

Program outcomes

Under Graduation Courses:

Department of Arts

BENGALI:

The department of Bengali with all its dignity prepared the ground for this vision since its inception in 1957, when Raja N.L. Khan Women's College emerged as a dream of Bharat Ratna Dr. B.C. Roy for women emancipation. The department started its journey with Bengali as a general subject in the Under Graduate level. Later, from 1965 onwards the Honours course was started in the Under Graduate level. Another feather was added to the department with the commencement of Post Graduate course in 2016. As far as the infrastructural facilities are concerned, there are about 1746 books in the seminar library, three computers are available with internet facilities for the staff and students, two classrooms are there with ICT facilities and there are four classrooms. Folk Museum has been set up in 2014 by the active initiation of Bengali Department with financial assistance from college authority. Various Folk artifacts have been collected from indigenous Folk-artists and displayed in the Museum. It helps to make the students aware of the traditional value of this locality. Apart from our students and teachers, common visitors are also allowed in specific date and time.

EDUCATION:

The department of Education, Raja N. L. Khan Women's college was formed in 2017. Faculty members of the department are committed to impart good quality education among the students. The aim of the department is to develop deep and wide knowledge in the subject of Education and to make students accountable to society by developing moral and human values in them. Apart from the lecture method the department also encourages the learning of students through short seminar presentation by the students, group discussions among the students in presence of the teachers, question answer session by students. The department faculties and students also put a combined effort to educate the rural children under the program named 'We Care'. Microteaching and informal teaching is done in small groups even beyond scheduled contact hours. Publication of departmental magazine "Patatra" and wall magazine "Suchetana" is done under the guidance of teachers. The teachers keep eye on each student's weakness and strength in respect of preparation of university examination. The students also keep constant touch with the department for personal and academic counseling. To expose the students to latest developments in educational and social sectors, the department organizes seminars, discussions, debate and special lectures on contemporary issues. Students are encouraged to take up the responsibility for organizing

academic, society outreach programs and extracurricular events in order to enhance their administrative and creative skills.

ENGLISH:

The Department of English, RNLKWC, started its journey towards a prosperous future with a handful of students in 1957 under the affiliation of Calcutta University, though only general course was offered in English at that time. Meanwhile, the college came under the affiliation of Vidyasagar University in 1985 and it followed the syllabi and examination structures of VU from time to time. The department ran full-fledged 3-yr Degree Course in English (Hons.) from the session 1994-95 onwards. In recent years, the department started following CBCS course structure and End-Semester evaluation pattern from the session 2018-2019 as per UGC guidelines. The department is always looking far ahead as time and again the syllabi are being restructured with global perspectives. Paying proper homage to the glorious tradition of British literature, the focus is now extended towards a larger scope to enrich oneself with the knowledge of World Literature. Thus, our course has incorporated new advanced areas like Indian Writings in English, Postcolonial Literature, Subaltern Studies, Partition Literature, Indian Classical Literature, New Literatures, American Literature, European Classical Literature, Film Studies, Women's Writings and Empowerment, Translation Studies, Creative Writings and so on. Privileged with multi-media facility, the advanced students of the department enter the first-rank institutions of India like Presidency University, Calcutta University, Jadavpur University, Jawaharlal Nehru University, Beneras Hindu University, Central University of Hyderabad etc. for post-graduate studies and research. Other than a huge success in progression in higher education and research, students of the department are largely successful in NET/SET and a significant number of them are already working as Assistant Professor in different colleges. The faculty members are always engaged in research and publications on national and international levels. In its long and distinguished history, the department has drawn the attention of some of the best scholars and researchers in India enabling intense and productive academic interaction at both individual and institutional levels.

HINDI:

The Department of Hindi offers B.A. honours at undergraduate level (Year of establishment). It has highly experienced faculties which ensure a smooth teaching learning process in the department. This department is endowed with smart classes. In addition, each student also has access to the centralized college library and other state-of-art infrastructure facilities available in the college. The library has a vast collection of books and journals, online and offline, catering to different topics of specialization in Hindi literature. The seminar library of the department provides useful additional study material for its students. The department organized several extracurricular activities for the all round development of its students by organizing several National seminar, state level seminar, special lecture, annual program, departmental program and different

competitions etc. and encourages the interaction of its students with many prominent experts in this field as well as develop student's personality in communication skill.

The Hindi Department of Raja N.L. Khan Women's' College, through the medium of teaching literature, is engaged in the direction of building an environment of creativity and free expression. Come aboard, and join us in the flight through the free skies.

HISTORY:

The Department of History started its glorious journey in August, 1957 with the objectives of dissemination of historical knowledge among the students, pertaining to the students in acquiring the objective knowledge regarding history and acquainting the students with the traditional and emerging areas in the discipline. To realize these objectives, the Department often organizes Seminars on various burning issues like gender discrimination, rights of women, and other alarming issues related to problems of women, communalism etc. The Department conducts tour programmes for the students so that they could acquire the objective knowledge of history. A historical chart has been prepared to inculcate the chronological conception of historical events in the minds of students. The Departmental Library has been enriched with 3000 books. In order to enrich the weak students Remedial classes are arranged regularly. From July 2016 the Department has taken up the responsibility of P. G. Course. At present, there are four full time faculty members in the Department with strength of about 500 students studying Honours and General courses. This historical museum is maintained by the Department of History, on "The Role of Midnapore in Indian Freedom Movement". This Museum has been formed in the year 2008 to exhibit the role of Midnapore in the Indian freedom movement. In this museum, there are thirteen sculptures depicting the important milestones of the role of Midnapore in the Indian freedom movement. Again numerous rare photographs of Women who participated in this movement with their biography are also displayed here.

HUMAN RIGHTS:

The department of Human Rights started in glorious journey as an inter-disciplinary general course from the session 2012-13. Presently the department is co-ordinated by the H.O.D, Department of Political Science. The faculties of the Department of Political Science are actively engaged with the teaching-learning process. The department maintains a rich library (including books and periodical journals), organizes departmental seminars and workshops. There is one classroom available for the students of Human Rights Department. The community activity is also persuaded by the Department with the help of the students. The relationship between the teachers and students is cordial. Students of the department are also engaged in extension activities viz. N.S.S, N.C.C, Sports, Intra class cultural competition and other college function. Projects on Environmental studies and Human Rights Education are supervised by the faculties. Students also participate in the events like awareness programme oriented towards prevention of child marriage maintenance of nutritional standards, literacy development etc. for facilitating the socially, economically and academically backward community.

MUSIC:

It is great news as well as an opportunity to inform all the students, who are interested to learn Music with a registered degree, that our college is the pioneer to introduce Music as an Academic Subject under Vidyasagar University since 1994. It is also remarkable that, within a few years from 2000 onwards Honours Course in Music was approved by the University to make the gateway of higher studies in our college. At present the Music Department has two Full Time Teachers and five SACTs and Casual-staff (including two Accompanists). They are always engaged for the enhancement of the quality and ability of the students both in academic sphere as well as in the field of performing art. We are always trying that our each and every student becomes a knowledgeable quality- performer, to make her proficient in Music with needful knowledge and command as a whole. After achieving the Autonomous status of our college, from 2018 onwards we have two post graduate streams, -- one in Hindustani Vocal Music and the other in Rabindrasangeet. This is also a large gateway to achieve, not only to receive post graduate degree, but to make the students enriched with more knowledgeable as well as efficient both in Theoretical and Practical areas. We have two Research Scholars who are continuously enriched with the excellent & caring guidance by their Two Supervisors along with the help of huge number of books of the Seminar Library, since 2018, in Hindustani Vocal Music & Rabindrasangeet. With the aids of Computer facility they can spread themselves in the broader stream and status too. Here our students get many exposures to express their talents and excellence through Cultural Competitions, Cultural Programme varieties, Seminars, Webinar, even being the Alumni too. We make them confident in explaining the subject to others as our effort is to discover their musical ability, aptitude, and attitude and connect those qualities between their thoughts and expressions.

NCC:

The NCC Department of this college started its journey from 2018. Officials and instructors from 6 Bengal Girls (I) Coy, NCC, Rangamati, and intellectuals from other disciplines have devoted their time for teaching NCC. Dr. Jayashree Laha, Principal, and Prof. Padma Sangmu Bomzon , CTO, HOD of Nutrition, looks after the overall activities of the NCC department. Mr. Krishnakanta Ckakroborty, is also serving as NCC clerk. Presently, Miss Chumki Dutta, Ex-NCC cadet, is acting as NCC trainer in the Department. The campus has its own firing range for NCC firing practice. A large sports field for drill training is available and the construction of obstacle course is in the pipeline. From 2019-20 semester batch, 16 cadets took examination for the B Certificate and 18 cadets took examination for the C certificate. Cadets were involved in various activities and camps of the NCC like Republic Day Camp (RDC), LRDC, CATC, SPECIAL NATIONAL INTREGRATION CAMP, EK BHARAT SHRESTHA BHARAT, among many. Cadets also won a number of medals and accolades during these camps in various events such as Firing, Drill, Tent pitching, Cultural performances, etc. Apart from the above activities, NCC cadets of RNLKWC are actively involved in various environmental and societal activities within and around the campus. These include planting of saplings within the college grounds and taking

care of them, organising Swachh Bharat cleaning drives in and around the college premises, various awareness campaigns related to health and nutrition, among many.

NSS:

The Department of National Service Scheme (N.S.S.) has been started its glorious journey as an inter-disciplinary general course from the session 2016-17 under the special initiative taken by Principal, Dr. Jayasree Laha. The NSS Programme Officers are actively engaged with the teaching-learning process and the faculties of different other departments can also share their knowledge with the students. There is one classroom available for the students of NSS. This department maintains a library (including books and periodical journals). The syllabus is specially designed for the NSS students thus they can share their knowledge with the community people and make the translation of the knowledge from campus to community is possible in true sense. The relationship between the teachers and students is cordial. The department is well known for its several positive activities including organizing seminars and workshops. The students of NSS can get a great score in their future life. They can utilize their experience which is achieved during their community visit and can get a job in the different social service agencies and different programs.

PHILOSOPHY:

The Department of Philosophy was established in 1957. Initiated only with Pass Course, Honours Course was started in 1964 only with ten students and three teachers. Thereafter our department got enriched with efficient teachers and upto the mark students. And at present time our department is able enough to continue its glory by different modifications and upgradations. Six faculties are at present with their Sincerest Participation. The existing Number of students in the Philosophy Department is 150 in (Hons.) Course. We have healthy extension of departmental activities and facilities as well. As to mention (i) Cleaning the campus, (ii) Plantation Programmes, (iii) Student organized seminars, (iv) Cultural Programmes, and soon various facilities are there for our learners. As far as the infrastructural facilities are concerned, we have well-equipped classrooms with moderated teaching aids like computer, Projector machines and E learning Classrooms. Every year we arrange syllabus oriented speech, free Medical Check-Up Camp, legal awareness programme, blood donation Camp, Thalassemia Detection Camp, Thalassemia Awareness Programme, Educational Tour, Reunion Programme. Farewell Programme, Psychological Counselling, Parentteacher meet and Remedial classes for Backward students etc. According to Fichle, Philosophy has close relationship with life and world. It is the basis of Education. "The art of education will never attain completeness without Philosophy".

PHYSICAL EDUCATION:

The Department of Physical Education in our college was established in the year 2005. General mode of syllabus in B.A with Physical Education course was started from 2005 and CBCS mode of syllabus in B.A. with Physical Education course is introduced from 2018. At present there are four faculty members including one full time teacher and three State Aided College Teachers who

are covering the CBCS course in the Department. Physical Education is also offered as generic paper to the students of Honours courses in even and odd semesters. As far as the infrastructure is concerned, there is one class room, one practical cum yoga room, one gymnasium, one indoor badminton court, one basketball court, one football ground and also TT board etc.in the Department. Apart from the Central library, the Seminar library of the Department has been enriched with more than 80 reference books. The Department conducts educational tour every year for the students so that they can acquire the knowledge of different institute, stadium, ground and sports complex etc. Regular coaching is provided to the students in Yoga, Badminton, Football, Kho Kho, Athletics, Weight Training etc. The Department has produced many state level players. The college teams participate in the Inter College, Inter College State Meet and Inter University Levels. The Department has also rich experience of organizing Inter Department, Inter College and Inter College State Level Sports Meet. Some of the students have qualified B.P.Ed and M.P.Ed . Some passed out students are now engaged in teaching profession in different schools and college and some in several jobs.

POLITICAL SCIENCE:

The department of Political Science started its glorious journey on and from 16th March 1968 with a view to impart General Course and Honours Course at the UG level with four sanctioned post. Presently the department is having three full time teachers against four sanctioned post and four SACT-1 teachers. With this faculty strength the department is shouldering the noble responsibility of orienting nearly hundred and ten students in honours course and hundred and fifty students both generic and general course in the running academic session. The department takes an active part in running UG course in Political Science, Sociology and Public Administration under NSOU. The department is also involved in three inter-disciplinary courses namely NSS, Environmental Studies and Human Rights. The department enjoys academic and administrative autonomy up to the extent as admissible by the Vidyasagar University and the Directorate of Education, Government of West Bengal. Besides teaching-learning processes, the department organizes departmental excursion, departmental meetings and mentorships of the students. With the help of the students the community activity is also pursued by the department. The relationship between the teachers and the students is cordial.

SANSKRIT:

The department of Sanskrit was started from the very inception of the college in August 1957 with the aims of increasing the knowledge about the ancient language and literature, to make awareness of culture and heritage of India, to increase interest in comparative literature and Philology (Science of language). We started our department with B.A. general course along with I. A. course. Pre university course was added in lieu of I.A. course. The further up gradation was done in the year 1969. In that year the department started its teaching activities at Honours level. Besides, this department also provided its teaching activities in H.S.course from 1978 to 2001. In the year 2017, the department started M.A. course. There is “Gurukulam” in the department in order to make the

students familiar with the traditional system of learning. The department also arranges a bridge course for the newly admitted students of Sanskrit Honours for at least 10 days at the beginning of academic session. The Departmental seminar library contains 1235 books for UG Students. The department is also equipped with smart class room. The department publishes wall magazine named “JÂG?TI?”. It also arranges seminars for the students. Educational excursion is done every year. Gurukul of Sanskrit department is a combination of traditional as well as modern education system of India. It remembers our ancient learning system of India. Here the students sit at the feet of the teachers and receive education. There are some ancient manuscripts, instruments for vedic rituals, LCD projector etc. For the enhancement of knowledge of the students.

Department of Science

B.C.A :

The Department of BCA was established in the year 2000. Bachelor of Computer Application course was started as a professional 3-year course under Vidyasagar University. At present, this program is governed by a board of studies constituted as per norms of autonomous college. It is a six-semester program. Remedial classes are held for every student beyond scheduled classes. Regular attendance of a student is must for appearing in semester examination. Students of this department secure ranks under university almost each year. For about the last one decade, few final year students get job placement in reputed software companies such as TCS, Infosys, Wipro etc in every year. Many successful alumnae are there in different organizations in India as well as abroad. Team of very experienced and renowned teachers is a notable feature of this department. Infrastructure of the department consists of well set up air-conditioned software laboratory, hardware laboratory, smart class room, and departmental library.

BOTANY:

Department of Botany started its glorious journey from 27th July, 1961 with the subject being introduced as a General course. With success all around the corners and brilliant achievement by students, it was subsequently taken up as an Honours course from 1988. From the session 2006-07, B.Sc. Hons Course was being studied as 3-Tier (Part- I, II, & III) Degree Course with a view to complete Part-I of the Course in 1st year, Part-II in 2nd year and Part-III in the final year. The demand of the subject is very high with the academic session of 2016-2017 seeing a record number of 250 applicants for the stipulated 63 seats. In the academic session of 2017-2018, the CBCS system as laid out by UGC was adopted by the department whereby the semester system was introduced. This academic session [2018-2019], a record number of 510 candidates applied for the stipulated 63 seats. We feel happy to inform that West Bengal State Council of Higher Education has approved the Post-Graduate Section of our Department from the session 2019. In the last academic session, 764 candidates applied and this shows an increasing trend in the demand of the

subject. The department has received several prestigious Govt. of India funding including DST-FIST, UGC-CPE and UGC-BSR. It has also participated under the DBT STAR College Programme. Many of our faculties have been awarded with Govt. of India as well as State Government funded minor and major research projects. Three project fellows have also been awarded Ph.D under their supervision. Now there are three Research scholars who are pursuing PhD in the Department. Our faculty strength is 09. Several students of our Department have achieved great success over the years. The result of sixth semester examination of the first batch under CBCS is excellent with nearly 90% of the students securing more than 7.0 CGPA. Many of our bright students have been the University toppers and completed their PhD from reputed institutes. Several students have also secured University rank and some of them were University toppers with gold.

BMLT:

Bachelor of Medical Laboratory Technology (BMLT) course has been introduced, since July 2019, under the special initiative taken by Principal, Dr. Jayasree Laha. The course is designed by Dr. Dilip K Nandi, Associate professor & Head, Dept. of Human Physiology. Bachelor of Medical Laboratory Technology (BMLT) degree is a three and half years (including six months internship) undergraduate course which offers candidates thorough knowledge about the laboratory equipment and laboratory diagnostic procedures. The course is helpful for students who wish to pursue a career in the management of laboratories, advancement in laboratories, and instrumentation. BMLT being one of the fastest growing fields in the healthcare sector, the demand for qualified professionals is growing every day for the treatment of rapidly growing diseases. Degree in BMLT helps to gain practical and technical knowledge for the right diagnosis and how to effectively run biochemical laboratories. The main aim of the course is to train candidates in the management of operation theatre, effectively handle various medical equipment and expertise in applying medical standards. A Medical Laboratory Technologist should be disciplined and attentive. As fire is a bad master, likewise the chemicals in the laboratory are good servants but very bad masters. A Medical Laboratory Technologist should also have the ability to conduct research, finish tasks with speed as well as with accuracy, handle stress, make analytical judgment, interpret technical/scientific data, knowledge of laboratory instrumentation, mechanical ability and the ability to use computers. Technologists may also conduct research supervised by medical researchers, who are responsible for maintaining report accuracy and conducting complex tests. They generally have more training than a medical laboratory technician, who performs routine testing under stipulated conditions. Job Prospects after completing BMLT degree: Medical technologists are an integral part of the medical profession. These professionals get involved in practical and technical work to aid correct diagnosis and effective functioning of Biochemical Laboratories. The career prospects in this field depend on the academic and technical skills of the technologist/technician. With adequate knowledge and experience, Medical Laboratory Technologists can advance to supervisory or management positions in laboratories and hospitals. They can also work as

Laboratory manager/Consultant/supervisor, health care Administrator, Hospital Outreach coordination, laboratory information system Analyst/Consultant, educational consultant / coordinator etc. Additional opportunities are available in molecular diagnostics, molecular biotechnology companies and in vitro fertilization laboratories as well as in research labs.

CHEMISTRY:

Raja Narendra Lal Khan Women's College was established in 22nd August, 1957 with the aim of empowering the rural women of the then undivided Medinipur district by increasing their scope of education. After four year of establishment of college, the subject Chemistry was introduced first as a general course in the year 1961. After a long gap, in the year 2002 Chemistry (Honours) was introduced. Our Chemistry department is now a full of well equipped laboratories, experienced teachers and skilled laboratory staffs. Our passed students glorify this department by absorbing different position such as, Post Doctoral Research Fellow in India and abroad, Assistant Professor, Executive Officer, School Teacher etc. Our recent passed students are doing their Ph.D, integrated Ph.D in different Institute in India and abroad such as IACS (Kolkata), IISER (Kolkata), IITs, different State and Central Universities, NTHU (Taiwan). Almost our entire passed out students take their PG admission in different IIT (Kharagpur, Hyderabad, Dhanbad), IACS (Kolkata), NITs, VIT (Vellore) and also different State and Central Universities and their approved Colleges. Beyond student result, this department arranges different types of activity and enrichment programme such as Outreach, Science day Observation, Science Exhibition, Student seminar, special lecture (National and International), Seminar (National and International) for student motivation and interaction with different types of professional person. Most of our student also enjoys different type of fellowship/scholarship.

COMPUTER SCIENCE:

The Department of Computer Science was established in the year 1994 with the objective of providing education of modern subjects to the students of the remotest area like Midnapore and the motto of imparting quality education in the field of Computer Science. The Department has modern facilities for teaching, learning and research. The Department offers different programs of undergraduate and postgraduate level. In Undergraduate CBCS programme Computer Science department offers Honours course and also Generic paper is offered to the students of other Honours departments. The Department started 2-year M.Sc. Computer Science programme in the year 2017 with the aim to develop core competence in Computer Science and prepare the students to carry out development work, as well as take up challenges in research.

ECONOMICS:

The department of economics has been functioning since the inception of this college. Initially the department was known as Civics and later it was named as the Department of Economics. Smt. Indrani Bhattacharya was the First HOD and rendered her service till 2001. Though the department

of economics is an old enough but the same has gained a new dimension with the introduction of honours course in 2001-02. Now it is covered by under graduate course only. We have well equipped and advanced class room (smart class) facility. There is excellent learning environment. Apart from Central library, our departmental library also provides reading and lending facility of books for all the students of the department. The students have a good and healthy relationship with the all the faculty members. The teachers of our department also interact with students beyond class hours. All the faculty members of the Department have publications in several National and International journals and books. The department also helps and tries to promote research activity in the students. The department also encourages the students to participate in different national and international seminars and also helps to publish in different reputed journals and books.

GEOGRAPHY:

The department of Geography of Raja Narendra Lal Women's College started its journey under leadership of late Prof. Sabitri Mukherjee from the very beginning of foundation of the college affiliated under the University of Calcutta in the year 1957. Initially, the department would offer Economic Geography as General Course and it continued till 1961. In 1962, Honours course in geography was sanctioned and the department achieved its own identity as a distinct discipline at UG level and the proper foundation of the Department came into being under strong leadership Late Prof. Sabitri Mukherjee. This college is one of those few colleges in the state which offered Geography Honours shortly after the independence of the country. The college was affiliated to Calcutta University until 1985 and it got affiliation to Vidyasagar University in 1986. The Department has grown rapidly since its inception. At present the department offers both Under Graduate and Post Graduate course in Geography. Post Graduation course in Geography is also offered under Netaji Subhas Open University (Distance Programme) and Indian Institute of Remote Sensing Distance Learning Certificate Course (IIRS Outreach Programme), Department of Space, Government of India, Dehradun.

MATHEMATICS:

The Department of Mathematics started its journey in the year 1960 offering only General degree course catering to higher mathematics affiliated to Calcutta University. Within a decade, the Department of Mathematics was uplifted from general course to Honours degree course in the year 1967. Since then the Department holds it in high esteem status with our loyalty and reverence in imparting quality education to our beloved students in the arena of higher mathematics. Now, our Department affiliated to Vidyasagar University, has crossed the Golden jubilee in the year 2017 with glorious achievements by setting up Modern equipped computer laboratories, Mathematics Gallery with different models, separate Research Scholar room, ICT enabled class rooms, Metrological Laboratory etc. In the year 2016, a feather has been added in the coronate of this Department by introducing Post Graduate Course. At present, the Department has five (05) Full-time Faculty Members, four (04) SACT-I & II (State Aided College Teacher category-I and II). The department has a strong research wing that produces quality research papers in national and

international journals of repute with high impact factor in different fields like Graph Theory, Bio-Mathematics, Inventory Management, Soft Computing, Fuzzy Mathematics, Dynamical System etc. In the last three years the Department has completed three UGC sponsored Minor Research Projects and one Major research project sponsored by DST, Govt of West Bengal is going on. One project fellow is working under this DST project. Some of our faculty members are pursuing Ph.D. and registered himself/herself in the Research Centre, Raja NarendraLal Khan Women'sCollege (Autonomous).The department has produced two (03) Ph.D. Scholars, one (01) research Scholar submitted Ph. D. Thesis and six (06) Ph.D. Scholars are currently working under the guidance of our Faculty Members. Some renowned visiting Faculty Members from Vidyasagar University taught our students at Post Graduate course. Our endeavour is to keep high quality teaching and research and continuously producing quality students.

MICROBIOLOGY:

The Department of Microbiology, Raja N.L.KhanWomens College was founded in the year 2004 under Vidyasagar University, Paschim Medinipur and had been running initially with twenty students. At present the intake capacity of the student is fifty. Four teachers and two laboratory attendant are engaged in the activities of teaching and monitoring the students in both theoretical and practical classes under CBCS system. The department is well equipped with three class rooms (two smart class room), two laboratories,one instrument room and one computer room with networking facility. To fulfill the need of the students and teachers, the department has its own departmental library with more than 200 reference books. The Department arranges educational tour in every year to different Bio-industry and modern research institute of India as a part of curriculum of the respective syllabus. The result of the Department is also quite satisfactory and many students obtain rank in the university and get chance in post Graduate course at different reputed University. Some of the students have qualified GATE, NET (ICAR, CSIR) and are involved in PhD work in several institutes of India and also in abroad. Our students are engaged in different jobs like teaching profession in different schools and colleges and as a Microbiologist in different pharmaceutical industries, Food and beverage industries and Hospital

NUTRITION:

Nutrition Honours course has been started in the college since 2006. All students of 1st batch (2006-2009) secured 1st class with University rank 1st, 2nd and 3rd. Thenceforth, above 75 % students have secured 1st class every year (11 batches completed under graduate B.Sc Nutrition Honours in 2019) with University rank holders. Post Graduate in Food Science and Nutrition has been started since 2019. 4 research scholars completed Ph.D. from this department and at present 3 research scholars are doing their Ph.D work in Nutrition Research Laboratory registered in Natural Science Research Centre of this college under Vidyasagar University and 1 research scholar registered in Jadavpur University. The Department has a well-equipped Research Laboratory, having separate Bio-safety Room, Laminar Air Flow, Flow cytometer, UV-Vis

Double Beam Spectrophotometer, Inverted microscope, among many other analytical instruments required in the field of Nutrition research. All class rooms and Laboratories are air-conditioned and ICT equipped.

PHYSICS:

Department of Physics was started in the year 1960. Initially general degree course was started in the year 1960 and later honours course was started in the year 1998. The department has well equipped laboratories including Mechanical & Sound, Thermal, Optical, Electrical & Electronics Lab and Modern Physics Laboratories for B.Sc. (Honours) with Physics under CBCS (Choice Based Credit System). It has computer facility with internet connection for staff and students, a departmental library and also a smart class room. At present, the department has total intake capacity of 47.

PHYSIOLOGY:

Department of Physiology, Raja N. L. Khan Women's College (Autonomous), started on 17th July, 1961 with a three year UG course under the affiliation of Calcutta University. The three-year Physiology course was converted to a two-year UG pass course from 1985 under Vidyasagar University. Three-year UG Honours course was introduced from the year 1991. The two-year UG pass course was again changed into three-year UG general course from 1998. PG course in Physiology with two special papers has been introduced in 2016 and a research unit has been established. The performance of the students has been satisfactory all through these years with a few students securing University ranks with gold /silver medals. Other than the academics, our students are involved in many other activities like field survey, Dietary and Community Survey, Visit to Higher learning Centers, Organize Health Checkup Camps, Organize Science Camps and Participation in the National Seminars. We encourage rejuvenating, innovative, research and various other activities by students, scholars and teachers of the Department of Physiology. We emphasize on collaborations both within the college and with the nearby Institutions like Vidyasagar University, Jadavpur University, Kolkata University, and Indian Institute of Technology, Kharagpur. We are aware of the fact that the awareness regarding the Community Health and Social Physiology in India is not satisfying. Physiology is an important branch of Biological science which is also a diminutive part of Medical & Paramedical science. Hence, the future physiologists are the ones who will be the front line warriors to give our fellow citizens a healthier place to live in a healthier way.

PSYCHOLOGY:

Department of Psychology was established as a generic subject in the year 2019 considering the ways it can be beneficial for the students. Psychology is a very diverse field, one that is expected to see tremendous growth. There is no person who is first a 'Psychologist'. Since psychology is the study of human mind and behaviors, it has numerous applications in all walks of life-work, family, relationships, sports, industries and in organizational spaces. Psychology is certainly not a one-size-fits-all career choice. In fact, one of the greatest strengths of a psychology degree is the

enormous variety of career paths that are available to graduates. Students can tailor their education and degree to focus on specially areas that appeal to their interests. Growth for psychologists will be driven by greater demand for their service in schools, hospitals, mental health centers and social service agencies.

ZOOLOGY:

The development of biological sciences leads to the up-gradation of general life-style of animal and mankind. Technological intervention (based on physics, chemistry and mathematics) on the biological sciences is growing rapidly. This is the need of the time to focus on the holistic approach of life sciences, especially to animal studies for the sustainability of animal as well as human. The environmental factors and physiological response should be monitored very closely for an overall understanding of the subject and society. The Zoology department of the college started with Zoology as a general subject with two years duration in the year 1961. Later B.Sc (Honours) was introduced in the year 1991 with three years duration. Thereafter, the Post Graduate stream was introduced in 2004. At present the Department is recognized as DBT BOOST Department by the Government of West Bengal in 2019. Research Programmes are done on the following topics : J Environmental toxicology & J Aquatic Biology and Molecular Biology.

Post –Graduation Courses:

We are also offering Post-Graduate courses in Bengali, History, Sanskrit, Rabindra Sangeet, Hindustani Vocal Music, Applied Mathematics, Botany, Human Physiology, Geography, Computer Science, Chemistry, Food science, & Nutrition, Microbiology, Zoology. The courses are designed and imparted in a way which makes the students capable to join in different job sectors and also in higher studies like PhD and others.

Doctor of Philosophy:

In our College We also provides research facilities .We have two research centers , namely, i) Research center in natural and applied sciences and ii) Research center in humanities and social science. We encourage the scholars and researchers for planning and implementing their own programmes with administrative support.

DR. JAYASREE LAHA
Principal
Raja Narendra Lal Khan Women's College
(AUTONOMOUS)
Midnapore, West Bengal, (9434029182)