents, Product and Process)	02
Elective Basket		• Material exploration at the Workshop	04
• Paintings		• Product Development (As per entry-level skills)	06
• Textiles		Total	20
• Ceramics & glass work		Elective Basket	
• Wood & stone craft		• Paintings	
• Metal craft		• Textiles	
• Applied craft		• Ceramics & glass work	
		• Wood & stone craft	
		• Metal craft	
		• Applied craft	

PROSPECTUS-2015

Semester - III		Semester - IV	
Course Title	Credits	Course Title	Credits
Business Accountancy - I	02	Business Accountancy - II	02
History of Arts & Crafts in India	01	Business Management	01
Advertising (Communication & Media)	01	Shapes & Dimensions (Maths)	02
History of Modern India	01	Locating Resources (Geography)	01
Fundamentals of Human Rights	01	Computer Aided Design (CAD) (Design-2D)	02
Material : Method & Processes (Science)	02	Sub-total	08
Sub-total	08	Practical- IV (Select one from the Elective Basket)	
Practical - III (Select one from the Elective Basket)		• Institution Trip (submission of Documents, Product and Process)	02
• Field Trip and work in the area of specialization	12	• Product Development and Metaphor of the product (As per entry level skills) Fusion of Skills / Two or more Crafts (Learned in previous semesters)	10
Total	20	Total	20
Elective Basket		Elective Basket	
• Paintings		• Paintings	
• Textiles		• Textiles	
• Ceramics & glass work		• Ceramics & glass work	
• Wood & stone craft		• Wood & stone craft	
• Metal craft		• Metal craft	
• Applied craft		• Applied craft	
Semester - V		Semester - VI	
Course Title	Credits	Course Title	Credits
Apparel Design	01	Intellectual Property Rights (Law)	02
Product Design	01	Marketing Management	02
Graphic Design	01	Public Relations (Communication and Media)	02
Textile Design	01	Sub-total	08
Ceramic & Glass Design	01	Practical/Dissertation (Final: Project undertaken in Semester-V)	
Furniture Design	01	• Project - I (Craft specific) Documentation	04
Toy & Game Design	01	• Project - II Creative Skills (Practical + Open demonstration of one's own product)	08
Design (Computer Aided Design) - 3D	01	Total	20
Sub-total	08		
Practical - V (Select one from the Elective Basket)			
• Production Project	12		
Total	20		
Elective Basket			
• Paintings			
• Textiles			
• Ceramics & glass work			
• Wood & stone craft			
• Metal craft			
• Applied craft			

ANNEXURE – ‘A’

Fee Structure for Integrated Undergraduate Programmes

S. No.	Particular/ Head	Amount (₹)
A	One-time Fee (for 4 / 5 years integrated programmes)	
1	Admission	₹500
2	Enrolment	₹ 1,000
3	Identity Card	₹ 100
4	Security Deposit (Refundable)	₹ 1,000
5	Library / Magazine/News Letter	₹ 2,000
6	Cultural Activities	₹ 2,000
7	Games/Athletics	₹ 1,000
B	Semester Fee	
1	Tuition	₹ 2,000
2	Laboratory (only for BSc. LLB & BSc. BEd)	₹ 1,000
3	Computer Lab (for all UG Programme)	₹ 500
4	Evaluation	₹ 500
<p>Note : Premium for Vidyarthi Medi-claim Policy ₹589 to be deposited annually. Following fees will be deposited at the time of admission :</p>		
Programmes		First Semester Fee
05 year Integrated BSc.LLB (Hons) & 04 year Integrated BSc.BEd		₹12,189 (₹ 10,189 for SC/ST)
05 year Integrated BA.LLB (Hons) & 04 year Integrated BA.BEd		₹ 11,189 (₹ 9,189 for SC/ST)
Fee Structure for B.Voc. (Arts & Crafts) Programme		
S.No.	Particular/ Head	Amount (₹)
A	One-time Fee (For Six semesters)	
1	Admission	₹ 500
2	Enrolment	₹ 500
3	Identity Card	₹100
4	Security Deposit (Refundable)	₹1,000
5	Library / Magazine/News Letter	₹ 1,000
6	Cultural Activities	₹ 1,000
7	Games/Athletics	₹ 500
B	Semester Fee	
1	Tuition	₹ 500
2	Laboratory	₹ 1,000
<p>Note : Premium for Vidyarthi Medi-claim Policy ₹ 589 to be deposited annually. Total amount of fees to be deposited at the time of admission: ₹ 6,689</p>		

Fee Structure for Postgraduate Programmes

S. No.	Particular/ Head	Amount (₹)
A	One-time Fee (for 2 years)	
1	Admission	₹ 500
2	Enrolment	₹ 1,000
3	Identity Card	₹ 100
4	Security Deposit (Refundable)	₹ 1,000
5	Library / Magazine/News Letter	₹ 1,500
6	Cultural Activities	₹ 1,000
7	Games/Athletics	₹ 500
B	Semester Fee	
1	Tuition (for Basic Programmes - Development Studies, Economics, English, Hindi, Political Science & International Relations, Mathematics, Psychology, Sociology, Computer Science, Life Science and Statistics)	₹ 2,500
2	Tuition (for Professional Programmes: Bioinformatics, Biotechnology, Communication & Media Studies and Environmental Science)	₹ 3,500
3	Tuition (for MTech Computer Science)	₹ 6,500
4	Laboratory (for MSc Computer Science, Life Science and MTech Computer Science)	₹ 1,000
5	Laboratory (for Professional Programmes: Bioinformatics, Biotechnology, Communication & Media Studies & Environmental Science)	₹ 2,000
6	Computer Lab (except MSc/MTech Computer Science, Bioinformatics) ‘	₹ 500
7	Evaluation	₹ 500

Note : Premium for Vidyarthi Medi-claim Policy ₹ 589 to be deposited annually.

Following amount of fees to be deposited at the time of admission:

Masters Programmes		First Semester Fee for GEN & OBC (₹)	First Semester Fee for SC/ST (₹)
MA	Development Studies, Economics, English, Hindi, Political Science & International Relations, Psychology and Sociology	₹ 9,689	₹ 7,189
MA	Communication & Media Studies	₹ 12,689	₹ 9,189
MSc	Mathematics and Statistics	₹ 9,689	₹ 7,189
MSc	Computer Science	₹ 10,189	₹ 7,689
MSc	Bioinformatics	₹ 12,189	₹ 8,689
MSc	Life Science	₹ 10,689	₹ 8,189
MSc	Biotechnology and Environmental Science	₹ 12,689	₹ 9,189
M Tech	Computer Science	₹ 14,189	₹ 7,689

Fee Structure for Integrated MPhil-PhD Programme

S. No.	Particular/ Head	Amount (₹)
A One-time Fee		
1	Admission	₹ 500
2	Enrolment	₹ 1,000
3	Identity Card	₹ 100
4	Security Deposit (Refundable)	₹ 1,000
5	Library / Magazine/News Letter	₹ 1,500
6	Cultural Activities	₹ 1,000
7	Games/Athletics	₹ 500
B Semester Fee		
1	Tuition Fee	₹ 5,000
2	Laboratory / Computer lab Charges	₹ 3,000
3	Evaluation (Wherever there is course work)	₹ 500
C	Thesis Evaluation	₹ 3,000

Note : Premium for Vidyarthi Medi-claim Policy ₹ 589 to be deposited annually.
 Following amount of fees to be deposited at the time of admission :

Programme	First Semester Fee
Integrated MPhil-PhD Programme	₹ 14,689 (₹ 9,689 for SC/ST)

Hostel and Bus Fees (Wherever applicable): -

- (i) Bus: ₹ 700 Per Semester.
- (ii) Hostel/Lodging: ₹1,000 Per Month.
- (iii) Hostel Security Deposit (Refundable) ₹3,000.
- (iv) Mess fees about ₹2,800 for a month (pre-revised)

Notes :

- 1. Tuition fee is exempted for SC/ST students.
- 2. Payments are to be made through demand draft only in favor of ‘Central University of South Bihar’ payable at Patna.
- 3. Fee for other purposes shall be as laid down by the University from time to time.

Fee structure may be changed as per administrative decisions of the University.

GENERAL INSTRUCTIONS FOR FILLING OFFLINE APPLICATION FORM

1. Log on to the University Website www.cub.ac.in
2. Before proceeding to fill up the application form you must ensure that you have read and understood the prerequisites and eligibility criteria for each discipline / programme of study in which you intend to take admission (*available on the website*).
3. Download the application form from the University website www.cub.ac.in .
4. Applicant may submit **only one application** subject to fulfilling the eligibility criteria and payment of requisite fee. One application form can be used for applying to **two programmes**.
5. The fee (non-refundable) payable for each application is given below:

Category	Online / Offline Application Fee
General / OBC/Others Candidates	₹ 400 for one Programme ₹ 600 for two Programmes
SC/ ST / PWD Candidates	₹ 200 for one Programme ₹ 300 for two Programmes

6. **Process of depositing Examination Fee** - There are two modes of fee deposition as follows:
 - (i) **Through Bank Challan (in Punjab National Bank / State Bank of India):** Click on: “**Bank Challan**” to download PNB/SBI challan to make the payment. There will be three copies of Challan – **University’s copy, Applicant’s copy** and **Bank’s copy**. Applicant should take a print out of this challan to make the payment in any PNB Branch/ SBI Branch. Retain the University’s copy and applicant’s copy of the challan duly filled and stamped by the Bank Official.
 - (ii) **Through NEFT (where PNB Branch / SBI Branch is not available):** Fee may be remitted / transferred through any NEFT eabled scheduled bank by using following details:

PNB	Detail	SBI	Detail
A/c No.	4458005500000287	A/c No.	34807920951
A/c Name	Central University of South Bihar Recruitment Account	A/c Name	Central University of South Bihar Admission Account
Bank Name	Punjab National Bank	Bank Name	State Bank of India
IFSC Code	PUNB0445800	IFSC Code	SBIN0009006
Branch Name	Raja Bazar Branch, Patna - 800 014 (Bihar)	Branch Name	B.V. College Branch, Patna - 800 014 (Bihar)
Type of Account	Saving	Type of Account	Current

For NEFT transaction, **Unique Transaction Number (UTR no)** is to be obtained from the bank and the relevant Bank transaction details to be filled in the application form.

7. Applicant is required to fill in the application form carefully without making any spelling mistake.
8. Fill-up the details in the Application Form like name, programme, social category, date of birth, email ID, contact in legible manner in own handwriting in **CAPITAL LETTERS** with blue / black ball pen.

9. Test schedule shall be arranged to conduct separate examinations for those programmes having similar eligibility criteria without overlapping, to the maximum possible extent. However, in case there is a clash of timing of two tests, the candidate has to decide which test to appear for. No refund of fee shall be admissible on this account.
10. The applicant should affix his/her self-attested color passport size photograph and signature in the provided box.
11. Fill-in the appropriate Bank transaction details in the application form.
12. Send the duly filled in application to **Controller of Examinations, Central University of South Bihar, BIT Campus, PO - B. V. College, Patna - 800014** alongwith the **University's copy of Bank Challan (in original)** so as to reach **on or before 30 April, 2015**. University will not be responsible for any postal delays.
13. Applicant is required to have a valid personal email ID and a mobile number (may not be his / her own). These should be kept active during the entire admission process. Communication will be sent through SMS and/or email. To receive SMS, please ensure that DND (Do Not Disturb) is not activated on your mobile.
14. **Hall Ticket** will be available on the website as per the schedule of examination. Applicant shall have to download the Hall Ticket (from 20 May 2015 onwards) from website by entering application number & date of birth. Applicant will be intimated about the same by Email/SMS alerts only. No information will be sent by post.
15. Candidate must report at the examination centre on the day of the online examination with the following documents:
 - a. Hall Ticket.
 - b. Student copy of the bank challan (in original).
 - c. Valid original Photo Identity proof (with one photocopy of the ID)

GENERAL INSTRUCTIONS FOR FILLING ONLINE APPLICATION FORM

1. Log on to University website www.cub.ac.in
2. Before proceeding to register yourself you must ensure that you have read and understood the prerequisites and eligibility criteria for each discipline / programme of study in which you intend to take admission (*available on the website*).
3. Applicant may submit **only one application** subject to fulfilling the eligibility criteria and payment of requisite fee. One application form can be used for applying to **two programmes**.
4. The fee (Non-refundable) payable for each application is given below:

Category	Online / Offline Application Fee
General / OBC/Others Candidates	₹ 400 for one Programme ₹ 600 for two Programmes
SC/ ST / PWD Candidates	₹ 200 for one Programme ₹ 300 for two Programmes

5. **Process of depositing Examination Fee** - There are two modes of fee deposition as follows:
 - (i) **Through Bank Challan (in Punjab National Bank / State Bank of India):** Click on: “**Bank Challan**” to download PNB/SBI challan to make the payment. There will be three copies of Challan – **University’s copy**, **Applicant’s copy** and **Bank’s copy**. Applicant should take a print out of this challan to make the payment in any PNB Branch/ SBI Branch. Retain the University’s copy and applicant’s copy of the challan duly filled and stamped by the Bank Official.
 - (ii) **Through NEFT (where PNB Branch / SBI Branch is not available):** Fee may be remitted / transferred through any NEFT enabled scheduled bank by using following details:

PNB	Detail	SBI	Detail
A/c No.	4458005500000287	A/c No.	34807920951
A/c Name	Central University of South Bihar Recruitment Account	A/c Name	Central University of South Bihar Admission Account
Bank Name	Punjab National Bank	Bank Name	State Bank of India
IFSC Code	PUNB0445800	IFSC Code	SBIN0009006
Branch Name	Raja Bazar Branch, Patna - 800 014 (Bihar)	Branch Name	B.V. College Branch, Patna - 800 014 (Bihar)
Type of Account	Saving	Type of Account	Current

For NEFT transaction, **Unique Transaction Number (UTR no)** is to be obtained from the bank and the relevant Bank transaction details to be filled in the application form.

6. Click on to new registration link to apply online.
7. Applicant is required to fill in the form carefully without making any spelling mistake.
8. Fill-in your correct details in the Application Form like name, programme, social category, date of birth, email ID, contact details for successful registration.

9. After successful registration a system generated **Application Number** & password will be provided immediately by SMS and/or email.
10. Applicant is required to have a valid personal email ID and mobile number. These should be kept active during the entire admission process. Communication will be sent through SMS and/or email (To receive SMS, please ensure that DND (Do Not Disturb) is not activated on your mobile).
11. Test schedule shall be arranged to conduct separate examinations for those programmes having similar eligibility criteria without overlapping, to the maximum possible extent. However, in case there is a clash of timing of two tests, the candidate has to decide which test to appear for. No refund of fee shall be admissible on this account.
12. The applicant should upload his/her colour photograph (not more than 80 KB size) and signature (not more than 80 KB size) in the provided box. Detailed information of uploading is available in the link: [guideline for uploading photograph and signature](#).
13. Fill-in the appropriate Bank transaction details in the application form.
14. Read the declaration carefully before final submission of online application form.
15. Click on the login link to view / edit your application.
16. After successful filling and submission of on-line application form, a self-generated **Confirmation** bearing all the information of individual applicant along with an **Application Number** will be displayed. Application Number must be kept for future correspondence.
17. Applicant must take a printout of the online application form(s) and keep the same in safe custody.
18. **Hall Ticket** will be available on the website as per the schedule of examination. Applicant shall have to download the Hall Ticket (from **20 May 2015** onwards) from website by entering application number & date of birth. Applicant will be intimated about the same by Email/SMS alerts only. No information will be send by post.
19. Candidate must report at the examination centre on the day of the online examination with the following documents:
 - a) Hall Ticket.
 - b) The print out of the Online application form (in original).
 - c) University and Student copy of the bank challan (in original).
 - d) Valid original Photo Identity proof (with one photocopy of the ID).

Name of the Programme & Programme Code

Undergraduate Programme

Five-Year Integrated Degree in Law			Four-Year Integrated Dual Degree in Education			B. Voc (Arts & Crafts)		
S.No.	Programmes	Prog. Code	S.No.	Programmes	Prog. Code	S.No.	Programme	Prog. Code
1.	B.A.LLB (Hons)	IBALLB	1.	B.A.BEd	IBABED	1.	B. Voc (Arts & Crafts)	BVOCAC
2.	B.Sc.LLB (Hons)	IBSLLB	2.	B.Sc.BEd	IBSBED			

Postgraduate Programme

S.No.	Programmes	Prog. Code	S.No.	Programmes	Prog. Code
1.	MSc Mathematics	MSMTH	9.	MA Development Studies	MADVS
2.	MSc Statistics	MSSTS	10.	MA Economics	MAECO
3.	MSc Computer Science	MSCSC	11.	MA Political Science & International Relations	MAPSC
4.	MTech Computer Science	MTCSC	12.	MA Sociology	MASOC
5.	MSc Life Science	MSLSC	13.	MA Psychology	MAPSY
6.	MSc Biotechnology	MSBTN	14.	MA English	MAENG
7.	MSc Bioinformatics	MSBIS	15.	MA Hindi	MAHIN
8.	MSc Environmental Science	MSESC	16.	MA Communication & Media Studies	MACMS

Integrated MPhil-PhD Programme

S.No.	Programmes	Prog. Code	S.No.	Programmes	Prog. Code
1.	Integrated MPhil-PhD in Life Science	IMPLSC	5.	Integrated MPhil-PhD in Statistics	IMPSTS
2.	Integrated MPhil-PhD in Bioinformatics	IMPBIS	6.	Integrated MPhil-PhD in Psychology	IMPPSY
3.	Integrated MPhil-PhD in Biotechnology	IMPBTN	7.	Integrated MPhil-PhD in Political science and International Relations	IMPPSC
4.	Integrated MPhil-PhD in Environmental Science	IMPEVS			

Examination Centre and Centre Code

Name of the Test Centre	Centre Code	Name of the Test Centre	Centre Code
Ahmedabad	1	Hyderabad	19
Aligarh	2	Jaipur	20
Allahabad	3	Jammu	21
Ara	4	Jamshedpur	22
Aurangabad	5	Kolkata	23
Bangalore	6	Lucknow	24
Bhagalpur	7	Motihari	25
Bhopal	8	Muzaffarpur	26
Bhubaneswar	9	New Delhi	27
Bihar Sharif	10	Patna	28
Chandigarh	11	Pune	29
Chennai	12	Purnia	30
Darbhanga	13	Ranchi	31
Dehradun	14	Shimla	32
Durgapur	15	Siliguri	33
Gaya	16	Srinagar	34
Gorakhpur	17	Thiruvananthapuram	35
Guwahati	18		

Centre viability is subject to fulfilment of certain conditions. University reserves the right to merge the non-viable centre(s) with the next nearest viable centre.

CERTIFICATES AND OTHER DOCUMENTS REQUIRED AT THE TIME OF COUNSELING AND ADMISSION

Certificates and documents required to be submitted by all candidates selected for admission to various programmes of study at the time of counseling / written test/ admission / registration.

- 1) Ten copies of recent passport size photographs.
- 2) Two self-attested copies of marks sheet(s) of 10th, 12th, Graduation & Post Graduation or an equivalent examination certificate, showing the age/date of birth of the candidate.
- 3) A character certificate from the Head of the Institution last attended.
- 4) Fitness certificate issued by registered medical practitioner.
- 5) **Transfer / Migration Certificate** (in original) from the Head of the Institution/University last attended:
 - i. All those candidates who have passed their qualifying examination prior to 2015 must produce the Migration Certificate from the University from where they have passed their qualifying examination at the time of admission/registration failing which they will not be granted admission.
 - ii. Candidates who have passed their qualifying examination in 2015 and are not in a position to submit the Migration Certificate at the time of admission, should submit the same as early thereafter as possible, but not later than six weeks after the commencement of the Monsoon Semester, failing which the University reserves the right to cancel their admission.
- 6) **For SC / ST Candidates:** Attested copy of SC/ ST Certificate in the prescribed format issued only by an officer not below the rank of Magistrate/ Tehsildar in support of their claim for admission against the reserved quota.
- 7) **OBC candidates:** Copy of OBC Certificate issued by District Magistrate/Deputy Commissioner in the prescribed format. Also, bring income certificate.
- 8) **For PWD Candidates:** Medical Certificate issued by the Competent Medical Authority indicating the nature and extent (including percentage) of Physical Disability in support of their claim for admission against reserved quota.
- 9) Income certificate, if applicable.
- 10) BPL Certificate, if applicable.
- 11) The admission of candidates who have passed their qualifying examination from a Foreign University will be subject to their qualification being found equivalent to the qualifications prescribed by the University.
- 12) The candidates enjoying employed status and selected for admission to any programme of study in the University, are required to produce LEAVE SANCTION/RELIEVING ORDER AT THE TIME OF ADMISSION/REGISTRATION from their employer for the duration of the programme permitting them to pursue their studies at the University, failing which the offer of admission shall stand withdrawn.
- 13) Candidate **MUST** come prepared to pay the requisite admission fees (excluding Hostel charges, etc.).

Important : The candidate will be allowed to register only **IN PERSON**. The candidate is also required to produce all originals of the above certificates/documents for verification at the time of registration/admission. In the absence of any of the original certificates/documents, registration/admission shall not be allowed. The original certificates of the candidate will be retained by the University for a period of one semester.

CENTRAL UNIVERSITY OF SOUTH BIHAR

Central University of South Bihar Entrance Test (CUSBET) - 2015

FREQUENTLY ASKED QUESTIONS (FAQs)

1. What is CUSBET - 2015?

This is online test held for admission of students in Central University of South Bihar, for Integrated Undergraduate, Postgraduate & Integrated MPhil- PhD programmes. This test shall be held at several centres across India.

2. Where the programme is offered?

Programmes are being offered at Patna and Gaya campuses:

PATNA CAMPUS	GAYA CAMPUS
MSc in Bioinformatics, Biotechnology, Computer Science, Environmental Science, Life Science, Mathematics and Statistics, MTech in Computer Science, MA in Communication & Media Studies and Psychology, Integrated MPhil-PhD in Bioinformatics, Biotechnology, Environmental Science, Life Science, Mathematics and Statistics	Five-Year Integrated BA.LLB (Hons) and BSc.LLB (Hons), Four-year Integrated BA.BEd and BSc.BEd, MA in Development Studies, Economics, English, Hindi, Political Science & International Relations and Sociology, Integrated MPhil-PhD in Political Science & International Relations and B.Voc Arts & Crafts (new)

3. How many programmes one can apply for?

One can eligible to submit only one application with 2 choices, subject to fulfilment of eligibility criteria.

4. How much is the examination fee?

The details are as follows (except for B.Voc Programme):

Category	Online / Offline Application Fee
General / OBC/Others Candidates	₹ 400 for one Programme
	₹ 600 for two Programmes
SC/ ST / Differntly Abled Candidates	₹ 200 for one Programme
	₹ 300 for two Programme

5. How to submit application for B.Voc Programme ?

Download application form from website www.cub.ac.in . Send / submit the duly filled-in application (without application fee), directly to **Controller of Examinations**, Central University of South Bihar, BIT Campus, P.O. - B.V. College, Patna - 800014, Bihar.

6. How to deposit Examination fee?

There are two modes of fee deposition as follows:

- (i) **Through Bank Challan (in Punjab National Bank / State Bank of India):** Click on: “**Bank Challan**” to download PNB/SBI challan to make the payment. There will be three copies of Challan – **University’s copy**, **Applicant’s copy** and **Bank’s copy**. Applicant should take a print out of this challan to make the payment in any PNB Branch/ SBI Branch. Retain the University’s copy and applicant’s copy of the challan duly filled and stamped by the Bank Official.

- (ii) **Through NEFT (where PNB Branch / SBI Branch is not available):** Fee may be remitted / transferred through any NEFT enabled scheduled bank by using following details:

PNB	Detail	SBI	Detail
A/c No.	4458005500000287	A/c No.	34807920951
A/c Name	Central University of South Bihar Recruitment Account	A/c Name	Central University of South Bihar Admission Account
Bank Name	Punjab National Bank	Bank Name	State Bank of India
IFSC Code	PUNB0445800	IFSC Code	SBIN0009006
Branch Name	Raja Bazar Branch, Patna - 800 014 (Bihar)	Branch Name	B.V. College Branch, Patna - 800 014 (Bihar)
Type of Account	Saving	Type of Account	Current

For NEFT transaction, **Unique Transaction Number (UTR no)** is to be obtained from the bank and the relevant Bank transaction details to be filled in the application form.

7. How to apply through online / offline?

Visit Central University of South Bihar website www.cub.ac.in and follow the instructions to fill online / offline application form.

- (a) Online applicant must take a printout of the online application form(s) and keep the same in safe custody. They need not send the hard copy to the University.
- (b) Offline applicant need to send / submit the duly filled in application to **Controller of Examinations**, Central University of South Bihar, BIT Campus, PO - B. V. College, Patna - 800014 alongwith the University's copy of Bank Challan / NEFT receipt (in original) so as to reach **on or before the last date**. University will not be responsible for postal delays.

8. How to know that the application submission is successful?

As soon as the application is received with payment authentication, an automated e-mail will be sent to the Email Id of the applicant for the online applicants. For offline applicants acknowledgement shall be sent by email/SMS immediately. Later the application number and other details shall be sent by email.

9. What will be the type of questions and duration of Entrance Test?

The online test is of 2 hrs for 100 marks (100 questions X 1 mark each). The question paper shall consist of two parts Part A (35 Marks): General knowledge, reasoning, mathematical aptitude, language skill etc.; Part B (65 Marks): Subject Knowledge.

10. Which syllabus is to be followed for the MCQ in the entrance examination?

For all Integrated UG programmes, subject related questions will be of 10+2 level. For postgraduate programmes, it will be based on undergraduate syllabus. For Integrated MPhil-PhD programme, it shall be of Postgraduate syllabus (see eligibility criteria in each of the programme, in the prospectus).

11. How to receive the Hall Ticket for the online test?

Visit www.cub.ac.in and enter your application number & date of birth, in the format DD/MM/YYYY, in the appropriate box and click "submit" button to take the printout of your Hall Ticket. Hall Ticket can be downloaded from 20-MAY-2015 (Wednesday) onwards.

12. What are the essentials to be brought while coming to the test centre?

- 1) Take a printout of the Hall Ticket as you will require Login ID Password to appear for online test.
- 2) Valid photo ID (in original), like PAN Card, AADHAR Card or photo ID issued by last college/school attended.

- 3) The online applicants are to bring the following additional documents at the time of test.
 - a) University copy of Bank Challan Transaction (in original).
 - b) Printout of the duly filled -in/submitted application form.
- 4) Candidates should bring two HB pencils, sharpener and eraser, for possible switch over to offline mode.

13. When will the result of CUSBET -2015 be declared?

The results will be available on the website www.cub.ac.in from 4th June, 2015. The score card can be downloaded.

14. How candidate will know CUSBET - 2015 short-listed list for interview?

Candidate has to visit the University website for which she/ he has applied.

15. How the candidate is admitted student?

A candidate is admitted based on:

- a) Ranking in the CUSBET for that programme (Higher the Score, better are your chances)
- b) Meeting the eligibility criteria prescribed by the University.
- c) Performance ranking in the written test / interview.

16. What are the Counselling dates?

Tentative schedule for Written Test /Group Discussion / Personal Interview / Admission is from 15 to 20 June, 2015 (Monday to Saturday). Specific dates are available in Prospectus.

17. Is there any financial assistance scheme for admitted?

Yes, there are different types of scholarships based on merit, means, attendance, earn while you learn scheme etc. in addition to various Government Schemes.

18. Is there any hostel facility at Central University of South Bihar?

Yes, the University has limited hostel and limited mess facilities for students at present, both at Patna and Gaya campuses. Rooms, if available, are allotted on first come and first serve basis. However, efforts are on to expand hostels for the students. Presently University has separate hostels for Boys and Girls.

19. Is there any help desk contact number for CUSBET -2015?

Yes, help desk contact numbers are as follows -

CUSBET -2015 Technical query or help please call on: +91- 8083997774 /

Email: info@cub.ac.in.in, helpdesk@cub.ac.in

Help desk number: Patna Campus: 0612-2226538, Gaya Campus: 0631-2222124

20. Where the applicant can get the sample Questions?

Applicant can visit the university website - www.cub.ac.in

21. What is the process admission in Integrated MPhil-PhD Programme?

The admission to the Integrated MPhil-PhD programme will be based on All India Admission Test/Interview conducted by the University. Students who have qualified in UGC NET/SLET/GATE/Teacher Fellowship or MPhil degree holders are not exempted from written test.

22. What are the various steps followed in admission?

For undergraduate: online test for 100 marks, shortlisted candidates have to attend interview carrying 50 marks.

For Postgraduate & Integrated MPhil-PhD: online test for 100 marks, except for MA Hindi where it is offline test. Shortlisted candidates have to appear in written test for 30 marks, interview / group discussion for 20 marks.

- For MA in Hindi: Instead of online test, written test and interview will be conducted at Patna Campus.
- For Undergraduate Programmes: Short-listed candidates, based on online test scores, will be called for interview on scheduled dates.

GENERAL INSTRUCTIONS FOR FILLING APPLICATION FORM

- a. Download the “**OFFLINE APPLICATION FORM**” or obtain it from the office of CUSB Patna or Gaya Campus during working hours.
- b. Fill-up the application form in legible manner in own handwriting in **CAPITAL LETTERS** with blue / black ball pen.
- c. Select the Programme(s), you want to apply and note their code numbers given at the website.
- d. It is not compulsory to apply for all the **2** choices. You may choose either 1 or 2 Programmes as per your preference (max. two Programmes).
1. **Indicate your programme & code:** After finalizing the choice, enter the code of the Programme in preference 1 if you have chosen only one Programme. Fill in preference 2 if you have chosen two Programmes. It must be noted that in case there is clash of timings of tests for the options chosen, the candidate will have to decide which test to appear for. No refund will be admissible on this account.
2. **Indicate your examination centre:** Give choice of centre (upto two) in order of preference. The final decision regarding your Centre shall be taken by the University based on viability.
3. **Name of the Candidate:** As it appears in your Matric/HSC/equivalent Board examination Certificate.
4. **Father’s Name:** Full name and surname.
5. **Mother’s Name:** Write your mother’s full name and surname.
6. **Date of Birth:** To be written in DD/MM/YYYY format. If it is 8th July,1991, it should be filled up as 08071991.
7. **Gender:** Tick on (M) for Male or (F) for Female.
8. **Category:** Tick SC, if you belong to Scheduled Caste; ST if you belong to Scheduled Tribe; OBC if you belong to Other Backward Classes; GEN if you do not belong to SC/ST/OBC select appropriate category from others, if applicable Tick box Y (Yes), if you are PWD (Differently Abled Person).
Please specify whether Kashmiri Migrant, Ward of Defence Personnel etc.
9. **Contact information:** Ensure to mention your mobile number and email ID, since acknowledgement of receiving your application/other requirements will be communicated only through email/SMS. Also provide your Landline number with STD Code, if available.
10. **Details of Qualifying Examination:** Mention details of the exams passed. If results are awaited write “AWTD” under Column “**Year of passing**”. In such case, give your percentage of marks upto the previous year / semester as the case may be. Give percentage accurate upto second decimal place (e.g.73.66). GATE scores are required for candidates applying for MTech Programme.
* If results are not declared, mention ‘Results Awaited’ (AWTD) and for percentage mention your percentage upto last year semester
** Higher Secondary Certificate CBSE 12th or equivalent .
11. **Correspondence Address and Permanent Address:** Give your full address with Pin Code & State.
12. **Details of Fee payment: Application Fee**

Gen / OBC Candidates	₹ 400 for one programme ₹ 600 for two programmes	SC/SC/PWD Candidates	₹ 200 for one programme ₹ 300 for two programmes
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13. **Fee payment can be made by Bank challan / NEFT. The details of Banks is given below:**

A/c No. 4458005500000287	A/c No. 34807920951
A/c Name Central University of South Bihar Recruitment Account	A/c Name Central University of South Bihar Admission Account
Bank Name Punjab National Bank	Bank Name State Bank of India
IFSC Code PUNB0445800	IFSC Code SBIN0009006
Branch Name Raja Bazar Branch, Patna - 800 014 (Bihar)	Branch Name B.V. College Branch, Patna - 800 014 (Bihar)
Type of Account Saving	Type of Account Current

Payment of Fee through Bank Challan of Punjab National Bank (PNB) / State Bank of India (SBI)

Download and print the Bank Challan from the given link and fill-up the required information in the Challan Form with blue/black ball pen. The requisite fee may be paid at any branch of Punjab National Bank (PNB) / State Bank of India (SBI). **Retain** the Student & University copy of the Challan.

Now, fill-in the relevant columns in the application form. Mention the transaction / UTR number provided by the Bank in the column with Branch Name and Branch Code where you paid the money.

How to submit : Send the duly filled in application form to **Controller of Examinations, Central University of South Bihar, BIT Campus, P.O. : B.V. College, Patna - 800 014 (Bihar) Phone /Fax : 0612-2784101, 2226538** along with University Copy of Bank Challan by Speed Post / Registered Post within the closing date.



दक्षिण बिहार केन्द्रीय विश्वविद्यालय

(संसद के केन्द्रीय विश्वविद्यालय अधिनियम 2009 द्वारा स्थापित)

CENTRAL UNIVERSITY OF SOUTH BIHAR

(Formerly Central University of Bihar, and since changed under the Central Universities (Amendment) Act, 2014)

Patna Campus : BIT Campus, P.O. : B.V. College, Patna - 800 014 (Bihar) Phone /Fax : 0612-2784114, 2226538, website : www.cub.ac.in
Gaya Campus : House NO. 16/13 Ward No. 9A, New Area 38, Bisar, Gaya - 823001 (Bihar) Phone / Fax : 0631-222124

Application Form Number

To be filled-in by the University

FOR ADMISSION TO PROGRAMMES IN CENTRAL UNIVERSITY OF SOUTH BIHAR CUSBET-2015 : OFFLINE APPLICATION FORM

(Please read instructions and FAQs carefully before filling up the form. Fill-up the form in own handwriting in capital letters only)

Programme Applied for :

Programme Code

1. Name of the Programme-1 (1st Choice)

Name of the Programme-2 (2nd Choice)

2. Choice of Examination Centre in order of preference:

Examination Centre-1 Centre Code-1

Examination Centre-2 Centre Code-2

Please paste your recent self attested colour photograph

Signature

3. Name of the Candidate (As given in the School Certificate SSLC/HSC)

First Name

Middle Name

Last Name

4. Father's Name

First Name

Middle Name

Last Name

5. Mother's Name

First Name

Middle Name

Last Name

6. Date of Birth (DD-MM-YYYY)

6.a Age as on 01.07.2015 (YY-MM)

7. Gender

M F

8. Category

SC ST OBC OBC GEN

Creamy layer

Non-Creamy layer

PWD (Y/N)

Others, if any #

9. Mobile Number (Mandatory)

Landline with STD Code (if, available)

Email ID (Mandatory)

10a. Details of Qualifying Examination (* ; **)

Examination	Name of the Board / University	Year of passing	Marks Obtained	%	Subjects

10 b. If applying for M.Tech give the following details :

GATE	Subject	Year of Passing	Marks scored				Percentile obtained				

10 c.If applying for Integrated MPhil-PhD give the following details (as applicable):

Tick the appropriate	Subject	Year of Passing	Marks scored				Percentage / Percentile/Rank obtained				
GATE											
JRF											
UGC-NET											

11a. Address for correspondence

District																			
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State																			
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Pin Code						
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11 b. Permanent Address

District																			
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State																			
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Pin Code						
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12. Details of Fees Paid Amount ₹ Date

Transaction / UTR No.

BANK & BRANCH NAME BRANCH CODE

Declaration

I _____ hereby declare that the information furnished in this form are correct to the best of my knowledge. I understand that my candidature is liable to be cancelled if any information given above is found incorrect or misleading.

Date : _____

Place : _____

Signature of the Applicant

Time Table for Admission: Subject to change under unavoidable circumstances
All the candidates MUST be present at 09:00 AM on the scheduled first day of the
written test/interview in respective subject(s), at Patna Campus

Sl. No.	Dates	Subject
1.	15-17 June, 2015 (Monday – Wednesday) ; No written test; only Interview	Four -Year Integrated BA / BSc.BEd Five- Year Integrated BA / BSc.LLB (Hons)
2.	16-18 June, 2015 (Tuesday – Thursday)	Bioinformatics (MSc. + MPhil-PhD) Biotechnology (MSc. + MPhil-PhD) Environmental Science (MSc. + MPhil-PhD) Life Science (MSc. + MPhil-PhD) Statistics (MSc. + MPhil-PhD) Mathematics (MSc.) Computer Science (MSc.) Computer Science (MTech)
3.	17-19 June, 2015 (Wednesday – Friday)	Development Studies (MA) Sociology (MA) Psychology (MA + MPhil-PhD) Economics (MA) English (MA) Communication and Media Studies (MA) Political Science and International Relations (MA + MPhil-PhD)
4.	18-20 June, 2015 (Thursday – Saturday) Offline written test/ Interview/ Admission	Hindi (MA)

CUSB'S UPCOMING CAMPUS AT PANCHANPUR



CUSB'S UPCOMING CAMPUS AT PANCHANPUR



Salient Features of CUSB Campus

- ❖ As per GRIHA Ratings Eco-Friendly Green campus and buildings
- ❖ Waterbodies and fountains
- ❖ Rain Water Harvesting: recharging and recycling
- ❖ Use of Solar Energy and Bio-Mass Energy
- ❖ Water supply, sewerage, drainage, sub-station, underground treatment and fire fighting.
- ❖ Eco friendly pedestrians and bicycle pathways
- ❖ G+4 to G+8 buildings
- ❖ Boundary wall with Entrance Plaza

First Phase Infrastructure Highlights

- ❖ Academic buildings for housing schools of Science, Technology, Social Sciences, Humanities, Law and Education
- ❖ Lecture hall complexes
- ❖ Separate hostels for boys and girls
- ❖ Faculty Quarters
- ❖ Guest House
- ❖ Single Room Apartment
- ❖ Students Activity Centre & Sports Complex
- ❖ Community Centre & Health Centre
- ❖ Nursery, Elementary School and Kendriya Vidyalaya

Cost of Prospectus: ₹ 60/-