

# Serampore Girls' College

13, T.C. Goswami Street Serampore Hooghly - 712201 West Bengal

## NAAC Criteria 3.2.2



**2020-2021**

### Serampore Girls' College

#### Report about the series of Webinar

It is great pleasure to announce that Serampore Girls' College achieved a milestone by conducting huge number of webinars during the pandemic situation. When the world including India literally stopped their regular activities, Serampore Girls College turns the crisis into opportunity and forwarding academic activities of the college in to a new dimension. During lockdown period the college moulds its teaching –learning activities completely in to online mode. Seminar organisation in online mode, so called webinar is added additional feathers in the crown of the college. **Total 21 webinars are conducted of which 19 webinars are done by 20 departments (Computer Science and Mathematics jointly organised)** and the rest two are organised by women cell and NAAC. In each webinar number of eminent academicians of respective subjects from reputed higher education institutes of India and abroad are invited to deliver their valuable speech. All the webinars are organised with the active participation of Internal Quality Assurance Cell (IQAC) of our college. A great thanks should given to the technical team make all webinar successful without any major technical glitch. Audience consists of university professors, college professors, research scholars and graduate and undergraduate students. All the participants enriched with the interaction of the webinar.

#### Glimpse of the webinar series

Number of webinar = 21, Number of Departments=20 + Women cell and NAAC

Total Number of Participants= 7027. Participants from outside state = 18.88%

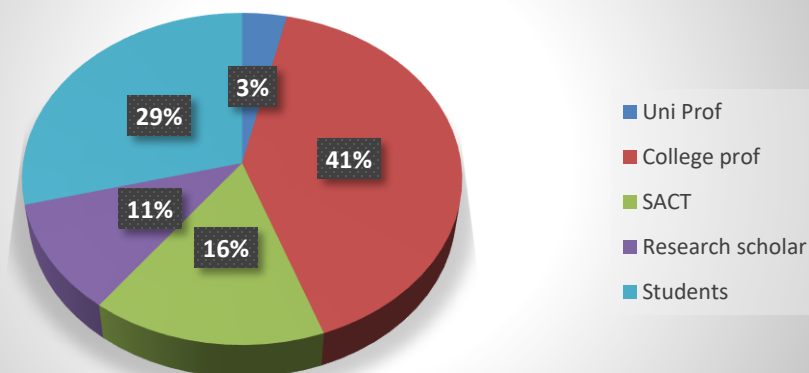
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### Composition of Audience



Sl. No	Departments	Date	State/ National / International	Title Of Webinar	Resource Person	Participants	
						Total	From Other State (%)
1	Political Science	9/6/20	State	The Tangled Web Of Sino-Indian Border Issue: Confrontation And Conciliation	Nivedita Saha, Assistant Professor, University Of Kalyani	996	28.01
2	Bengali	11/6/20	National	Bangla Sahitye Samajik O Sanskritik Biporjoyer Itihas: Sonkot O Uttoron	Dr. Paramasree Dasgupta, Assistant Professor And HOD, Tripura Central University	197	8.12
3	History	12/6/20	State	Post Mauryan Economy: Viewing Trade Network	Prof. Suchandra Ghosh, Professor, University Of Calcutta	723	3.32
4	Hindi	13/6/20	National	Hazari Prasad Dwivedi Ke Nibandh: Samajik Evam Sanskritik Sandarbh.	1) Dr. Vijay Kumar Bharty Professor And Dean, Kazi Nazarul University 2) Dr. Pramod Meena, Associate Professor Of Mahatma Gandhi Central University, Bihar.	152	17.76
5	Economics	14/6/20	National	Boycott Chinese Products: Prospects And Challenges In India	1) Prof. Sugata Marjit, First Distinguished Professor, IIFT 2) Prof. Rajat Acharyya, Professor, Jadavpur University	945	30.05
6	Zoology	16/6/20	National	Insects Of India: Collection, Preservation And Identification	Dr. Devanshu Gupta, Scientist C, Zoological Survey Of India	100	12.00
7	English	17/6/20	State	English Renaissance Drama: Contexts & Readings	1) Dr. Subhajit Sen Gupta, Associate Professor, The University Of Burdwan 2) Dr. Siddhartha Biswas, Associate Professor, University Of Calcutta.	866	3.93

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Sl. No	Departments	Date	State/ National/ International	Title Of Webinar	Resource Person	Participants	
						Total	From Other State (%)
8	Computer Sc& Math	18/6/20	State	Introduction To Python Programming	Dr.ArunabhaAdhikari , Professor, West Bengal State University	143	14.69
8	Computer Sc& Math	19/6/20	State	Introduction To Python Programming	Dr.ArunabhaAdhikari , Professor, West Bengal State University	143	14.69
9	Geography	20/6/20	State	Learning Ecosystem Under Covid – 19 New Normal – The Indian Context	Dr. LakshminarayanSatpati , Professor, University Of Calcutta	241	7.47
10	Philosophy	21/6/20	State	Pandemic And The Interface Between Lived Life And Virtual Life	Pralayankar Bhattacharyya, Associate Professor, University Of Calcutta	200	5.00
11	NAAC	22/6/20	National	Revised NAAC Assessment And Accreditation Process For Affiliated Colleges	1) Dr. Ganesh AnantHegde, Advisor, NAAC , Bangalore. 2) Dr. Siddhartha Gupta, Principal, BankuraZillaSaradamaniM ohilaMahavidyapith, West Bengal	300	26.67
12	Botany	23/6/20	State	Development Of Aptamer Based Selective Localization Of Gold Nanoparticles For Early Stage Detection & Future Applications In Therapeutic Prevention Of Dengue Infection		230	11.30
13	Sociology	24/6/20	International	Changing Patterns Of Relationship:COVID 19 And Its Aftermath	1)Prof.Samita Manna, Former Vice-Chancellor, Sidho-Kanho-Birsha University, Purulia	800	40.50

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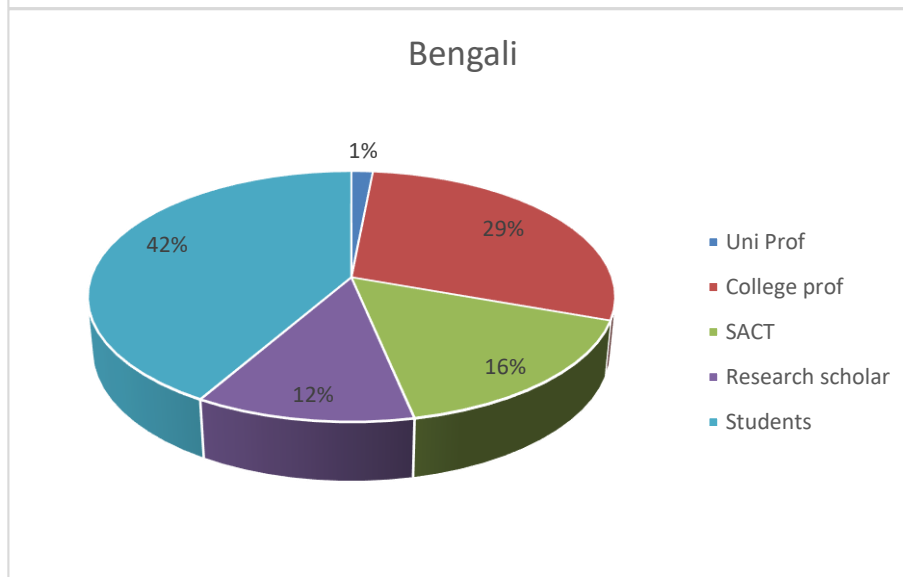
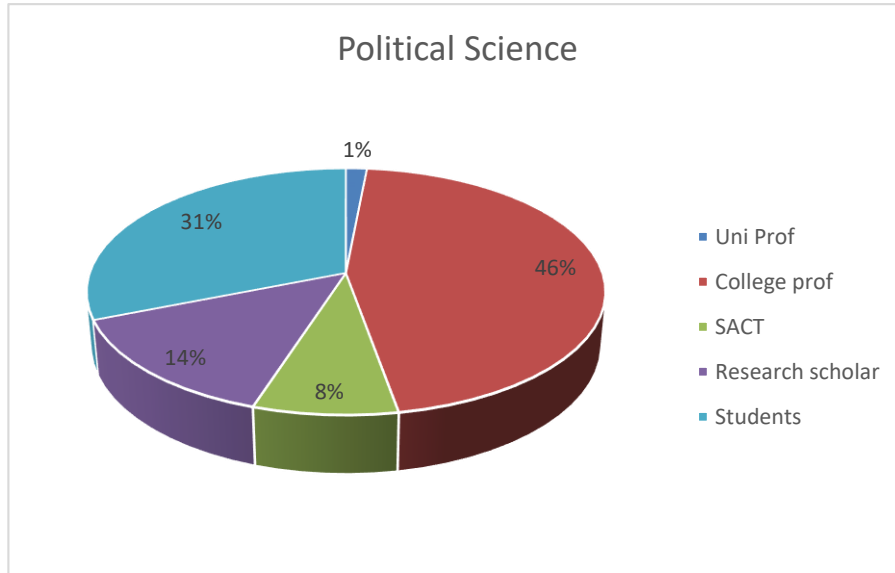
Sl. No	Departments	Date	State/ National/ International	Title Of Webinar	Resource Person	Total	From Other State (%)
					2)Prof.SudeshnaBasu Mukherjee, University Of Calcutta 3)Dr. K.M. Rejaul Karim, Associate Professor, Govt. M.M. College, Jashore, Bangladesh		
						<b>Participants</b>	
14	Music	25/6/20	State	RabindraSangeet E PadabaliKirtanerChhowa	Dr. KankanaMitra, (Roychowdhury), Associate Professor, RabindraBharati University	79	6.33
15	Electronics	26/6/20	State	Modelling Of Sic MESFET: Some Contemporary Issues	Dr.Sutanu Dutta , Vidyasagar University	57	3.51
16	Physical Education		State	Swami Vivekananda's Health And Physical Exercise	Dr.PintuSil, Officer -In - Charge , SIPEW, Hastings House, Alipur Kolkata	100	10.00
17	Women Cell	28/6/20	State	Muffled Voices From Within : Lockdown & Violence Against Women	1)Dr.Kumkum Sarkar ( Chairperson) Associate Professor In Sociology, SSS, NSOU 2)Dr.BasabiChakraborty (Speaker), Founder Head And Senior Faculty, Dept. Of Sociology, RBU 3)Ms.BarnaliGanguly (Speaker) Sub Inspector of Police., Office In Charge Of Serampore Women P.S., Chandannagar Police Commissionerate.	108	3.70
18	Physics	30/6/20	National	The Wonderful World Of Materials & Experimental Physics For Undergraduate Student	1)ProfessorSamit Kumar Ray, Director, S. N. Bose National Center For Basic Sciences, Kolkata	130	26.15



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### Department of Bengali

**Main Theme:** By reading, learning and teaching of Bengali literature we get to know how mankind overcome the crisis period. The webinar discussed all such historical perspectives through Bengali literature.

### Department of History:

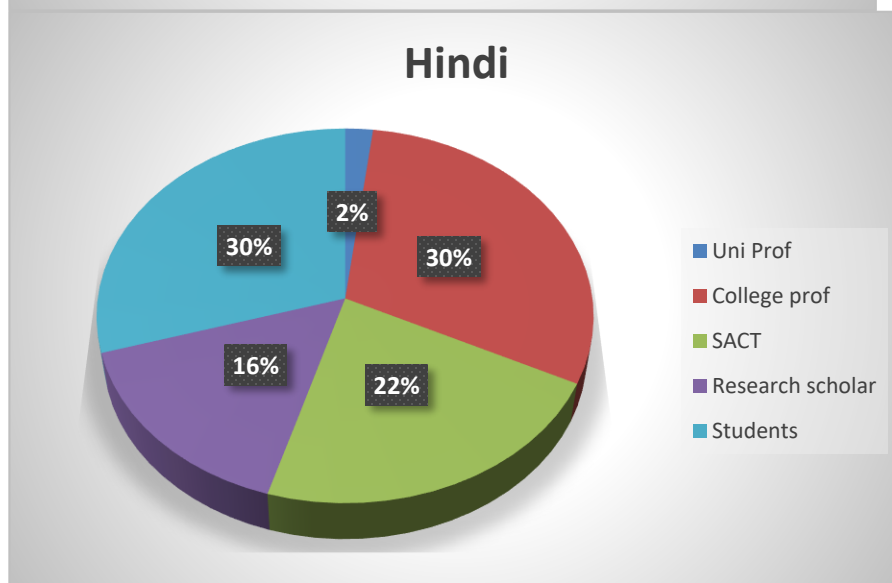
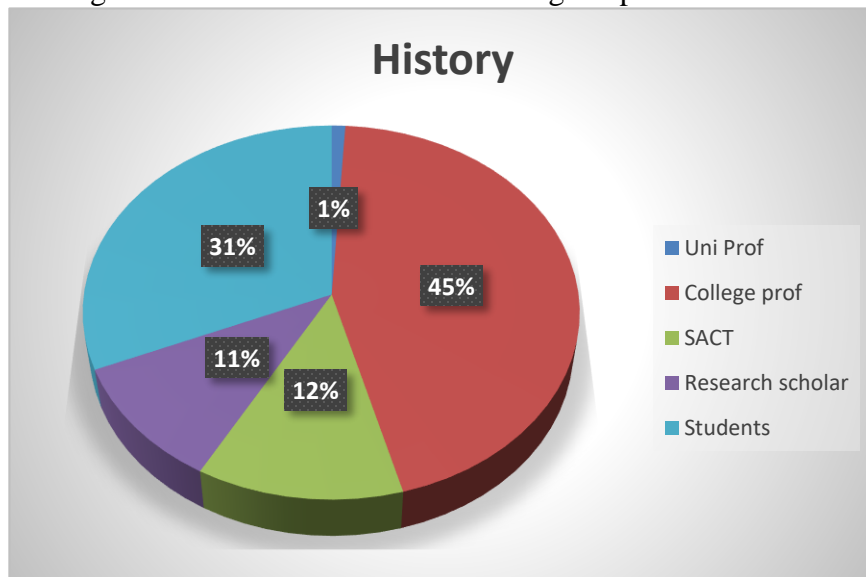
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**Main Theme:** The Main focus of the lecture was to discuss the overseas trade routes along with inland networks during post Mauryan period through which along with inland networks were circulated. This was the main reason for unprecedented growth in the economic life (such as proliferation of crafts) in that period which was visible in all spheres of economy. Non-agrarian sector though basic ideas about the agrarian sector was discussed. The linkage between the hinterland and foreland of the port of Barygaza was highlighted. The lecture ended with a thorough discussion of monetization during the period.



Department of Hindi

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### **Main Theme:**

A webinar on "Hazari Prasad Dwivedi's Essay: Social and Cultural Context" was organized by the Hindi Department of Serampur Girls College. Discussing about the essay of Acharya Hazari Prasad Dwivedi, we can say that there is an amazing coordination of civilization and culture in his essay. His essays provide a new direction to the society. In his essays, human problems, modern attitudes towards Indian culture and importance of human beings have been prominent. At the same time, they oppose the communalism spread between Hindu-Muslim cultures. Hazari Prasad Dwivedi's essay in today's modern times is very relevant from all these perspectives.

### **Department of Economics**

**Main Theme:** The webinar explored the impact of imposing stringent import measures on Chinese product during the post Galwan Vally incident 2020 on Indian Economy and general people. Both the speakers explained that China being one of the largest trading partners of India and India being dependent on a large variety of critical imports from China it is nearly impossible to boycott Chinese goods. The main reason is that China being a labour abundant and cheaper workplace than India can supply so many goods to us and we cannot.

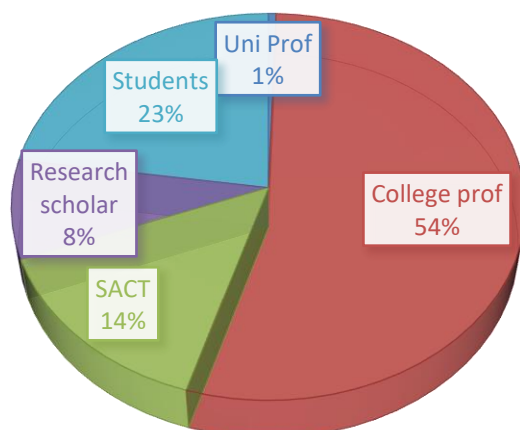
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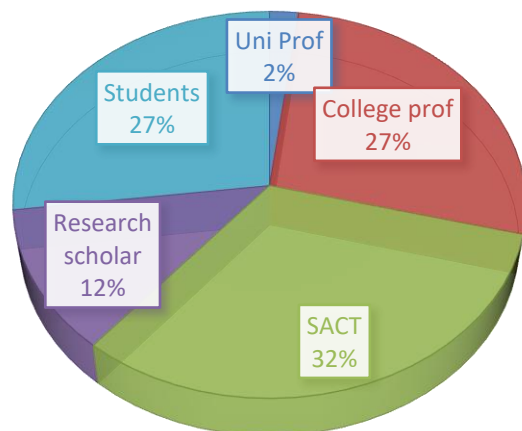
## NAAC Criteria 3.2.2



### ECONOMICS



### ZOOLOGY



### Department of Zoology

**Main Theme:** Insects are the major constituents of both terrestrial and aquatic ecosystems and they cast their immense role regulating and maintaining the ecosystem where they live. Studying their biology and understanding their roles in our life thus is not only of academic interest but also are supposed to be of applications for our benefits in coming future.

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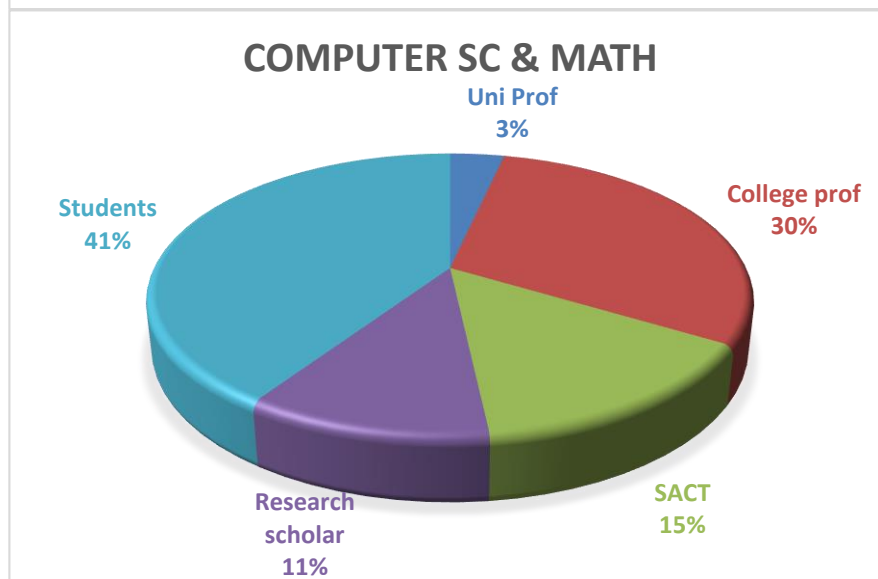
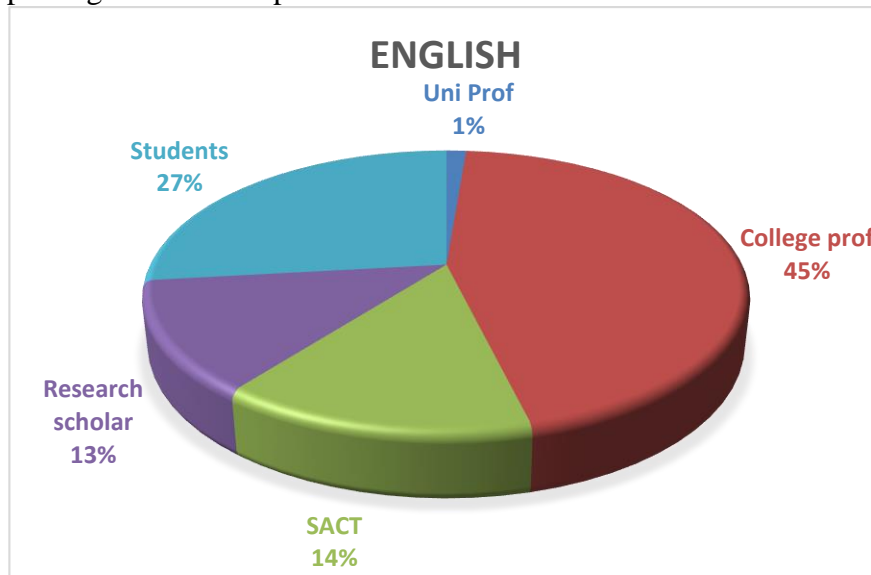
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### Department of English:

**Main Theme:** English Renaissance drama occupies a significant place in the curricula of undergraduate and postgraduate English and Culture studies. This webinar, with its focus on Renaissance drama, will foreground the prevalent literary genres that provide multifaceted contexts for the reading of Elizabethan drama. The webinar will cater to the radical shifts in emphasis within the institution of English literary studies by challenging the existing dominant paradigms of Shakespeare criticism.



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### Department of Computer Science

**Main Theme:** Python is a powerful general-purpose programming language. It is used in web development, data science, creating software prototypes, and so on. Python is used by Wikipedia, Google (where Van Rossum used to work), Yahoo!, CERN and NASA, among many other organizations. Fortunately for beginners, Python has simple easy-to-use syntax. This makes Python an excellent language to learn to program for beginners

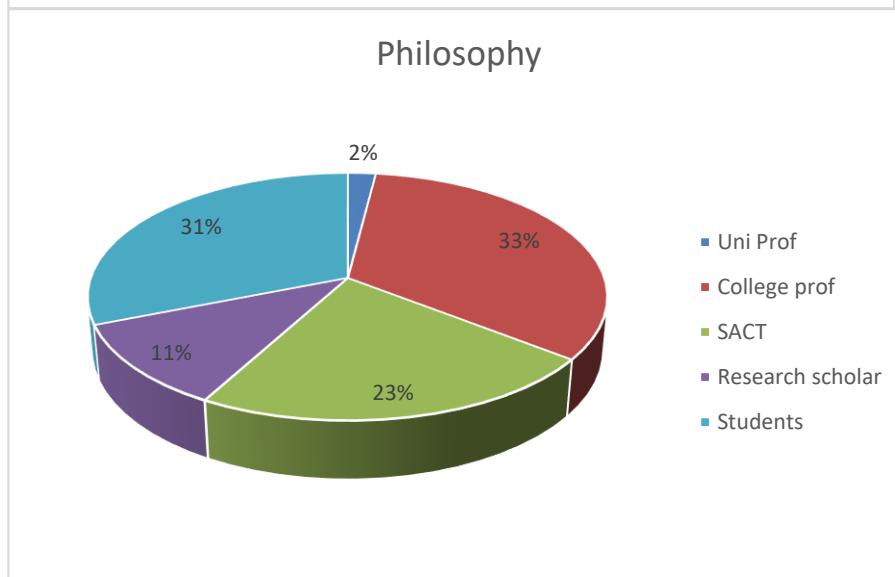
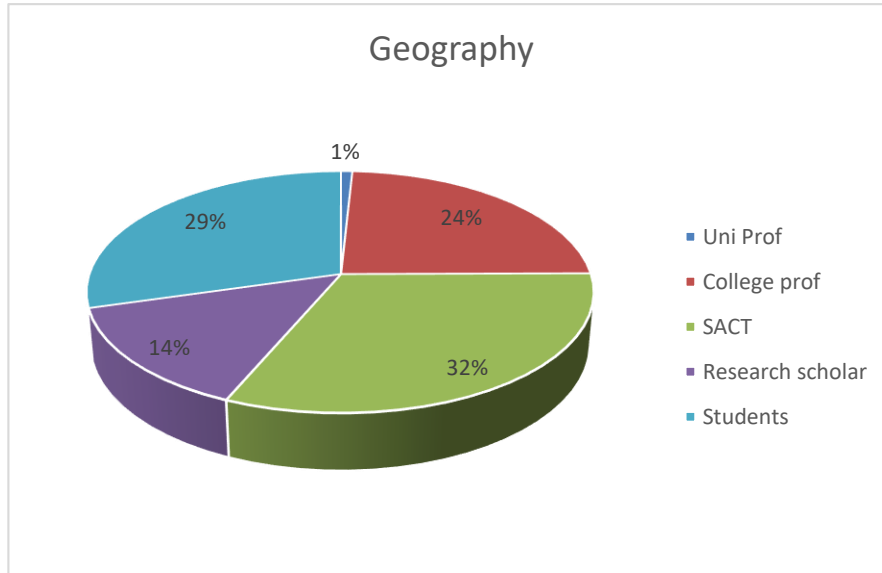
### Department of Geography

**Main Theme:** The webinar explored how education, job, entrepreneurship, transport, social and psychological practices can be balanced to ensure a safe reopening of the country during the new normal situation set by the Covid-19 pandemic.

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### Department of Philosophy

**Main Theme:** The pandemic- covid-19 has had its disastrous effect on us. As the world sits in front of millions of flat screens and maps the new reality by moving a cursor, the very definition of what constitutes reality may be undergoing a change to make the older reality fade away. This is guided by the fear in many that the physical world is not safe anymore and there is a comfort in the virtual, worth holding on to. This topic is to be approached philosophically and discussed in relation with technocratic consciousness or the instrumentality of technology.

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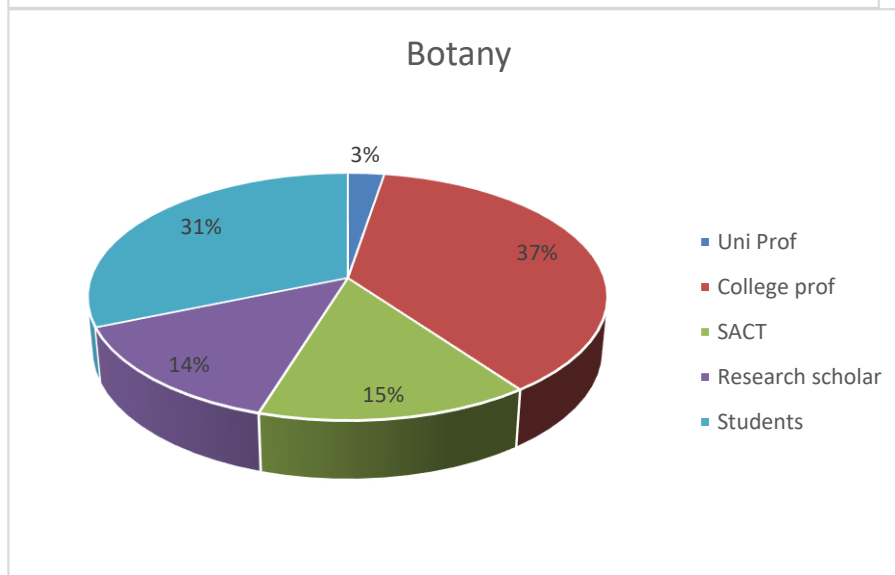
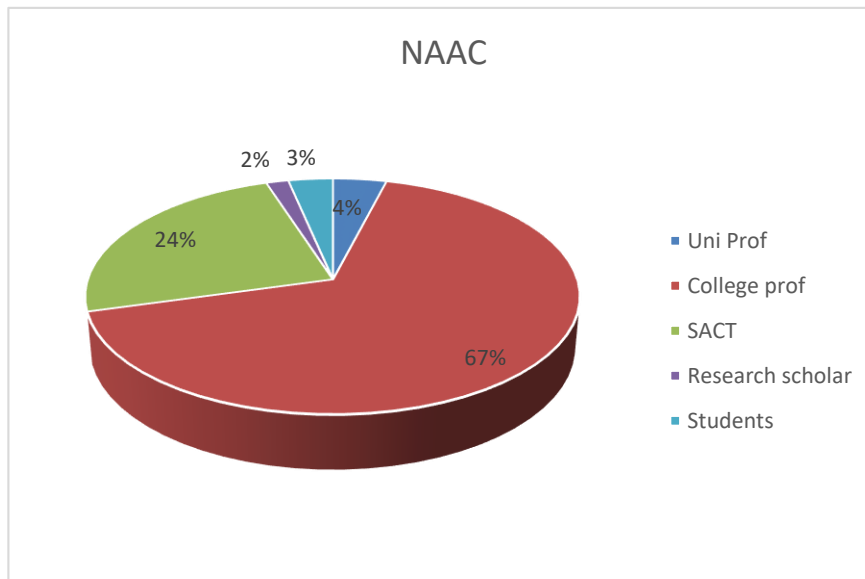
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### NAAC

**Main Theme:** The main focus of the Webinar was regarding the revised procedure to be followed by the affiliated colleges in the accreditation and assessment process in the future



### Department of Botany

**Main Theme:** Although FDA had recommended the use of a vaccine in Philippines & other pandemic regions by 2019, there is no vaccination against dengue in India. That is why, early detection of disease progression associated with severe dengue, and access to proper medical

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care lowers fatality rates of severe dengue to below 1%. Our eminent speaker delivered her speech on use of gold nanoparticles in early stage detection of dengue & their further applications in therapeutic prevention of dengue.

### **Department of Sociology**

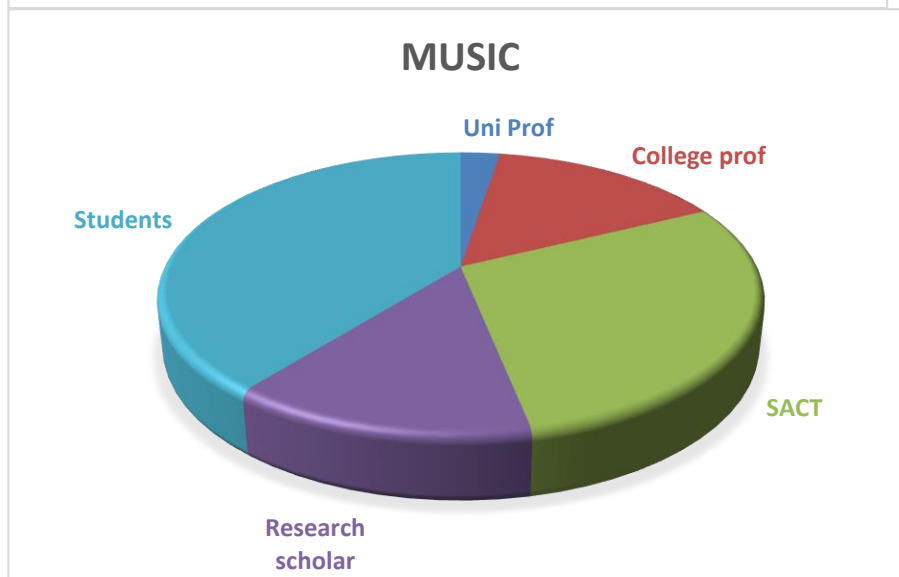
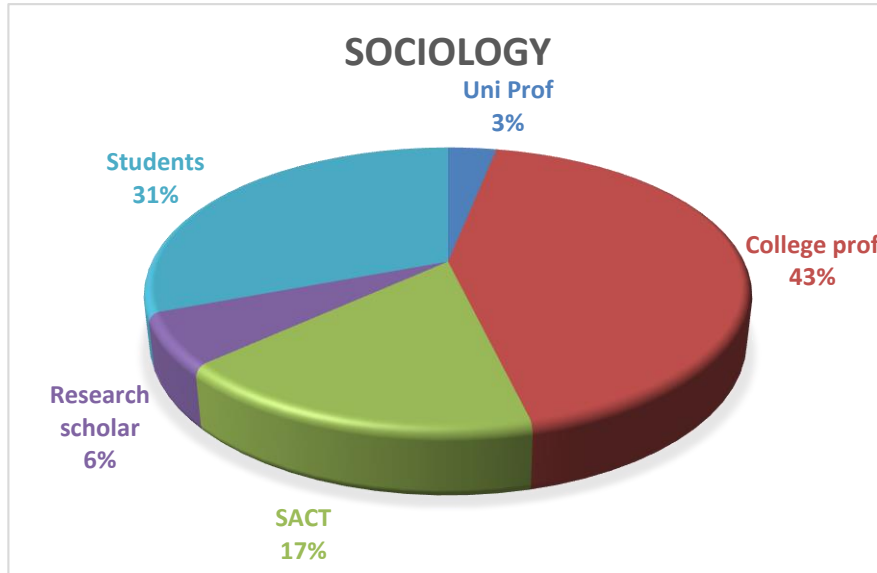
**Main Theme:**The Covid-19 pandemic has reshaped our personal relationships in unprecedented ways, forcing us to live closer together with some people and further apart from others.

In this pandemic situation how relationship maintained by people are very much important to explore in the sociological point of view. Now a day's relationship completely changes from face to face interaction to virtual relationship. Family relationship and community relationship also changing. These were explored in the webinar.

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### Department of Music

**Main Theme:** Resource person demonstrated her lecture on the said topic both theoretically and practically by singing, which was very much informative and enriching to viewers.

### Electronics

**Main Theme:** The Metal-Semiconductor-Field-Effect-Transistor (MESFET) consists of a conducting channel positioned between a source and drain contact region. MESFET provides a

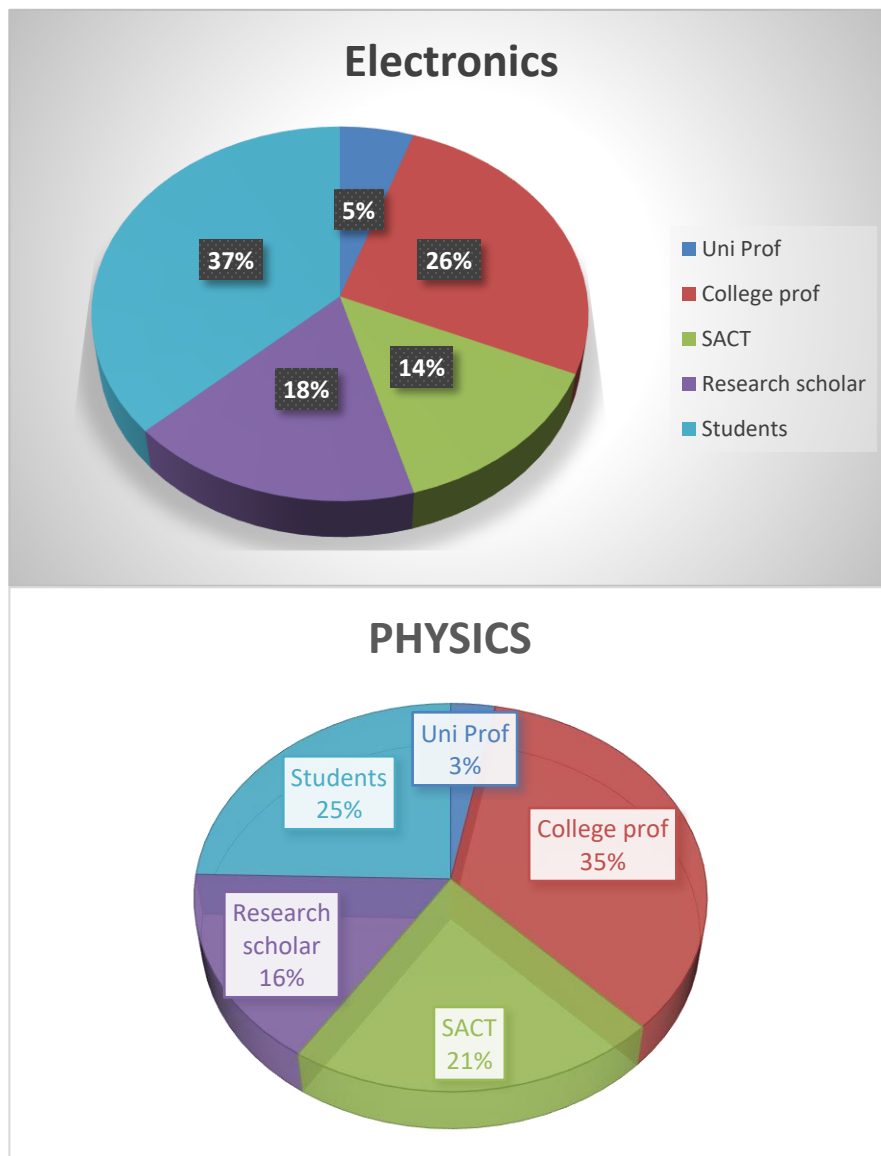
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superior microwave amplifier or circuit, the limitation by the diode turn-on is easily tolerated. The main purpose of MESFET is to develop a system-on-chip dedicated to power applications. Several new SiC power MESFETs had been designed to optimize the characteristic of the breakdown voltage, specific on resistance, frequency and trans conductance.



### Department of Physics

**Main Theme:** Materials science, the study of the properties of solid materials and how those properties are determined by a material's composition and structure. It grew out of an amalgam

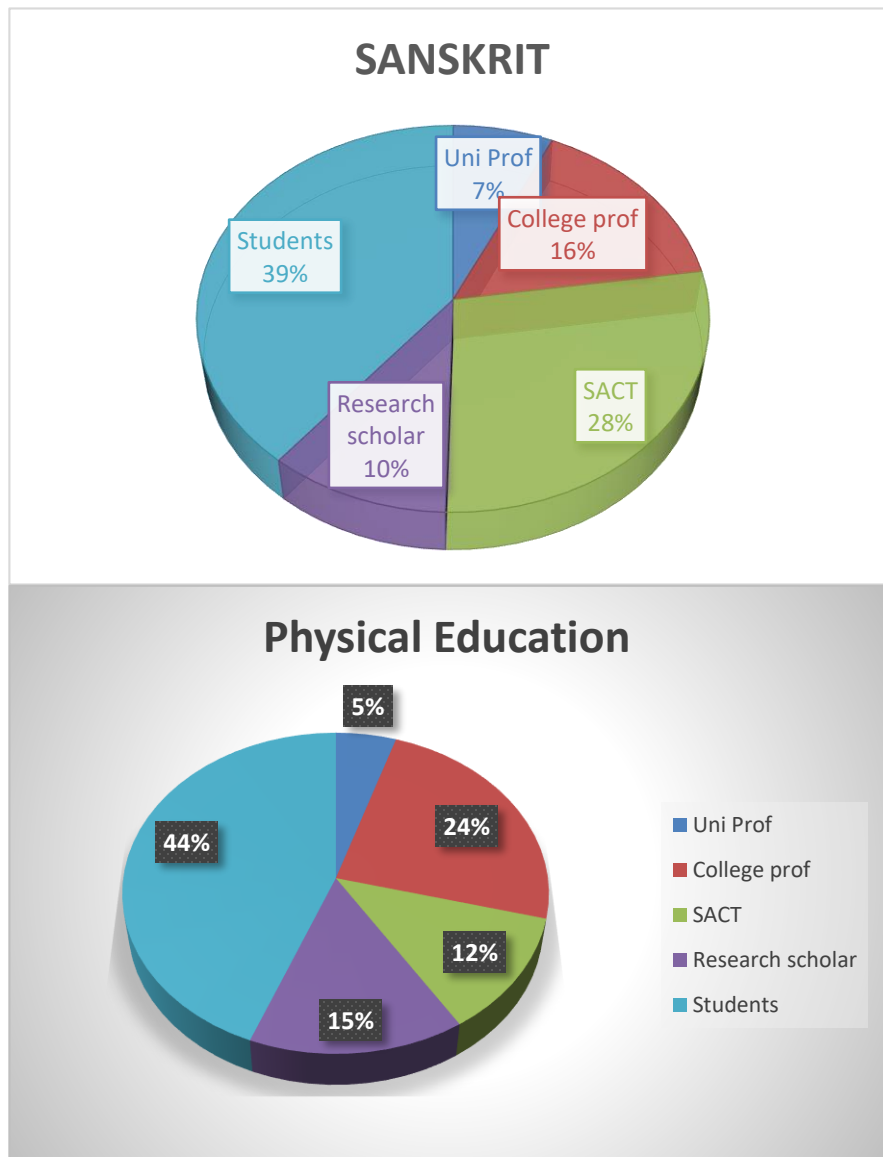
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of solid-state physics, metallurgy, and chemistry. Materials can be selected or designed for an enormous variety of applications, ranging from structural steels to computer microchips. Materials science is therefore important to engineering activities such as electronics, aerospace, telecommunications, information processing, nuclear power, and energy conversion. Experiment on the other hand plays many roles in science. One of its important roles is to test theories and to provide the basis for scientific knowledge.



Department of Sanskrit

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### Main

**Theme:** বর্তমানকালভোরতবর্ষতথাসমগ্রবিশ্বকরোণামহামারীরপ্রকোপগ্রেস্ত। আজআমরাশ্রীরা মপুরমহিলামহাবিদ্যালয়সেমবতেহয়ছেদির্শনওআয়ুর্বদেরেদৃষ্টিমেহামারীরস্বরূপআলোচনাকরারজন্য। লক্ষণপ্রমাণাভ্যাংবস্তুসিদ্ধিঃ এইনিয়মঅনুসারযেকোনপদার্থসিদ্ধহয়লক্ষণওপ্রত্যক্ষাদপিরমাণরেমাধ্যমে। ফলতঃ লক্ষণওপ্রত্যক্ষাদপিরমাণরেদ্বারামহামারীরলক্ষণনির্ণয়করবআমরাদর্শন শাস্ত্রানুসারে।

### Department of Physical Education

**Main Theme:** The webinar explored the idea and vision of Swami Vivekananda about health consciousness and physical exercise, outlook towards sports.

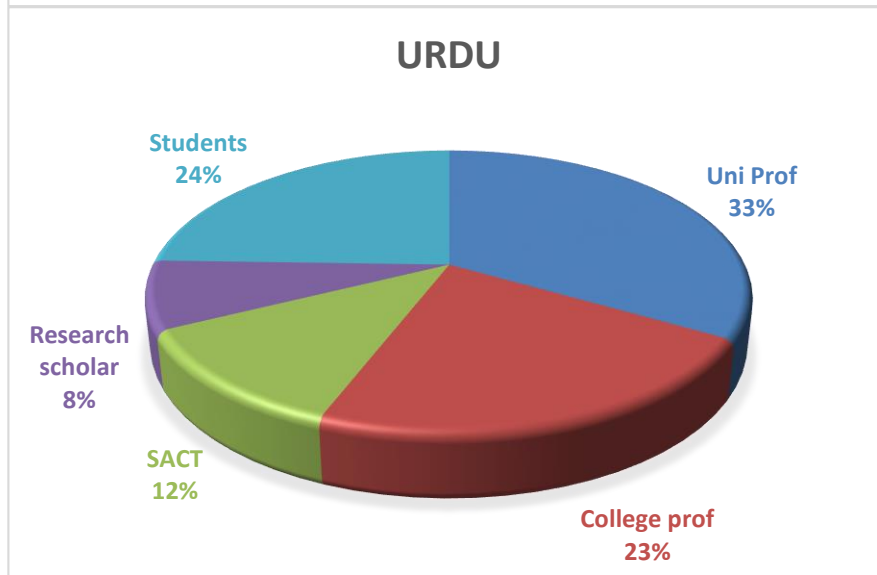
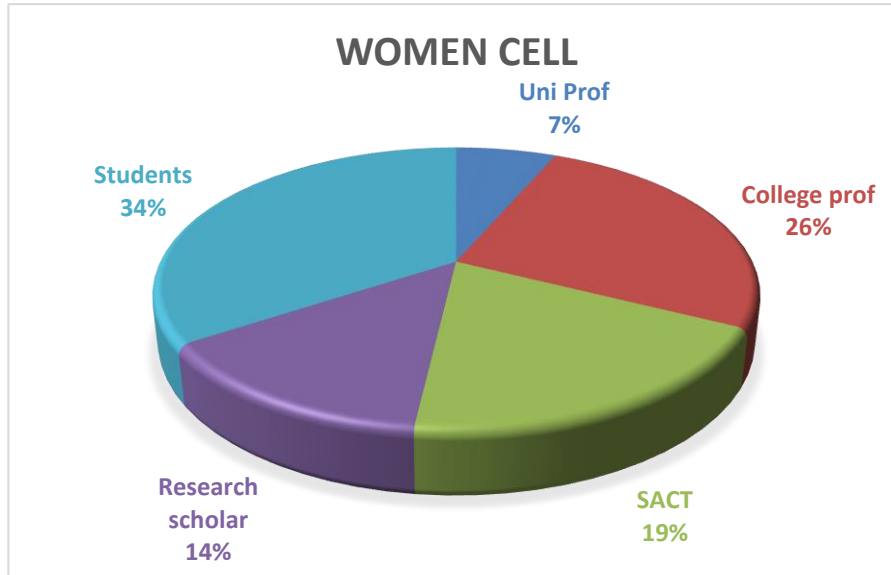
### Women cell

**Main Theme:** During the first four phases of the COVID-19-related lockdown, Indian women filed more domestic violence complaints than recorded in a similar period in the last 10 years. Both rural and urban West Bengal is witnessing a rise in domestic violence, verbal and physical abuse cases during the ongoing lockdown period. In this situation the Women's Cell of this college has decided to organise this webinar to boost the student's mental strength and to show them some possible way outs.

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### Department of Urdu

**Main Theme:**

#### Education

**Main Theme:** The webinar tried to explore the prospects of 'Technology Mediated Learning' (TML) as well as problems of TML at present context. How the learners learn and the teachers should teach through technology and the improvement of the use of new technology to overcome the challenge of digital divide world was discussed.

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### Education

