

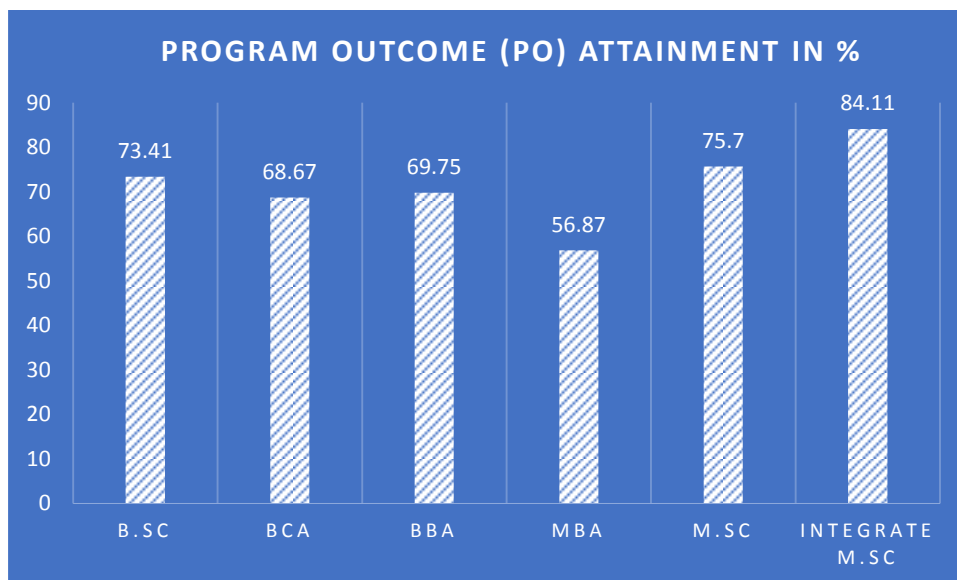
## 2.6.2 Attainment of programme outcomes and course outcomes are evaluated by the institution

### Introduction:

The assessment of course attainment of students is mainly based on examination results, placement of students in various research institutes, government sectors and industries. Further, achievements like qualifying in national and international level examinations, scholarships, internships, summer fellowships, joining the research field and being self-reliant in their chosen fields are also used for assessing the attainment. Attainment of program outcomes is also obtained by taking into account of the number of students enrolling for higher studies, like MSc, MBA, MCA and PhD programmes and the number of students clearing UGC-NET, JAM and GATE,GAT-B etc., Continuous assessment and semester-end examination of the students also help in mapping and evaluating the extent to which course outcomes are attained in terms of gaining relevant knowledge and skills. POs, PSOs and COs are followed for formal as well as informal mechanism for the measurement of attainment of the outcomes. The college receives feedback from all the stakeholders in this respect and tries to take necessary steps accordingly. Subsequently, the College takes care of the attainment to measure the POs, PSOs and COs and implements the mechanism as follows: The college strictly follows the Academic Calendar. The teachers are instructed to maintain Academic Diary for effective teaching The College maintains Feedback from the Stakeholders for the attainment of PO, PSO and CO. Placement committee has data of the Students' Progression to Higher Studies and their Placement in various organisations. The college has made use of the following statistical analysis for the representation of attainment of programme outcomes and course outcomes.

1. PROGRAM OUTCOME ATTAINMENT EVALUATION
2. PROGRAM SPECIFIC OUTCOME ATTAINMENT EVALUATION (PG)
3. COURSE OUTCOME ATTAINMENT EVALUATION (PG)
4. COURSE OUTCOME ATTAINMENT EVALUATION (I YEAR NEP 2020 BATCH STUDENTS)

Currently our college follows **OUTCOME BASED EDUCATION (OBE)** in all programs. As a step taken of further progress in educating students, as per GOI direction, Government of Karnataka has directed all colleges of Karnataka to commence the NEP education. As per this, Yuvaraja's College being a Constituent Autonomous college of University of Mysore has implemented NEP education for all UG and Master of Science (Integrated) programs.

**I CASE STUDY done FROM 2021-2022 passed out students****PROGRAM OUTCOME ATTAINMENT EVALUATION**

Graph Showing the Program outcome (PO) attainment in % of all programs ( all 19 programs of B.Sc (CBCS) are combined and shown as B.Sc.) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software. Highest attainment is 84.11% from Integrated M.Sc. program and lowest is 56.87% from MBA program.

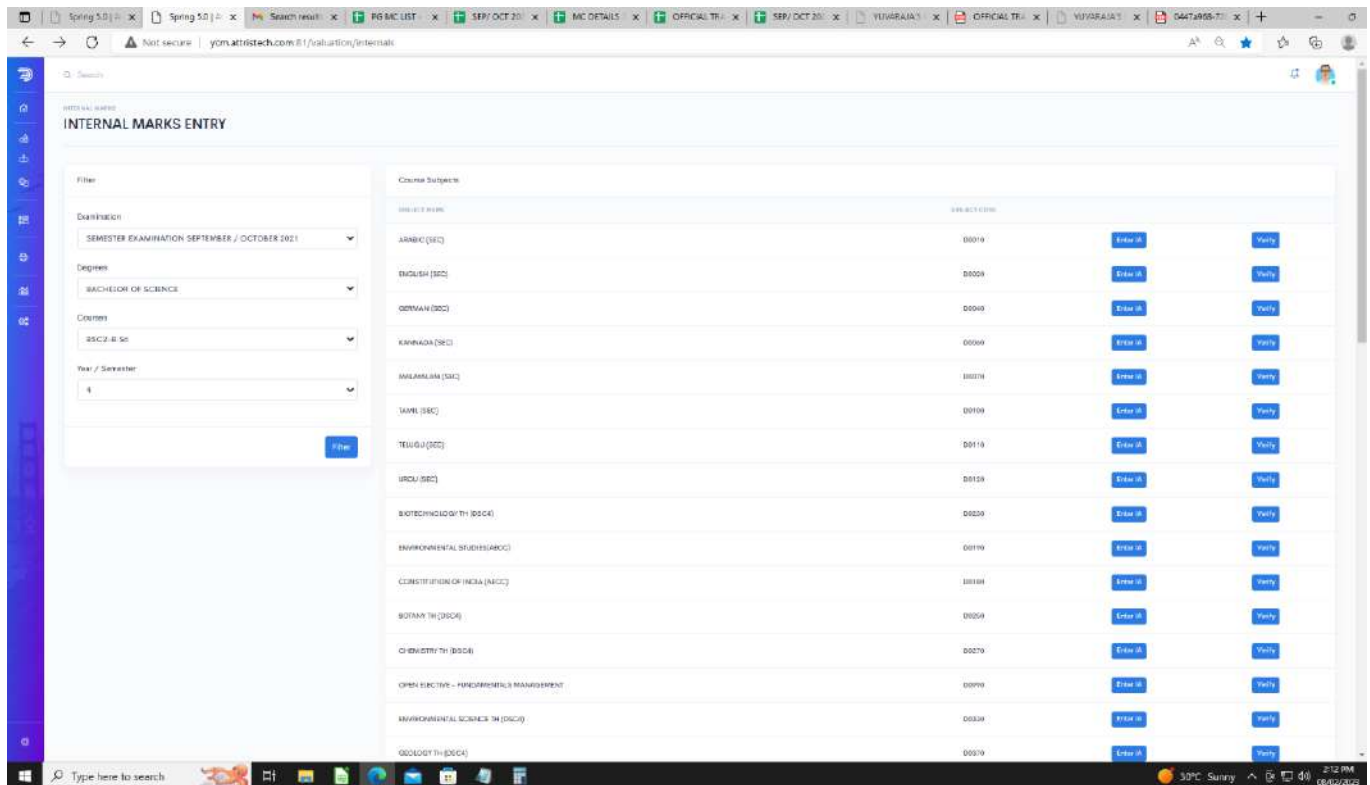
Details of Software hired by the College is as follows:

**Attris Technologies Pvt Ltd**

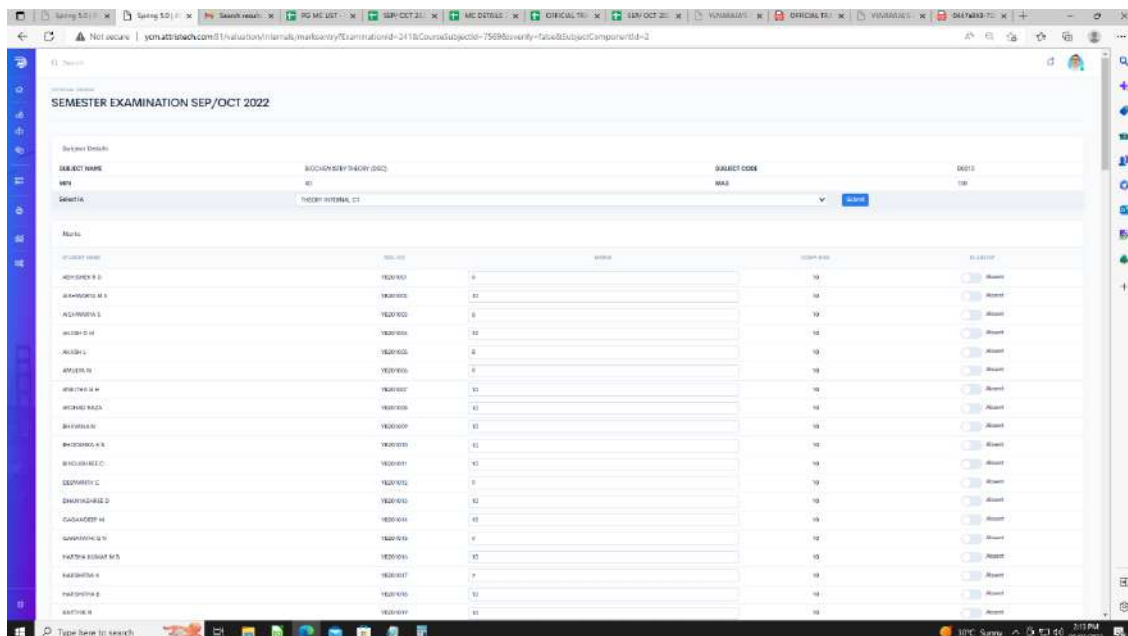
**Mob: 9686482930**

**Email Id:veena.keerthimangalam@attristech.com**

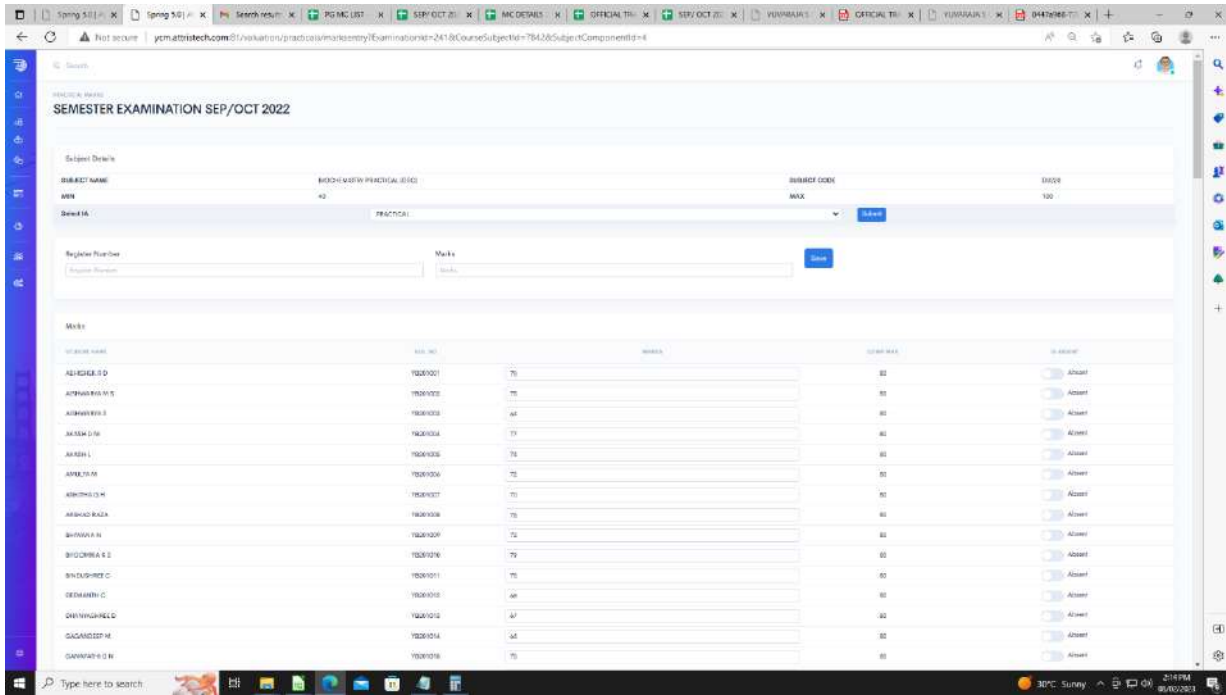
Some screen shots of the examination software used by **Attris Technologies Pvt Ltd** for our college are given below:



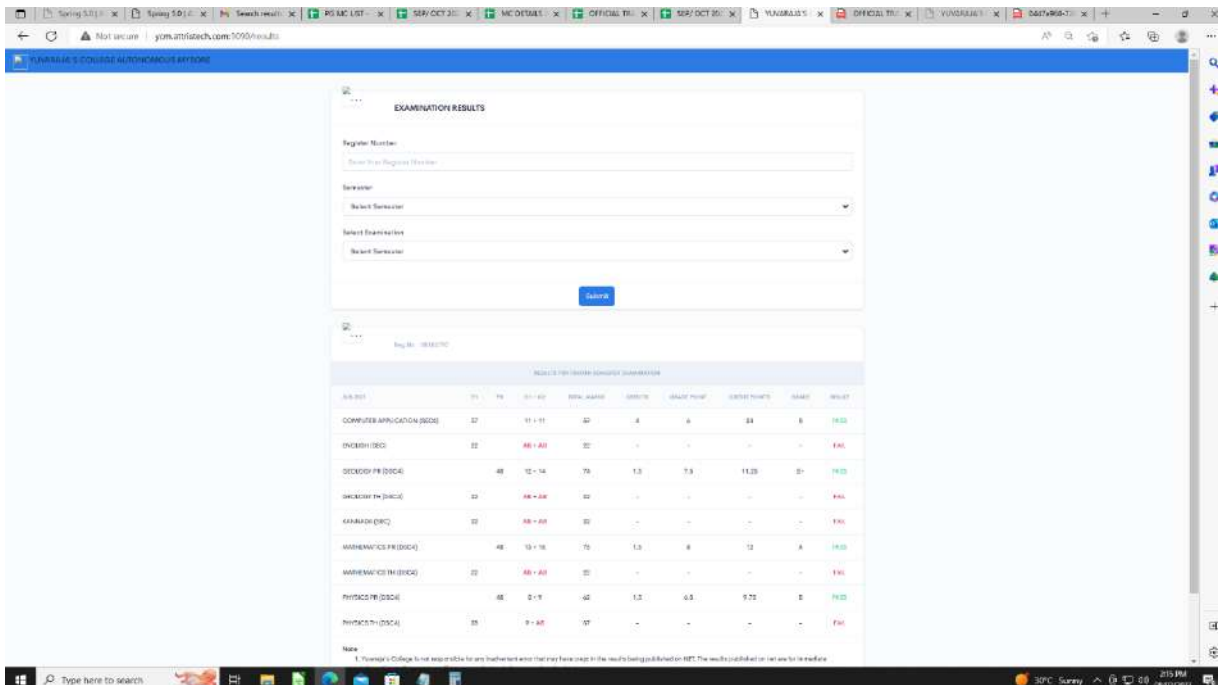
Screen shot of Online Internal assessment marks entry through the soft ware of Attris Technologies



Screen shot of Online C1 Internal assessment marks entry through the soft ware of Attris Technologies

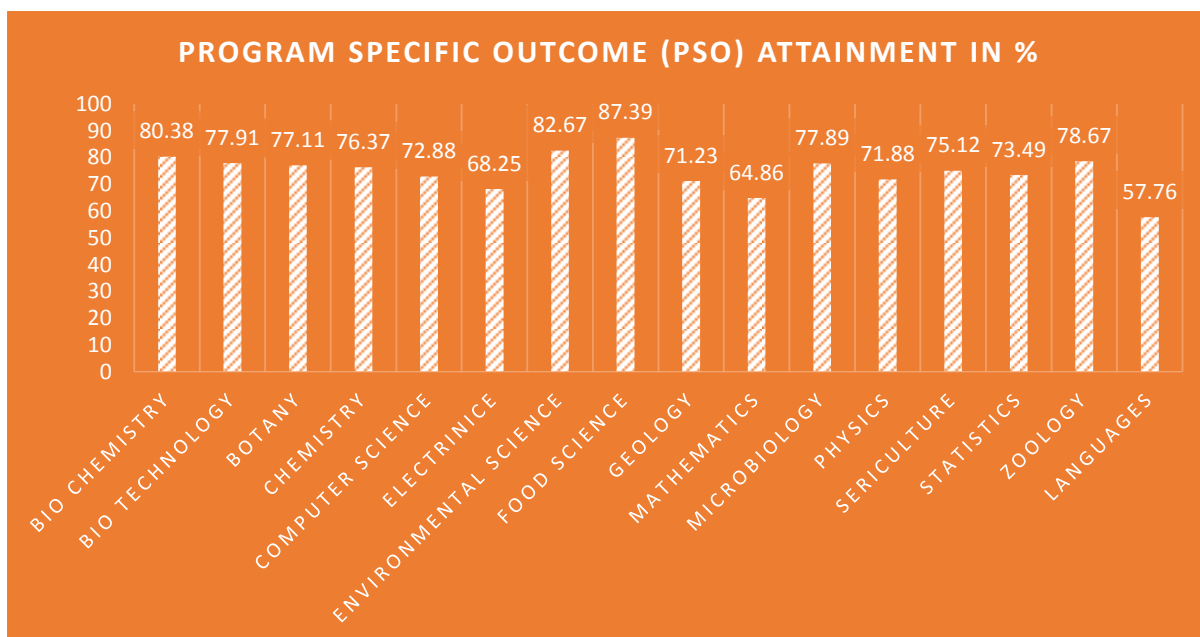


Screen shot of Online marks entry of C3 component - Practical examination through the soft ware of Attris Technlogies



Screen shot of Online examination results through the soft ware of Attris Technlogies

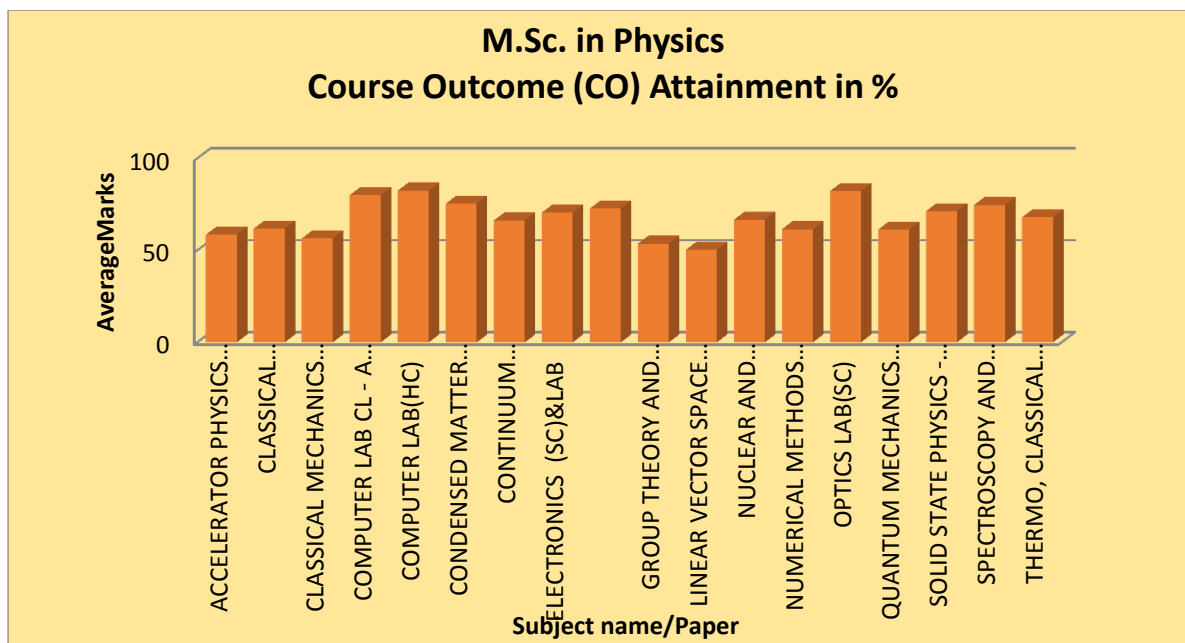
## PROGRAM SPECIFIC OUTCOME ATTAINMENT EVALUATION



Graph Showing the Program specific outcome (PSO) attainment in % of all BSc programs ( all 15 program specific subjects of B.Sc (CBCS) for the year 2021-2022. The program specific Languages (English, Kannada, Sanskrit and Hindi are combined for analysis). This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software. Highest attainment is 84.11% from Food Science and Nutrition and lowest 64.86 from Mathematics and languages it is 57.76%

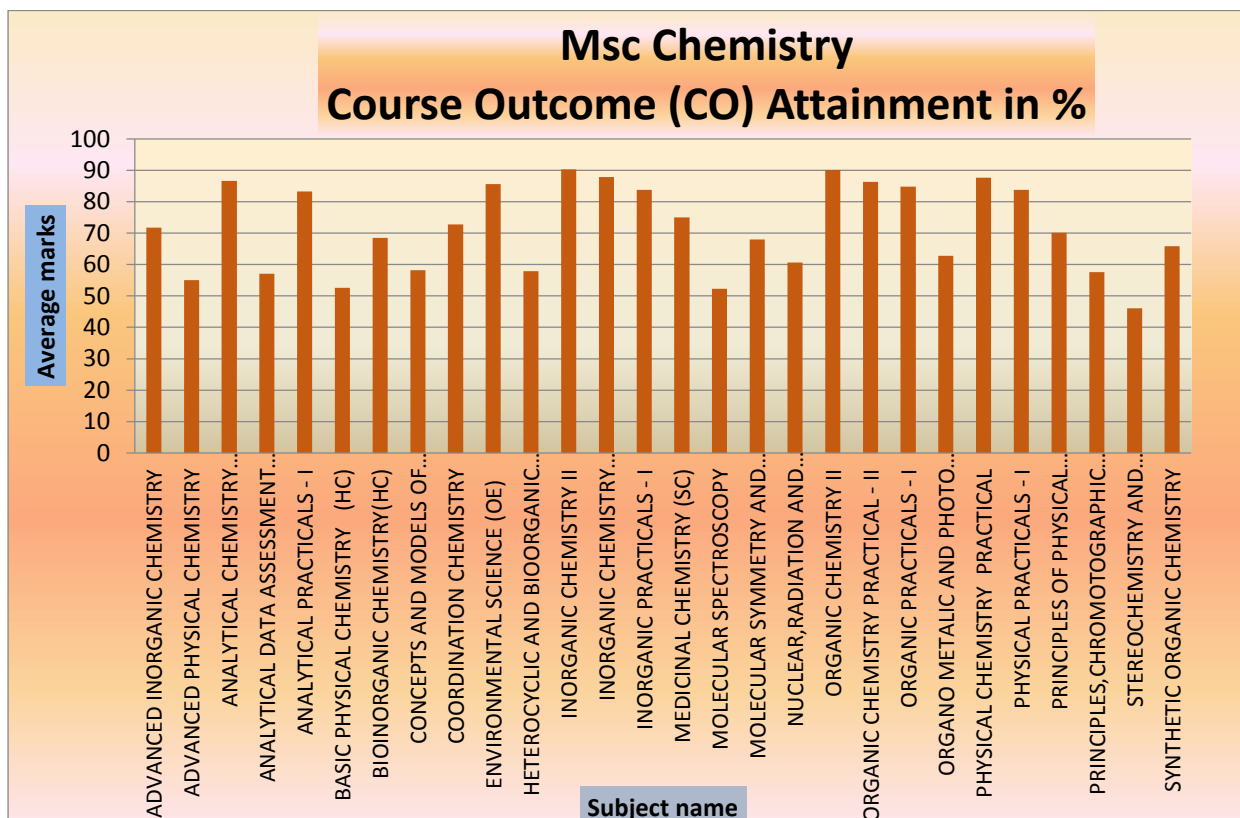
## COURSE OUTCOME ATTAINMENT EVALUATION

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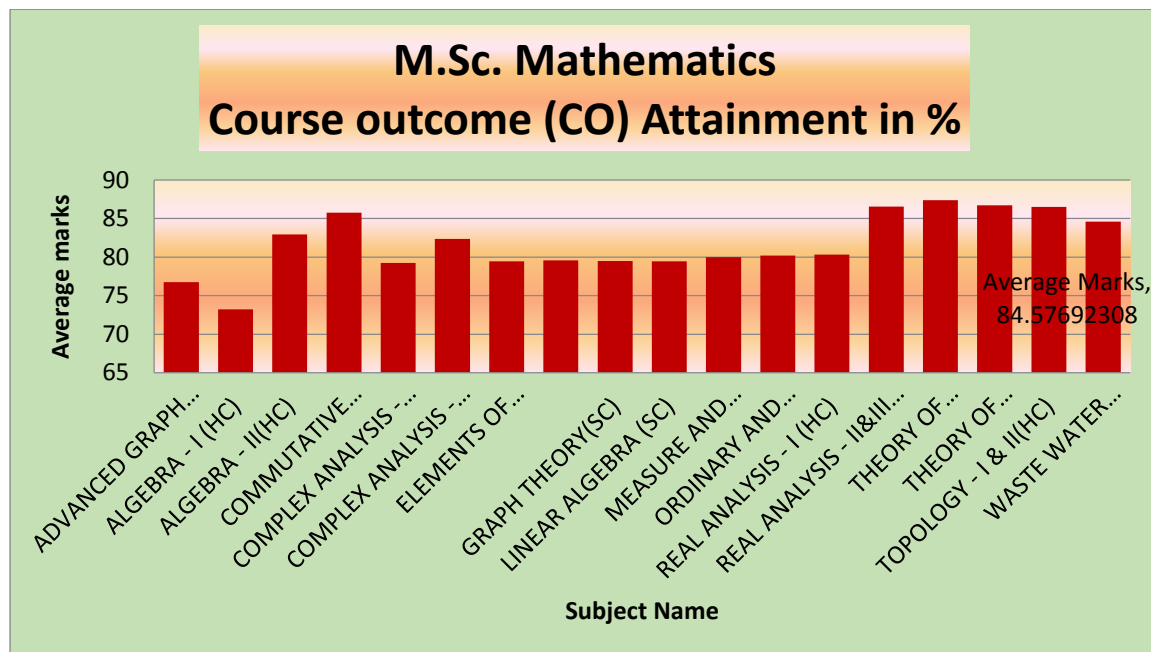
Graph Showing the Course outcome (CO) attainment in % of Physics (PG) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software.

Fgfhg

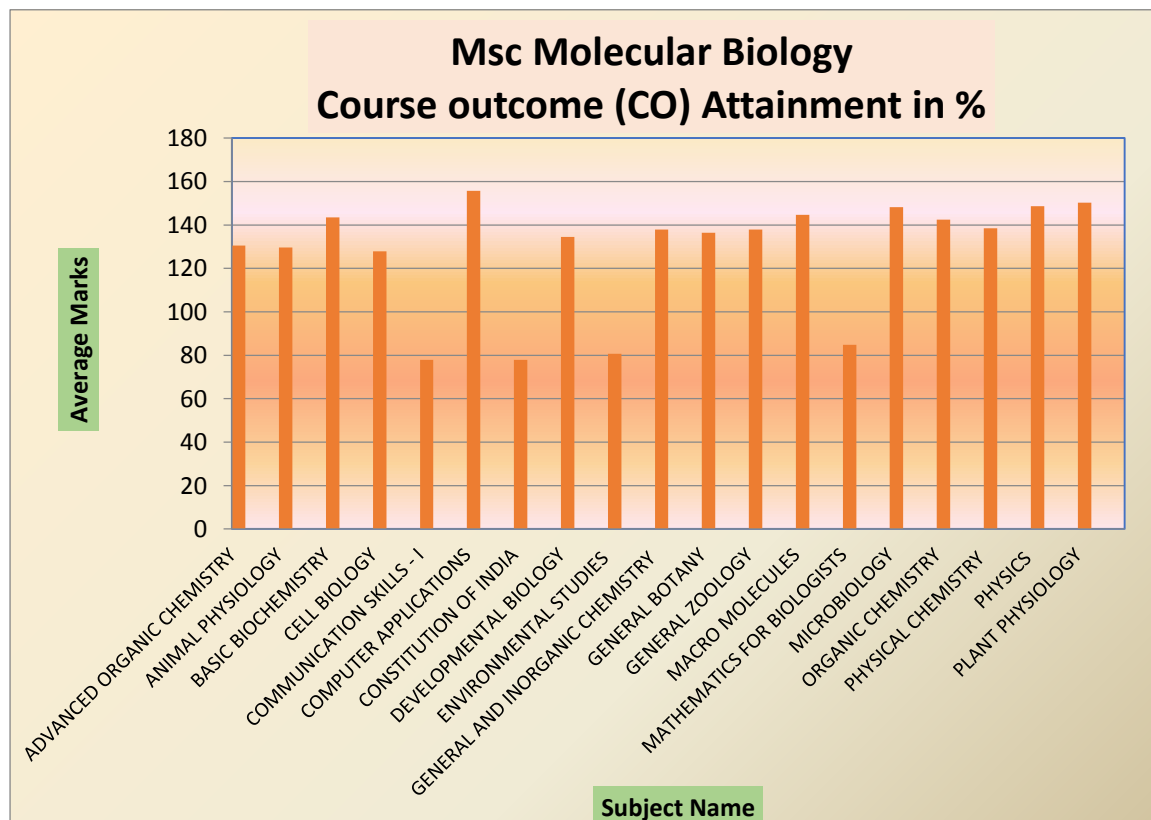


Graph Showing the Course outcome (CO) attainment in % of Chemistry (PG) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software.

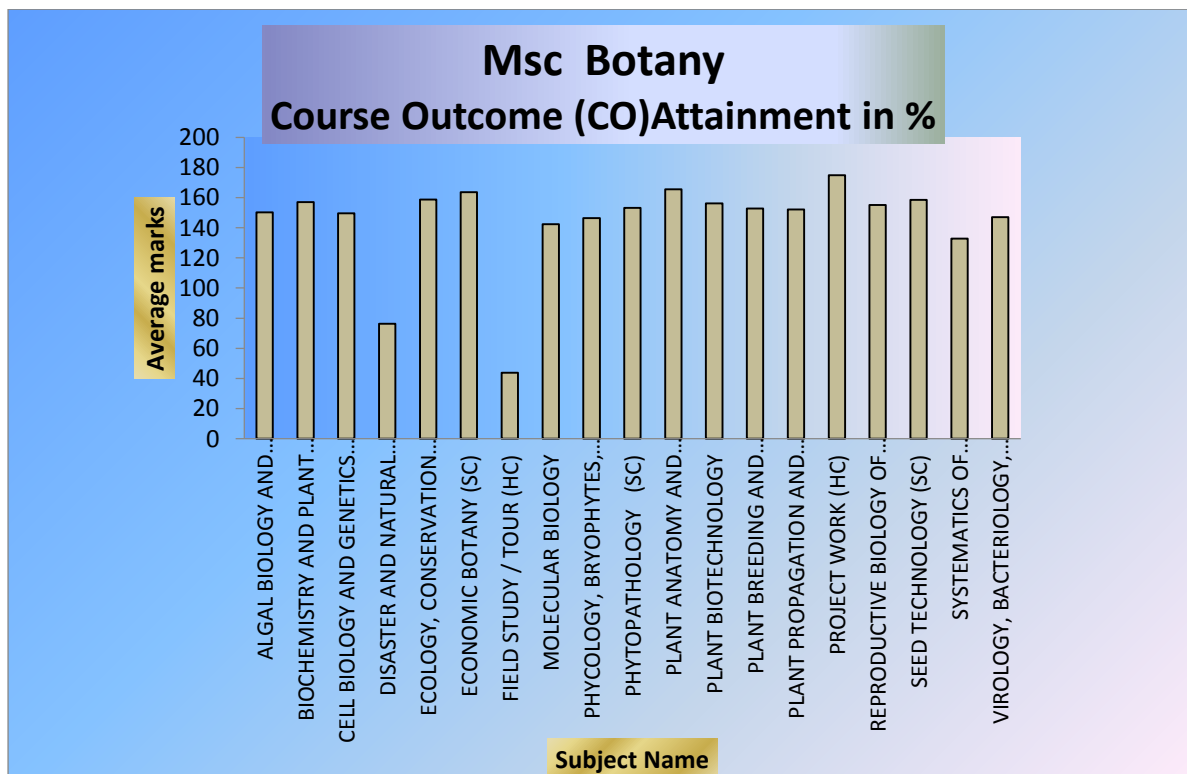
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Graph Showing the Course outcome (CO) attainment in % of Mathematics (PG) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software.

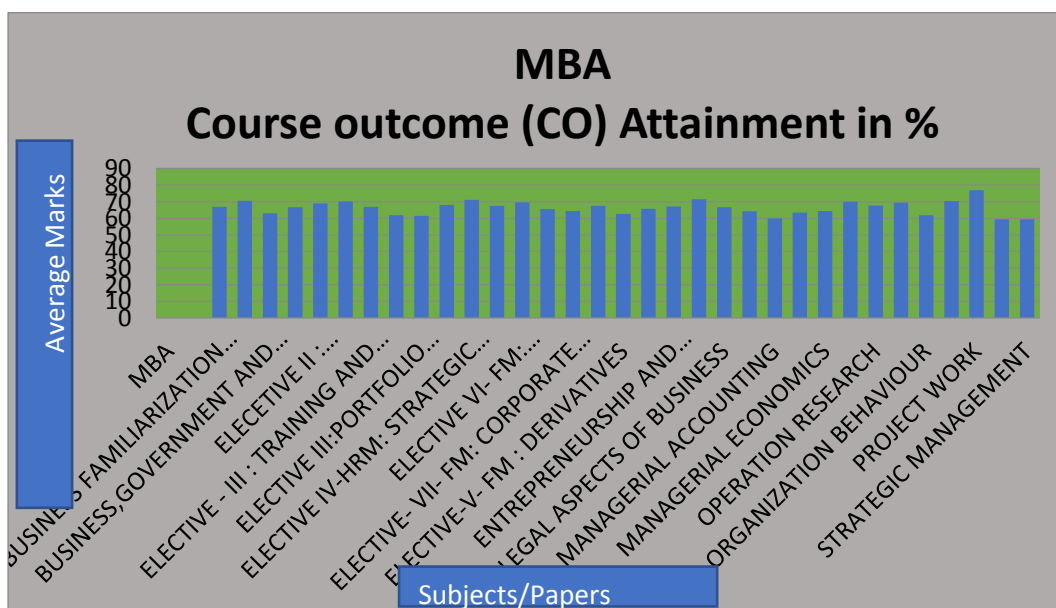


Graph Showing the Course outcome (CO) attainment in % of Molecular Biology (M.Sc. Integrated) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software.



Graph Showing the Course outcome (CO) attainment in % of Botany (PG) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software.

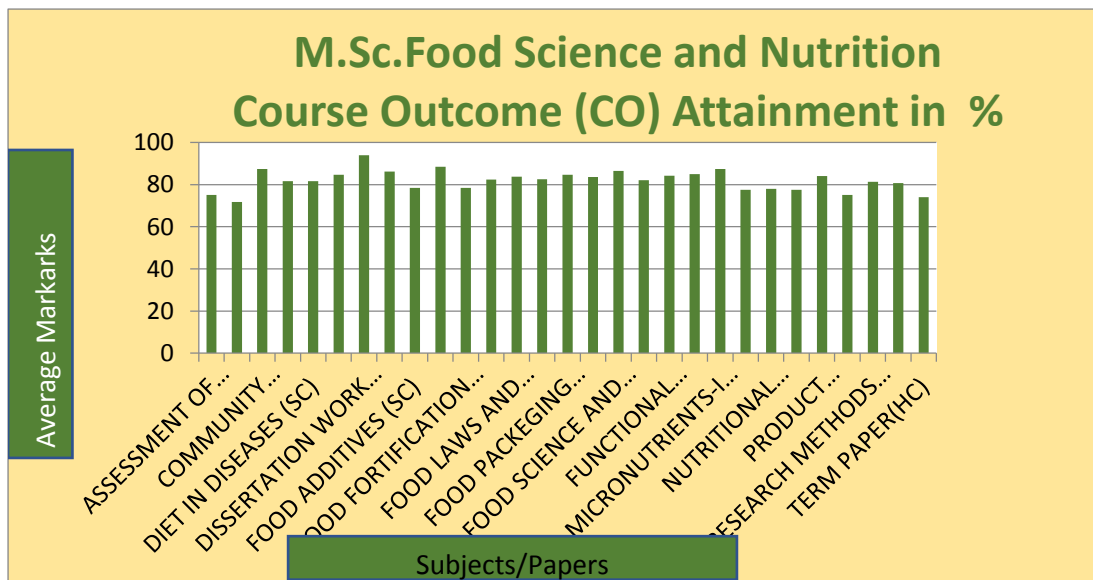
Ddf





Graph Showing the Course outcome (CO) attainment in % of MBA (PG) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software. This course is having AICTE recognition .

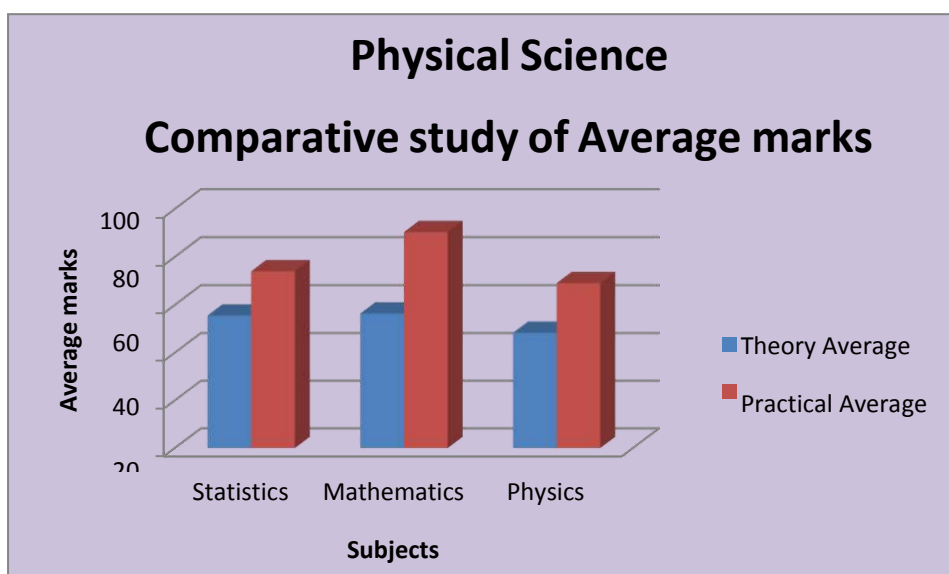
Eetg



Graph Showing the Course outcome (CO) attainment in % of Food Science and Nutrition (PG) for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section using Examination software.

**National Education Policy 2020 : I semester Attainment analysis**

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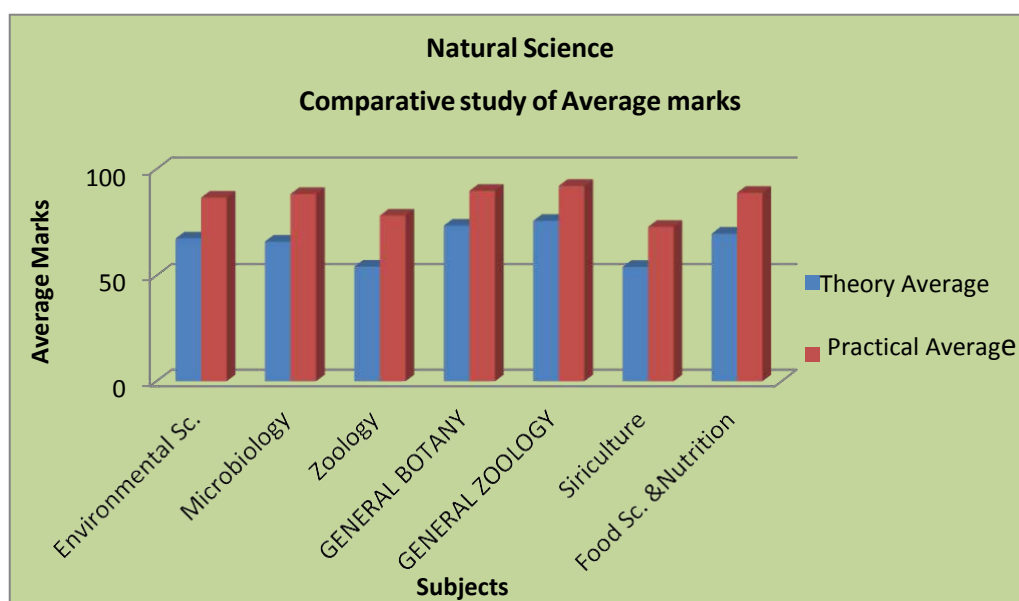


Graph Showing the Course outcome (CO) attainment comparison of theory and practical in % of all Physical sciences of BSc programs of NEP I semester for the year 2021-2022. This statistical analysis

is done based on C1+C2+C3 examination output processed in the Examination section Graph shows clearly the practical based education (experiential learning) is helpful for achieving higher attainment.

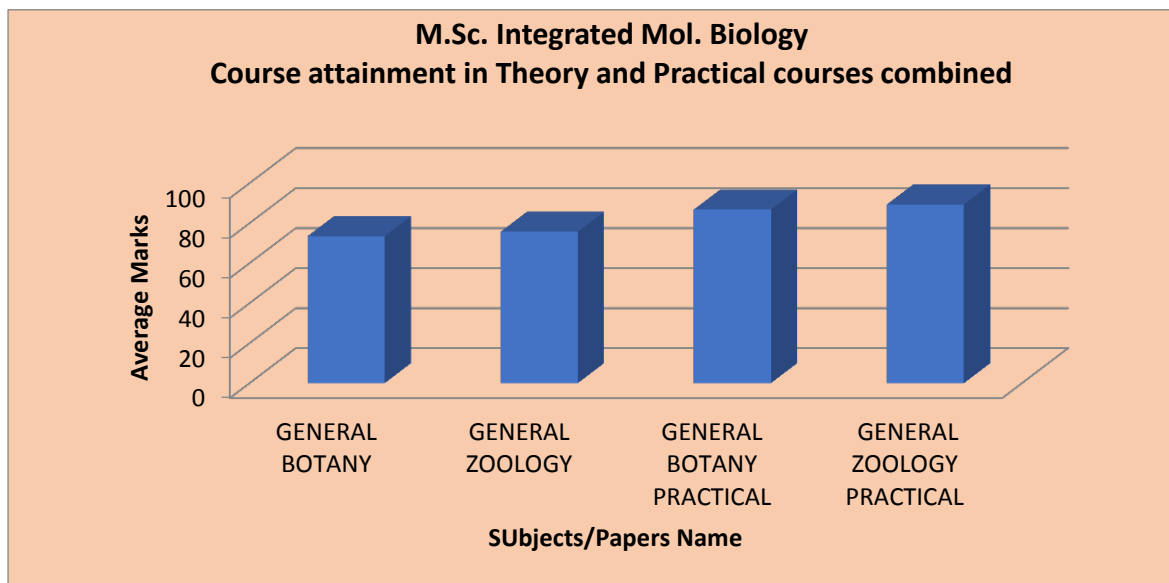
Sddfdfdf

Ssc



Graph Showing the Course outcome (CO) attainment comparison of theory and practical in % of all natural science Program specific subjects of BSc programs of I semester NEP for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section. Graph shows clearly the practical based education (experiential learning) is helpful for achieving higher attainment.

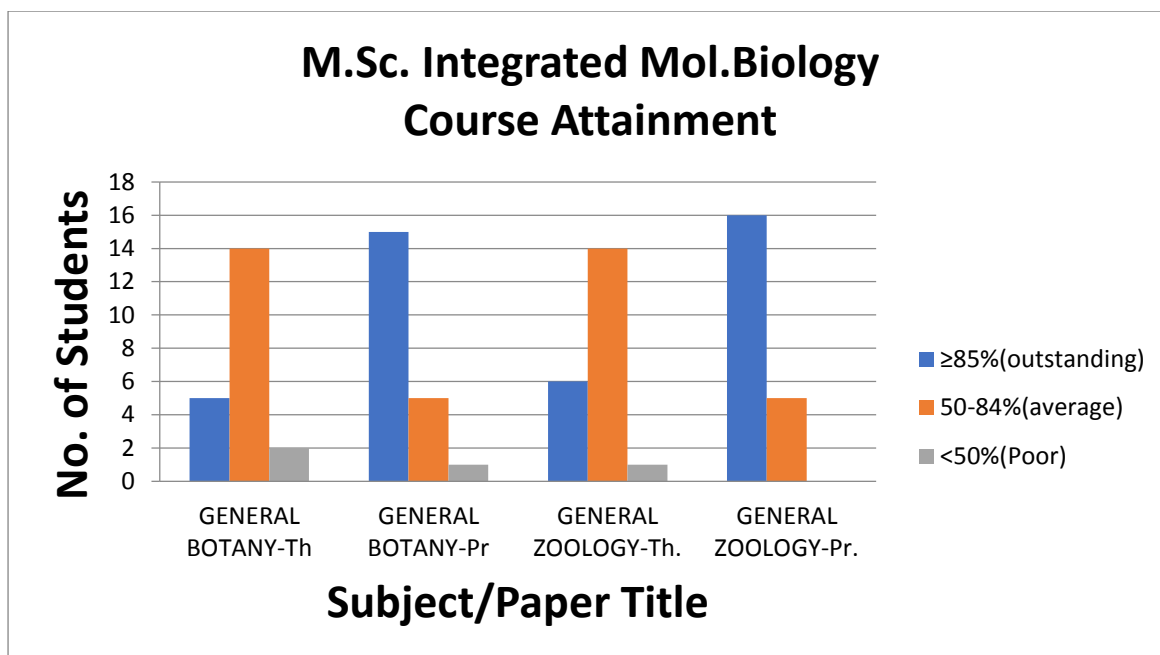
## 1. Program: M.Sc. Integrated Mol. Biology

**M.Sc. Integrated Mol. Biology Subject wise/Paper wise Performance**

Graph Showing the Course outcome (CO) attainment comparison of theory and practical in % of all I semester Courses of Master of Science -Integrated in Molecular Biology of I semester NEP for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section.

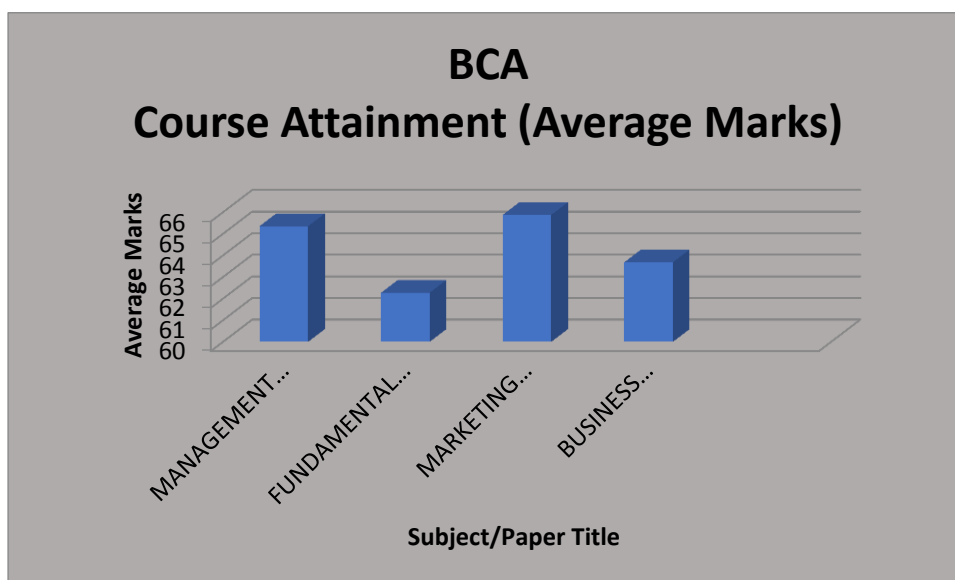
Subject	Exam. Appeared	Number of students scoring			Max. out of Th (100) Pr (50)	Min. out of Th (100) Pr (50)
		<50%(Poor)	50%-84% (Average)	≥85% (Outstanding)		
General Botany Theory	21	02	14	05	98	31
General Zoology Theory		01	14	06	95	33
General Botany Practical		Nil	05	16	49	24
General Zoology Practical		01	05	15	50	33

M.Sc. Integrated Mol. Bio. Performance



Graph Showing the Course outcome (CO) attainment comparison of theory and practical in % of all I semester Courses of Master of Science -Integrated in Molecular Biology of I semester NEP for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section. Graph shows clearly the practical based education (experiential learning) is helpful for achieving higher attainment

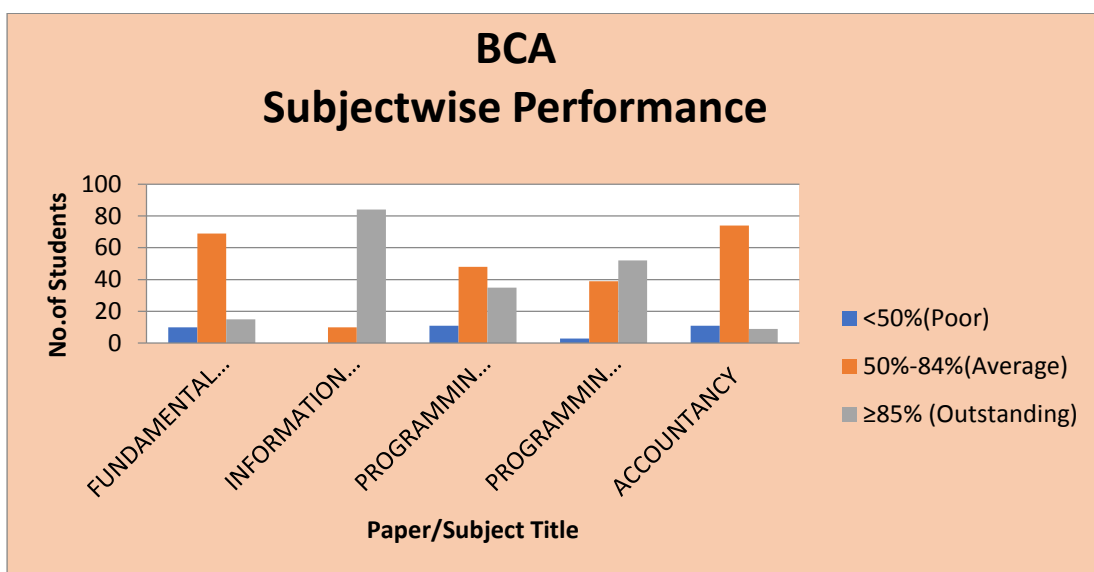
## 2. Program: BCA



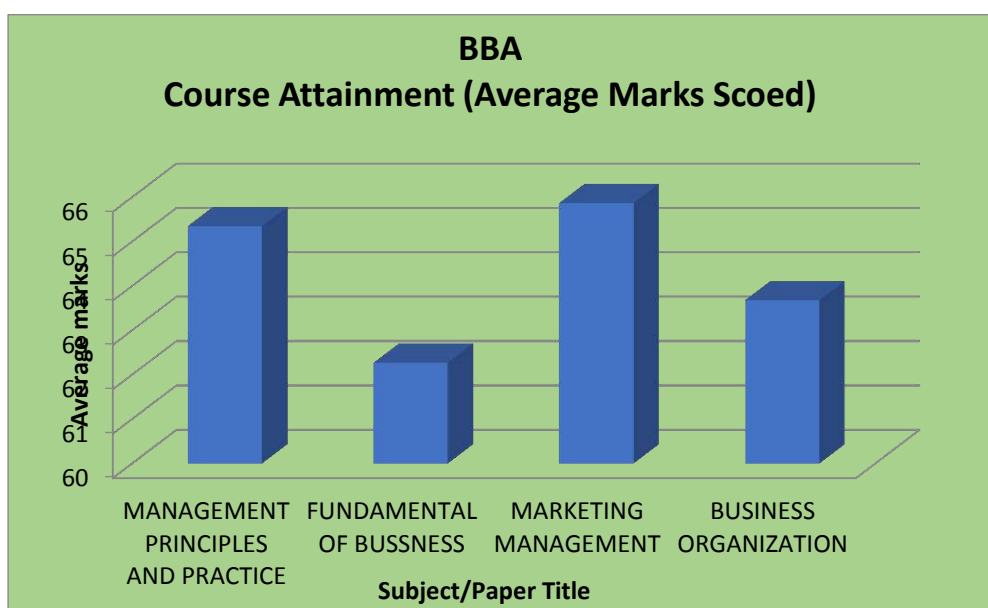
Graph Showing the Course outcome (CO) attainment of all I semester Courses of Bachelor of Computer Application (BCA) of I semester NEP for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section.

### B.C.A. Subject wise/Paper wise Performance

Subject	Exam. Appeared	<50%	50%-84%	85% and above	Max.	Min.
FUNDAMENTALS OF COMPUTERS	94	10	69	15	98	25
INFORMATION TECHNOLOGY		Nil	10	84	50	25
PROGRAMMING IN C		11	48	35	99	20
PROGRAMMING PRACTICAL		03	39	52	50	13
ACCOUNTANCY		11	74	09	95	28



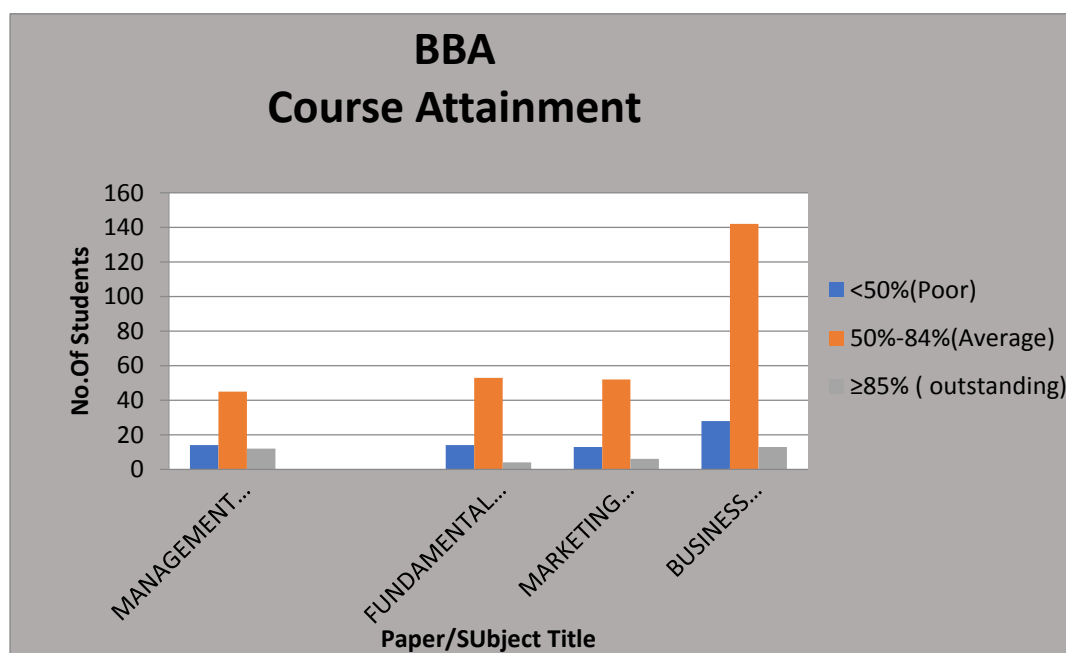
- 3.
- 4.
5. Course: BBA



Graph Showing the Course outcome (CO) attainment of all I semester Courses of Bachelor of Business Administration (BBA) of I semester NEP for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section.

#### BBA Subject wise/Paper wise Performance

Subject	Exam. Appeared	<50%	50%-84%	85% and above	Max.	Min.
<b>MANAGEMENT PRINCIPLES AND PRACTICE</b>	71	14	45	12	96	08
FUNDAMENTAL OF BUSSNESS		14	53	04	87	34
MARKETING MANAGEMENT		13	52	06	90	07
BUSINESS ORGANIZATION	183	28	142	13	91	00



Graph Showing the Course outcome (CO) attainment of all I semester Courses of Bachelor of Business Administration (BBA) of I semester NEP for the year 2021-2022. This statistical analysis is done based on C1+C2+C3 examination output processed in the Examination section.

## How attainment is achieved?

1. Rules and regulations for evaluation of CBCS and NEP are followed.
2. Following the academic calender and departmental calender of events
3. Theory teaching with chalk and Talk combined with ICT enabled tools
4. Mentoring by designated teachers and individual counselling
5. Field visits and Projects
6. Summer internships are encouraged
7. Students encouraged to participate in seminars and conferences
8. Sample transcript and marks card

### I Rules and Regulations framed for attaining the PO, PSO, CO in UG and PG programs

Rules and regulations evolved for attaining the Program, Program Specific and Course outcomes under **CHOICE BASED CREDIT SYSTEM IN UG Program and PG programs.**

NEP regulations to monitor the attainment of PO, PSO and CO is also given.

As case study the attainment of (for the recently concluded academic year 2021-2022) PO PSO, CO is given at the end of this document

SCHEME FOR CHOICE BASED CREDIT SYSTEM IN B.Sc. Program				
Semester	CORE COURSE	Ability Enhancement Compulsory Course	Skill Enhancement Course	Discipline Specific Elective
I	DSC - 1A	AECC - 1A	---	---
	DSC - 2A	AECC - 2A		
	DSC - 3A	AECC - 3A		
II	DSC - 1B	AECC - 1B	---	---
	DSC - 2B	AECC - 2B		
	DSC - 3B	AECC - 4A		
III	DSC - 1C		SEC - 1A	
	DSC - 2C		SEC - 2A	

	DSC – 3C			
IV	DSC – 1 D		SEC – 1B	
	DSC – 2 D		SEC – 2B	
	DSC – 3D		SEC – 3B	
V				DSE - 1A
				DSE – 1B
				DSE – 2A
				DSE - 2B
				DSE – 3A
				DSE – 3B
VI				DSE – 1C
				DSE – 1D
				DSE – 2C
				DSE – 2D
				DSE – 3C
				DSE – 3D
9.0	<b>CHANGE OF STREAM</b>			
	Once chosen, change of stream is not permissible under any circumstances during that or subsequent semesters.			

10.0	<b>IMPLEMENTATION</b>
	<b>10.1</b> A Bachelor’s Degree programme is of 6 semesters – three years duration. A candidate can avail a maximum of 12 semesters – 6 years (in one stretch) to complete Bachelor’s Degree (including blank semesters, if any). Whenever a candidate opts for blank semester(s) DROP in a course or in courses or is compelled to DROP a course or courses as per the provision of the regulation, he/she has to study the prevailing courses offered by the department as per the prevailing scheme, when he/she continues his/her study.
	<b>10.2</b> An undergraduate Programme degree in Science disciplines may be awarded if a student completes 4 Core courses each in three disciplines of choice, 4 Ability Enhancement Compulsory Courses, minimum 4 Skill Enhancement Courses and 4 courses each from a list of Discipline Specific Elective papers based on three disciplines of choice selected above, respectively.
	<b>10.3</b> College may evolve a system / policy about Extracurricular activities/ General



	Interest and Hobby courses/Sports/NCC/NSS/Vocational courses/related courses on its own.
11.0	<b>CONTINUOUS ASSESSMENT, EARNING OF CREDITS AND AWARD OF GRADES:</b> The evaluation of the candidate shall be based on continuous assessment. The structure for evaluation is as follows:
	<b>11.1</b> Assessment and evaluation processes happen in a continuous mode. However, for reporting purposes, a semester is divided into 3 discrete components identified as C <sub>1</sub> , C <sub>2</sub> , and C <sub>3</sub> .
	<b>11.2</b> The performance of a candidate in a course will be assessed for a maximum of 100 marks as explained below:
	<b>11.2.1</b> The first component (C <sub>1</sub> ), of assessment is for 15 marks. This will be based on test, assignment or seminar. During the first half of the semester, the first 50% of the syllabus will be completed. This shall be consolidated during the 8th week of the semester. Beyond 8th week, making changes in C <sub>1</sub> is not permitted.
	<b>11.2.2</b> The second component (C <sub>2</sub> ), of assessment is for 15 marks. This will be based on test, assignment or seminar. The continuous assessment and scores of second half of the semester will be consolidated during the 16th week of the semester. During the second half of the semester the remaining units in the course will be completed.
	<b>11.2.2.1</b> The outline for continuous assessment activities for Component-I (C <sub>1</sub> ) and Component-II (C <sub>2</sub> ) will be proposed by the teacher(s) concerned before the commencement of the semester and will be discussed and decided in the respective Departmental Council. The students should be informed about the modalities well in advance. The evaluated courses/assignments during component I (C <sub>1</sub> ) and component II (C <sub>2</sub> ) of assessment are immediately returned to the candidates after obtaining acknowledgement in the register maintained by the teacher concerned for this purpose.
	<b>11.2.3</b> During the 18th -20th week of the semester, a semester-end examination of 3 hours duration shall be conducted for each course. This forms the third/final component of assessment (C <sub>3</sub> ) and the maximum marks for the final component will be 70.

	<b>SETTING QUESTIONS PAPERS AND EVALUATION OF ANSWER SCRIPTS FOR C<sub>3</sub> COMPONENT</b>
	<b>I.</b> Questions papers in two sets shall be set by the internal as well as external examiners for a course.
	<b>II.</b> The Board of Examiners shall scrutinize and approve the question papers and scheme of valuation
	<b>III. (i)</b> There shall be single valuation for all theory papers by either internal or external examiners.
	<b>(ii)</b> The examination for Practical work/ Field work/Project work will be conducted jointly by two examiners. Out of two examiners one shall be an external examiner.
	<b>(iii)</b> If a course is fully of (L=0):T(P=0) type, then the examination for C <sub>3</sub> Component will be as decided by the BOS concerned.

	<p><b>IV.</b> Challenge valuation: A student who desires to apply for challenge valuation shall obtain a photocopy of the answer script by paying the prescribed fee within 8 days after the announcement of the results. He / She can challenge the grade awarded to him/her by surrendering the grade card and by submitting an application along with the prescribed fee to the Controller of Examinations within 12 days after the announcement of the results. This challenge valuation is only for C<sub>3</sub> component. The answer scripts for which challenge valuation is sought for shall be sent to another examiner. In the event of Challenge valuation, the marks scored in the Challenge Valuation will be <b>final</b>.</p>																
	<p><b>11.2.4</b> In case of a course with only practical component a practical examination will be conducted with two examiners (ref: 12.2.3 III (ii)). A candidate will be assessed on the basis of a) knowledge of relevant processes b) Skills and operations involved c) Results / products including calculation and reporting. If external examiner does not turn up then both the examiners could be internal examiners. The duration for semester-end practical examination shall be decided by the departmental council.</p>																
	<p><b>11.2.5</b> If <b>X</b> is the marks scored by the candidate out of 70 in C<sub>3</sub> in theory examination, if <b>Y</b> is the marks scored by the candidate out of 70 in C<sub>3</sub> in Practical examination, and if <b>Z</b> is the marks scored by the candidate out of 70 in C<sub>3</sub> for a course of (L=0):T:(P=0) type that is entirely tutorial based course, then the final marks M in C<sub>3</sub> is decided as per the following table.</p> <table border="1" data-bbox="488 1003 1235 1352"> <thead> <tr> <th>L.T.P distribution</th> <th>Find mark M in C<sub>3</sub></th> </tr> </thead> <tbody> <tr> <td>L:T:P</td> <td><math>\frac{[(L+T) \times X] + [(T+P) \times Y]}{L+2T+P}</math></td> </tr> <tr> <td>L:(T=0):P</td> <td><math>\frac{(L \times X) + (P \times Y)}{L+P}</math></td> </tr> <tr> <td>L:T:(P=0)</td> <td>X</td> </tr> <tr> <td>L:(T=0):(P=0)</td> <td>X</td> </tr> <tr> <td>(L=0):T:P</td> <td>Y</td> </tr> <tr> <td>(L=0):(T=0):P</td> <td>Y</td> </tr> <tr> <td>(L=0):T:(P=0)</td> <td>Z</td> </tr> </tbody> </table>	L.T.P distribution	Find mark M in C <sub>3</sub>	L:T:P	$\frac{[(L+T) \times X] + [(T+P) \times Y]}{L+2T+P}$	L:(T=0):P	$\frac{(L \times X) + (P \times Y)}{L+P}$	L:T:(P=0)	X	L:(T=0):(P=0)	X	(L=0):T:P	Y	(L=0):(T=0):P	Y	(L=0):T:(P=0)	Z
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(L=0):T:P	Y																
(L=0):(T=0):P	Y																
(L=0):T:(P=0)	Z																

	<p><b>11.2.6</b> The details of continuous assessment are summarized in the following Table.</p>																		
	<table border="1"> <thead> <tr> <th>Component</th> <th>Syllabus in a course</th> <th>Weightage</th> <th>Period of Continuous assessment</th> </tr> </thead> <tbody> <tr> <td>C<sub>1</sub></td> <td>First 50% (2 units of total units)</td> <td>15%</td> <td>First half of the semester. To be consolidated by 8th week</td> </tr> <tr> <td>C<sub>2</sub></td> <td>Remaining 50% (Remaining units of the course)</td> <td>15%</td> <td>Second half of the semester. To be consolidated by 16th week</td> </tr> <tr> <td>C<sub>3</sub></td> <td>Semester-end examination (All units of the course)</td> <td>70%</td> <td>To be completed during 18th-20th Week</td> </tr> </tbody> </table>	Component	Syllabus in a course	Weightage	Period of Continuous assessment	C <sub>1</sub>	First 50% (2 units of total units)	15%	First half of the semester. To be consolidated by 8th week	C <sub>2</sub>	Remaining 50% (Remaining units of the course)	15%	Second half of the semester. To be consolidated by 16th week	C <sub>3</sub>	Semester-end examination (All units of the course)	70%	To be completed during 18th-20th Week		
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	<b>Final grades to be announced latest by 24th week</b>
	<b>11.2.7</b> A candidate's performance from all 3 components will be in terms of scores, and the sum of all three scores will be for a maximum of 100 marks (15 + 15 + 70).
	<b>11.2.8</b> Finally, awarding the grades should be completed latest by 24th week of the semester.
	<p><b>11.3 Minor/ Major Project Evaluation</b></p> <p>Right from the initial stage of defining the problem, the candidate has to submit the progress reports periodically and also present his/her progress in the form of seminars in addition to the regular discussion with the guide. Components of evaluation are as follows:</p> <p>Component – I (C<sub>1</sub>): Periodic Progress and Progress Reports (15%)</p> <p>Component – II (C<sub>2</sub>): Results of Work and Draft Report (15%)</p> <p>Component– III (C<sub>3</sub>): Final Viva-voce and evaluation (70%). The report evaluation is for 40% and the Viva-voce examination is for 30%</p>
	<p><b>11.4</b> In case a candidate's class attendance in a course is less than 75% or as stipulated by the college, the candidate is said to have DROPPED that course, and such a candidate is not allowed to appear for C<sub>3</sub> in that course. Teachers offering the courses will place the above details in the Department Council meeting during the last week of the semester, before the commencement of C<sub>3</sub>, and subsequently a notification pertaining to the above will be brought out by the Chairman of the Department before the commencement of C<sub>3</sub> examination. A copy of this notification shall also be sent to the Controller of Examinations.</p>
	<p><b>11.5</b> The candidate secured minimum 30% in C<sub>3</sub> and overall [C<sub>1</sub>+C<sub>2</sub>+C<sub>3</sub>] 40% marks for successful in each course. In case a candidate secures less than 30% in C<sub>3</sub>, he/she may choose DROP/MAKEUP option. In case a candidate secures more than or equal to 30% in C<sub>3</sub>, but his/her grade (G) = 4, as per section 11.9 below, then he/she may be declared to have been conditionally successful in this course, provided that such a benefit of conditional clearance based on G=4 shall not be availed for more than 12 credits for the entire programme of Bachelor's Degree for three years. If a candidate is eligible for more than one course, the course which has highest marks in C<sub>3</sub> will be considered. If the marks are equal, the following order shall be considered.</p> <ol style="list-style-type: none"> <li>a) DSC</li> <li>b) DSE</li> <li>c) AECC</li> <li>d) SEC</li> <li>e) GE</li> </ol> <p>A student shall not utilize this benefit along with the grace marks as mentioned in Sec. 11.12 and 11.13.</p> <p>In case a candidate secures less than 30% in C<sub>3</sub>, he/she may choose DROP/MAKE-UP option. The candidate has to exercise his/her option to DROP immediately within 8 days from the date of notification of results. A MAKE UP examination for odd semester courses will be conducted along with the next regular odd semester examinations and for even semester courses along with the next regular even semester examinations. If a candidate is still unsuccessful, he/she may opt for DROP or again take up MAKE UP examination; however, not exceeding double the duration norm in one stretch from the date of joining the course.</p>
	<p><b>11.6</b> A candidate has to re-register for the DROPPED course when the course is offered again by the department if it is a core/elective course. The candidate may choose the same or an alternate core/elective in case the dropped course is core / elective course. A candidate who is said to have DROPPED project work has to re-register for the</p>

	same subsequently within the stipulated period. <b>The details of any dropped course will not appear in the grade card.</b>																																				
	<b>11.7</b> The tentative / provisional grade card will be issued by the Controller of Examinations at the end of every semester indicating the courses completed successfully or not completed along with marks scored. This statement will not contain the list of DROPPED courses.																																				
	<b>11.8</b> Upon successful completion of Bachelors degree a final grade card consisting of grades of all courses successfully completed by the candidate will be issued by the Controller of Examinations.																																				
	<p><b>11.9</b> The grade and the grade point earned by the candidate in the subject will be as given below.</p> <table border="1" data-bbox="523 616 1209 1149"> <thead> <tr> <th>Percentage Marks (P) %</th> <th>Grade Point (GP)</th> <th>Credit Point (CP) (CP=V x GP)</th> </tr> </thead> <tbody> <tr> <td>30-39</td> <td>4</td> <td>Vx4</td> </tr> <tr> <td>40-49</td> <td>5</td> <td>Vx5</td> </tr> <tr> <td>50-59</td> <td>6</td> <td>Vx6</td> </tr> <tr> <td>60-64</td> <td>6.5</td> <td>Vx6.5</td> </tr> <tr> <td>65-69</td> <td>7</td> <td>Vx7</td> </tr> <tr> <td>70-74</td> <td>7.5</td> <td>Vx7.5</td> </tr> <tr> <td>75-79</td> <td>8</td> <td>Vx8</td> </tr> <tr> <td>80-84</td> <td>8.5</td> <td>Vx8.5</td> </tr> <tr> <td>85-89</td> <td>9</td> <td>Vx9</td> </tr> <tr> <td>90-94</td> <td>9.5</td> <td>Vx9.5</td> </tr> <tr> <td>95-100</td> <td>10</td> <td>Vx10</td> </tr> </tbody> </table> <p>Here, <b>P is Percentage of marks</b> : <math>P = [(C_1 + C_2) + M]</math> secured by a candidate in a course (rounded off to the nearest integer), <b>V is the credit value of course</b>, <b>GP is the Grade Point</b> <b>CP is the Credit Point: CP = V x GP</b></p>	Percentage Marks (P) %	Grade Point (GP)	Credit Point (CP) (CP=V x GP)	30-39	4	Vx4	40-49	5	Vx5	50-59	6	Vx6	60-64	6.5	Vx6.5	65-69	7	Vx7	70-74	7.5	Vx7.5	75-79	8	Vx8	80-84	8.5	Vx8.5	85-89	9	Vx9	90-94	9.5	Vx9.5	95-100	10	Vx10
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	<b>11.10</b> A candidate can withdraw any course within ten days from the date of notification of final results. Whenever a candidate withdraws a paper, he/she has to register for the same course in case it is core course/Ability Enhancement Compulsory course, the same course or an alternate course if it is Discipline Specific Elective/Skill Enhancement course. A DROPPED course is automatically considered as a course withdrawn.																																				
	<p><b>11.11</b> Overall cumulative grade point average (CGPA) of a candidate after successful completion the required number of credits (152) is given by <b>CGPA = <math>\Sigma CP</math> / Total number of credits.</b> In addition, discipline subjectwise CGPA is also given in Final Semester as mentioned in Annexure Table-3.</p> <p><b>11.12</b> Grace Marks shall be awarded to a Paper [Theory/Practical/Viva-Voce/Head of Passing (Aggregate)] to a maximum of 2% per course, if, after gracing, the candidate gets minimum prescribed marks in the Theory/Practical/Viva-Voce to get Pass grade in the course. The added grace marks to any course(s) should be carried by the other course(s) from which he/she secures higher than the minimum marks for Pass grade. The maximum grace marks permissible in a C3 examination shall not exceed 6 marks. This is only applicable for C3 component minimum marks.</p> <p><b>11.13</b> A candidate shall be eligible to a maximum of 4% (Aggregate) grace marks in a course, provided the candidate.</p>																																				

	<p>a) Appears for the entire examination (all courses);</p> <p>b) He/She has not secured the required minimum for pass in only one course [Theory/Practical/Viva-Voce/Head of Passing (Aggregate)] of the examination.</p> <p>c) Passes the whole examination by such gracing; and</p> <p>d) Gets the minimum prescribed marks in the Theory/Practical/Viva-Voce and Head of Passing (Aggregate) to get grade Pass by such gracing.</p>
12.0	<b>BOARDS OF STUDIES, COURSES &amp; SYLLABI:</b>
	<b>12.1</b> The Academic Council on the recommendation of the concerned Boards of Studies shall prescribe the various syllabi, course content and structure.
	<b>12.2</b> The syllabus of each course shall be prepared module-wise and includes the Course Code, course title, objectives, module-wise content, credits assigned, prescribed instructional hours, scheme of examination and model question paper.

13.0	<b>CLASSIFICATION OF RESULTS</b>																							
	<p><b>13.1 Semester Grade Point Average (SGPA):</b> It is a measure of performance of work done in a semester. It is ratio of total credit points secured by a student in various courses registered in a semester and the total course credits earned during that semester. It shall be expressed up to two decimal places.</p> <p>The following illustrations could be taken as an example for computing SGPA and from credits for degree program courses.</p> <p><b>Grade Points and Credit Points</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>SGPA</th> <th>Letter Grade</th> <th>Grade Point (GP)</th> </tr> </thead> <tbody> <tr> <td rowspan="6" style="text-align: center;"> <math display="block">SGPA = \frac{\text{Total credit points}}{\text{Total Credits}}</math> </td> <td>O (Outstanding)</td> <td style="text-align: center;"><b>10</b></td> </tr> <tr> <td>A+ (Excellent)</td> <td style="text-align: center;"><b>9</b></td> </tr> <tr> <td>A (Very Good)</td> <td style="text-align: center;"><b>8</b></td> </tr> <tr> <td>B+ (Good)</td> <td style="text-align: center;"><b>7</b></td> </tr> <tr> <td>B (Above Average)</td> <td style="text-align: center;"><b>6</b></td> </tr> <tr> <td>C (Average)</td> <td style="text-align: center;"><b>5</b></td> </tr> </tbody> </table>	SGPA	Letter Grade	Grade Point (GP)	$SGPA = \frac{\text{Total credit points}}{\text{Total Credits}}$	O (Outstanding)	<b>10</b>	A+ (Excellent)	<b>9</b>	A (Very Good)	<b>8</b>	B+ (Good)	<b>7</b>	B (Above Average)	<b>6</b>	C (Average)	<b>5</b>							
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	<p><b>13.2 The Final Grade Point (FGP)</b> to be awarded to the students is based on <b>CGPA</b> secured by the candidate and is given as follows.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">CGPA</th> <th colspan="2">FGP</th> </tr> <tr> <th>Numerical Index</th> <th>Qualitative Index</th> </tr> </thead> <tbody> <tr> <td><math>4 \leq CGPA &lt; 5</math></td> <td style="text-align: center;">5</td> <td style="text-align: center;">PASS CLASS</td> </tr> <tr> <td><math>5 \leq CGPA &lt; 6</math></td> <td style="text-align: center;">6</td> <td style="text-align: center;">SECOND CLASS</td> </tr> <tr> <td><math>6 \leq CGPA &lt; 7</math></td> <td style="text-align: center;">7</td> <td style="text-align: center;">FIRST CLASS</td> </tr> <tr> <td><math>7 \leq CGPA &lt; 8</math></td> <td style="text-align: center;">8</td> <td style="text-align: center;">FIRST CLASS</td> </tr> <tr> <td><math>8 \leq CGPA &lt; 9</math></td> <td style="text-align: center;">9</td> <td style="text-align: center;">DISTINCTION</td> </tr> <tr> <td><math>9 \leq CGPA \leq 10</math></td> <td style="text-align: center;">10</td> <td style="text-align: center;">DISTINCTION</td> </tr> </tbody> </table> <p>Overall percentage=10*CGPA or is said to be 50% in case CGPA&lt;5</p>	CGPA	FGP		Numerical Index	Qualitative Index	$4 \leq CGPA < 5$	5	PASS CLASS	$5 \leq CGPA < 6$	6	SECOND CLASS	$6 \leq CGPA < 7$	7	FIRST CLASS	$7 \leq CGPA < 8$	8	FIRST CLASS	$8 \leq CGPA < 9$	9	DISTINCTION	$9 \leq CGPA \leq 10$	10	DISTINCTION
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14.0	<b>ADMISSION</b>
	<b>14.1</b> Admission to all programmes shall be as per the existing rules and regulations of the college.
	<b>14.2</b> Eligibility criteria for admission shall be as announced by the college from time to time
	<b>14.3</b> Students shall be admitted to a particular programme based on the marks/grades scored in the qualifying examination
	<b>14.4</b> The maximum number of students to be admitted to a programme shall be determined by the Governing Body from time to time.
	<b>14.5</b> The constituent institution shall make available to all students a brochure listing all the courses offered by it. The information so provided shall contain the title of the Course, the Semester in which it is offered, credits for the Course, prerequisites if any, the name of the Faculty etc. Detailed syllabi shall be made available in the College websites.
	<b>14.6</b> The College shall prepare a common calendar for the conduct of the courses, indicating the schedule of courses, continuous and end-semester examinations and publication of results. The college shall ensure that the calendar is strictly followed.

15.0	<b>ATTENDANCE AND CHANGE OF SUBJECTS</b>
	<b>15.1</b> A candidate shall be considered to have satisfied the requirement of attendance for a semester if he/she attends not less than 75% of the number of classes actually held up to the end of the semester in each of the subjects. There shall be no minimum attendance requirement for the Co-curricular and extension activities
	<b>15.2</b> An option to change a language/subject may be exercised only once within four weeks from the date of commencement of the I Semester.
	<b>15.3</b> Whenever a change in a subject is permitted the attendance in the changed subject shall be calculated by taking into consideration the attendance in the previous subject studied.
	<b>15.4</b> If a candidate represents his/her institution / University/ Karnataka State/ Nation in Sports / NCC / NSS / Cultural or any officially sponsored activities he/she may be permitted to claim attendance for actual number of days participated, based on the recommendation of the Head of the Institution concerned. If a candidate is selected to participate in national level events such as Republic Day Parade etc., he/she may be permitted to claim attendance for actual number of days participated based on the recommendation of the head of the Institution concerned.
16.0	<b>PROVISION FOR APPEAL</b>
	<p>If a candidate is not satisfied with the evaluation of C<sub>1</sub> and C<sub>2</sub> components, he/she can approach the grievance cell with written submission together with all facts, the assignments, test papers etc, which are evaluated. He/she can do so before the commencement of semester-end examination. The grievance cell is empowered to revise the marks if the case is genuine and is also empowered to levy penalty as prescribed by the college on the candidate if his/her submission is found to be baseless and unduly motivated. This cell may recommend taking disciplinary/corrective action on an evaluator if he/she is found guilty. The decision taken by the grievance cell is final.</p> <p>For every programme there will be one grievance cell. The composition of the grievance cell is as follows.</p> <ol style="list-style-type: none"> <li>1. The Principal - Chairperson</li> <li>2. The Controller of Examinations – Convenor</li> <li>3. The Administrative Officer - Member</li> <li>4. One senior faculty member (other than those concerned with the evaluation of the course concerned) drawn from the department/discipline and/or from the sister</li> </ol>

	<p>departments/sister disciplines.</p> <p>5. One senior faculty member/subject expert drawn from outside the college department.</p>
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17.0	<b>POWER TO REMOVE DIFFICULTIES</b>
	If any difficulty arises in giving effect to the provisions of these regulations, the Vice-chancellor, Chairperson, Governing Body may by order make such provisions not inconsistent with the Act, Statutes, Ordinances or other Regulations, as appears to be necessary or expedient to remove the difficulty. Every order made under this rule shall be subject to ratification by the Appropriate Authorities.
18.0	<b>REPEAL</b>
	The Regulations now in force in so far as they are applicable to programmes offered by the college and to the student admitted in the Academic year 2016-17 and to the extent they are inconsistent with CBCS regulations are hereby repealed. In the case of any inconsistency between the existing regulations and these regulations relating to the Choice-based Credit Semester System and Grading in their application to any course offered in a college, the latter shall prevail.



Table – 1

## Details of the number of courses and credits per course in different UG Programmes

Sl. No.	Study Components	Number of Courses	Credits per course	Total Credits	Total Weekly hours
1.	MIL (AECC & SEC)	4	4	16	16
2.	English (AECC & SEC)	4	4	16	16
3.	Core (DSC)	12	4.5	54	72
4.	Elective (DSE)	12	4.5	54	72
5.	Environmental Studies (AECC)	1	4	4	4
6.	Indian Constitution (AECC)	1	4	4	4
7	Computer Applications/Course from Generic discipline (SEC)	1	4	4	4
		35		152	188

## UG Programmes – Course Structure under CBCS

Semester	Course	Instru. Hours/ Week	Credit	Exam Hours	Marks		Total
					Int. C <sub>1</sub> +C <sub>2</sub>	Ext.	
I	MIL (AECC - 1A)	4	4	3	30	70	100
	English (AECC – 2A)	4	4	3	30	70	100
	Core Course – 1 (DSC-1A) Theory	3	3	3	30	70	100
	Core Course – 1 (DSC-1A) Practical	3	1.5	3	30	70	100
	Core Course -2 (DSC-2A) Theory	3	3	3	30	70	100
	Core Course -2 (DSC-2A) Practical	3	1.5	3	30	70	100
	Core Course-3 (DSC-3A) Theory	3	3	3	30	70	100
	Core Course-3 (DSC-3A) Practical	3	1.5	3	30	70	100
	Environmental Studies (AECC-3A)	4	4	3	30	70	100
II	MIL (AECC - 1B)	4	4	3	30	70	100
	English (AECC – 2B)	4	4	3	30	70	100



	Core Course – 1 (DSC-1B) Theory	3	3	3	30	70	100
	Core Course – 1 (DSC-1B) Practical	3	1.5	3	30	70	100
	Core Course -2 (DSC-2B) Theory	3	3	3	30	70	100
	Core Course -2 (DSC-2B) Practical	3	1.5	3	30	70	100
	Core Course-3 (DSC-3B) Theory	3	3	3	30	70	100
	Core Course-3 (DSC-3B) Practical	3	1.5	3	30	70	100
	Indian Constitution (AECC-3B)	4	4	3	30	70	100
<b>III</b>	MIL (SEC - 1A)	4	4	3	30	70	100
	English (SEC – 2A)	4	4	3	30	70	100
	Core Course – 1 (DSC-1C) Theory	3	3	3	30	70	100
	Core Course – 1 (DSC-1C) Practical	3	1.5	3	30	70	100
	Core Course -2 (DSC-2C) Theory	3	3	3	30	70	100
	Core Course -2 (DSC-2C) Practical	3	1.5	3	30	70	100
	Core Course-3 (DSC-3C) Theory	3	3	3	30	70	100
	Core Course-3 (DSC-3C) Practical	3	1.5	3	30	70	100
<b>IV</b>	MIL (SEC - 1B)	4	4	3	30	70	100
	English (SEC – 2B)	4	4	3	30	70	100
	Core Course – 1 (DSC-1D) Theory	3	3	3	30	70	100
	Core Course – 1 (DSC-1D) Practical	3	1.5	3	30	70	100
	Core Course -2 (DSC-2D) Theory	3	3	3	30	70	100
	Core Course -2 (DSC-2D) Practical	3	1.5	3	30	70	100
	Core Course-3 (DSC-3D) Theory	3	3	3	30	70	100
	Core Course-3 (DSC-3D) Practical	3	1.5	3	30	70	100
	Computer Applications/Course from Generic Discipline (SEC-3A)	4	4	3	30	70	100

Semester	Course	Instru. Hours/ Week	Credit	Exam Hours	Marks		Total
					Int.	Ext.	
<b>V</b>	Elective Course (DSE-1A) Theory	3	3	3	30	70	100
	Elective Course (DSE-1B) Theory	3	3	3	30	70	100
	Elective Course (DSE-1A) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-1B) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-2A) Theory	3	3	3	30	70	100
	Elective Course (DSE-2B) Theory	3	3	3	30	70	100
	Elective Course (DSE-2A) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-2B) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-3A) Theory	3	3	3	30	70	100

	Elective Course (DSE-3B) Theory	3	3	3	30	70	100
	Elective Course (DSE-3A) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-3B) Practical	3	1.5	3	30	70	100
VI	Elective Course (DSE-1C) Theory	3	3	3	30	70	100
	Elective Course (DSE-1D) Theory	3	3	3	30	70	100
	Elective Course (DSE-1C) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-1D) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-2C) Theory	3	3	3	30	70	100
	Elective Course (DSE-2D) Theory	3	3	3	30	70	100
	Elective Course (DSE-2C) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-2D) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-3C) Theory	3	3	3	30	70	100
	Elective Course (DSE-3D) Theory	3	3	3	30	70	100
	Elective Course (DSE-3C) Practical	3	1.5	3	30	70	100
	Elective Course (DSE-3D) Practical	3	1.5	3	30	70	100
			<b>152</b>				

### Post Graduate CBCS and CAGP Regulations – 2016-17

#### 1. Title and Commencement

These Regulations shall be called the Yuvaraja's College, (Autonomous) Regulations for Choice Based Credit System (CBCS) and Continuous Assessment Grading Pattern (CAGP) for Postgraduate Degree Programmes. These Regulations shall come into force from the academic year 2016- 2017.

#### 2. Programs offered

- (1) **M.A.** : English,
- (2) **M.Sc.:** Botany, Chemistry, Mathematics, Physics, Food Science & Nutrition, Sericulture

#### 3. Definitions

**Course** Every course offered will have three components associated with the teaching-learning process of the course, namely (i) Lecture – L (ii) Tutorial- T (iii) Practicals - P, where

**L** stands Lecture session. **T** stands Tutorial session comprising participatory discussion / self study/ desk work/ brief seminar presentations by students and such other novel methods that help a student to absorb and assimilate effectively the contents delivered in the Lecture classes.

**P** stands Practice session and it consists of Hands on experience / Laboratory Experiments / Field Studies / Case studies that equip students to acquire the much required skill component.

In terms of credits, every one hour session of L amounts to 1 credit per semester and a minimum of two hour session of T or P amounts to 1 credit per semester, over a period of one semester of 16 weeks for teaching-learning process. The total duration of a semester is 20 weeks inclusive of semester-end examination.

A course shall have either or all the three components. That means a course may have only lecture component, or only practical component or combination of any two or all the three components.

The total credits earned by a student at the end of the semester upon successfully completing the course are L + T + P. The credit pattern of the course is indicated as L: T: P.

If a course is of 4 credits then the different credit distribution patterns in L : T : P format could be

4 : 0 : 0,      1 : 2 : 1,      1 : 1 : 2,      1 : 0 : 3,      1 : 3 : 0,  
 2 : 1 : 1,      2 : 2 : 0,      2 : 0 : 2,      3 : 1 : 0,      3 : 0 : 1,  
 0 : 2 : 2,      0 : 4 : 0,      0 : 0 : 4,      0 : 1 : 3,      0 : 3 : 1,

*The concerned BoS will choose the convenient credit pattern for every course based on the requirement. However, generally, a course shall be of 3 or 4 credits.*

5.2 A candidate has to earn a minimum of 76 credits, for successful completion of a Master's Degree with a distribution of credits for different courses as given in the following table.

Course Type	Credits
Hard Core	A minimum of 42, but not exceeding 52
Soft Core	A minimum of 16
Open Elective	A minimum of 04

Every course including project work, practical work, field work, seminar, self-study elective should be entitled as hard core or soft core or open elective by the BoS concerned.

5.3 A candidate can enroll for a maximum of 24 credits per semester.

5.4 Only such candidates who register for a minimum of 18 credits per semester in the first two semesters and complete successfully 76 credits in 4 successive semesters shall be considered for declaration of ranks, medals and are eligible to apply for student fellowship, scholarship, free ships and hostel facilities.

5.5 In excess to the minimum of 76 credits for masters degree in the discipline concerned / subject of study, a candidate can opt to complete a minimum of 18 extra credits to acquire **add on proficiency diploma** in that particular discipline / subject along with the masters' degree. In such of the cases wherein, a candidate opts to earn at least 4 extra credits in a different discipline / subject in addition to a minimum of 76 credits at master's level as said above then an **add on proficiency certification** will be issued to the candidate by listing the courses studied and grades earned.

5.6 A candidate admitted to Master's programme can exercise an option to exit with Bachelor Honors Degree/PG Diploma after earning 40 credits successfully.

## 6.0 Continuous Assessment, Earning of Credits and Award of Grades

The evaluation of the candidate shall be based on continuous assessment. The structure for evaluation is as follows:

- 6.1 Assessment and evaluation processes happen in a continuous mode. However, for reporting purposes, a semester is divided into 3 discrete components identified as C<sub>1</sub>, C<sub>2</sub>, and C<sub>3</sub>.
- 6.2 The performance of a candidate in a course will be assessed for a maximum of 100 marks as explained below.
- 6.2.1 The first component (C<sub>1</sub>), of assessment is for 15 marks. This will be based on test, assignment and seminar. During the first half of the semester, the first 50% of the syllabus will be completed. This shall be consolidated during the 8th week of the semester. Beyond 8th week, making changes in C<sub>1</sub> is not permitted.
- 6.2.2 The second component (C<sub>2</sub>), of assessment is for 15 marks. This will be based on test/assignment/seminar. The continuous assessment and scores of second half of the semester will be consolidated during the 16th week of the semester. During the second half of the semester the remaining units in the course will be completed.
- 6.2.2.1 The outline for continuous assessment activities for Component-I (C<sub>1</sub>) and Component-II (C<sub>2</sub>) will be proposed by the teacher(s) concerned before the commencement of the semester and will be discussed and decided by the respective Departmental Council. The students should be informed about the modalities well in advance. The evaluated courses/assignments during component I (C<sub>1</sub>) and component II (C<sub>2</sub>) of assessment are immediately returned to the candidates after obtaining acknowledgement in the register maintained by the teacher concerned for this purpose.
- 6.2.3 During the 18th -20th week of the semester, a semester-end examination of 3 hours duration shall be conducted for each course. This forms the third/final component of assessment (C<sub>3</sub>) and the maximum marks for the final component will be 70.

### **Setting question papers and evaluation of answer scripts.**

- I. Questions papers in two sets shall be set by the internal and external examiner for a course.
- II. The Board of Examiners shall scrutinize and approve the question papers and scheme of valuation.
- III. (i) There shall be single valuation for all theory papers and at least 50% of papers shall be valued by external examiners.  
 (ii) The examination for Practical work/ Field work/Project work will be conducted jointly by one internal and one external examiner.  
 (iii) If a course is fully of (L=0):T(P=0) type, then the examination for C<sub>3</sub> Component will be as decided by the BOS concerned.

### **IV. Challenge valuation:**

A student who desires to apply for challenge valuation shall obtain a photocopy of the answer script by paying the prescribed fee within 10 days after the announcement of the results. He / She can challenge the grade awarded to him/her by surrendering the grade card and by submitting an application along with the prescribed fee to the Controller of Examinations

within 15 days after the announcement of the results. This challenge valuation is only for C<sub>3</sub> component.

The answer scripts for which challenge valuation is sought for shall be sent to another external examiner. The marks awarded will be the higher of the marks obtained in the challenge valuation and in maiden valuation.

**6.2.4** In case of a course with only practical component, a practical examination will be conducted with two examiners (ref: 6.2.3 III (ii)). A candidate will be assessed on the basis of a) knowledge of relevant processes b) Skills and operations involved c) Results / products including calculation and reporting. If external examiner does not turn up then both the examiners will be internal examiners. The duration for semester-end practical examination shall be decided by the departmental council.

**6.2.5** If **X** is the marks scored by the candidate out of 70 in C<sub>3</sub> in theory examination, if **Y** is the marks scored by the candidate out of 70 in C<sub>3</sub> in Practical examination, and if **Z** is the marks scored by the candidate out of 70 in C<sub>3</sub> for a course of (L=0):T:(P=0) type that is entirely tutorial-based course, then the final marks **M** in C<sub>3</sub> is decided as per the following table:

L.T.P distribution	Find mark M in C <sub>3</sub>
L:T:P	$\frac{[(L+T)*X]+[(T+P)*Y]}{L+2T+P}$
L:(T=0):P	$\frac{(L*X)+(P*Y)}{L+P}$
L:T:(P=0)	X
L:(T=0):(P=0)	X
(L=0):T:P	Y
(L=0):(T=0):P	Y
(L=0):T:(P=0)	Z

**6.2.6** The details of continuous assessment are summarized in the following table.

Component	Syllabus in a course	Weightage	Period of Continuous assessment
C <sub>1</sub>	First 50% (2 units of total units)	15%	First half of the semester. To be consolidated by the 8th week
C <sub>2</sub>	Remaining 50% (Remaining units of the course)	15%	Second half of the semester. To be consolidated by the 16th week
C <sub>3</sub>	Semester-end examination (All units of the course)	70%	To be completed during 18th-20th week
<b>Final grades to be announced latest by 24th week</b>			

**6.2.7** A candidate's performance from all 3 components will be in terms of scores, and the sum of all three scores will be for a maximum of 100 marks (15 + 15 + 70).

**6.2.8 Finally, awarding the grades should be completed latest by 24th week of the semester.**

### **6.3 Minor/ Major Project Evaluation**

Right from the initial stage of defining the problem, the candidate has to submit the progress reports periodically and also present his/her progress in the form of seminars in addition to the regular discussion with the guide. Components of evaluation are as follows:

Component – I (C<sub>1</sub>): Periodic Progress and Progress Reports (15%)

Component – II (C<sub>2</sub>): Results of Work and Draft Report (15%)

Component– III (C<sub>3</sub>): Final Viva-voce and evaluation (70%). The report evaluation is for 40% and the Viva-voce examination is for 30%

**6.4** In case a candidate's class attendance in a course is less than 75% or as stipulated by the college, the candidate is said to have DROPPED that course, and such a candidate is not allowed to appear for C<sub>3</sub> in that course. Teachers offering the courses will place the above details in the Department Council meeting during the last week of the semester, before the commencement of C<sub>3</sub>, and subsequently a notification pertaining to the above will be brought out by the Chairman of the Department before the commencement of C<sub>3</sub> examination. A copy of this notification shall also be sent to the Controller of Examinations.

**6.5** In case a candidate secures less than 30% in C<sub>3</sub>, he/she may choose DROP/MAKEUP option.

In case a candidate secures more than or equal to 30% in C<sub>3</sub>, but his/her grade (G) = 4, as per section 6.9 below, then he/she may be declared to have been conditionally successful in this course, provided that such a benefit of conditional clearance based on G=4 shall not be availed for more than 8 credits for the entire programme of Master's Degree of two years.

If a candidate is eligible for more than one course, the course which has highest marks in C<sub>3</sub> will be considered. If the marks are equal, the following order shall be considered.

- a) Hardcore
- b) Softcore
- c) Open-elective

A student shall not utilize this benefit along with the grace marks as mentioned in Sec. 6.5.1 and 6.5.2.

In case a candidate secures less than 30% in C<sub>3</sub>, he/she may choose DROP/MAKE-UP option.

The candidate has to exercise his/her option to DROP immediately within 10 days from the date of notification of results.

A MAKE UP examination for odd semester courses will be conducted along with next regular odd semester examinations and for even semester courses along with a next regular even semester examinations. If a candidate is still unsuccessful, he/she may opt for DROP or

again take up MAKE UP examination; however, not exceeding double the duration norm in one stretch from the date of joining the course.

- 6.5.1.** Grace Marks shall be awarded to a Paper [Theory/Practical/Viva-Voce/Head of Passing (Aggregate)] to a maximum of 2% per course, if, after gracing, the candidate gets minimum prescribed marks in the Theory/Practical/Viva-Voce to get Pass grade in the course. The added grace marks to any course(s) should be carried by the other course(s) from which he/she secures higher than the minimum marks for Pass grade. The maximum grace marks permissible in a C<sub>3</sub> examination shall not exceed 6 marks. This is only applicable for C<sub>3</sub> component minimum marks.
- 6.5.2.** A candidate shall be eligible to a maximum of 4% (Aggregate) grace marks in a course, provided the candidate.
- a) Appears for the entire examination (all courses);
  - b) He/She has not secured the required minimum for pass in only one course [Theory/Practical/Viva-Voce/Head of Passing (Aggregate)] of the examination.
  - c) Passes the whole examination by such gracing; and
  - d) Gets the minimum prescribed marks in the Theory/Practical/Viva-Voce and Head of Passing (Aggregate) to get grade Pass by such gracing.

- 6.6** A candidate has to re-register for the DROPPED course when the course is offered again by the department if it is a core/elective course. The candidate may choose the same or an alternate core/elective in case the dropped course is core / elective course. A candidate who is said to have DROPPED project work has to re-register for the same subsequently within the stipulated period. **The details of a dropped course will not appear in the grade card.**
- 6.7** The tentative / provisional grade card will be issued by the Controller of Examinations at the end of every semester indicating the courses completed successfully. This statement will not contain the list of DROPPED courses.
- 6.8** Upon successful completion of Bachelor honors/Master's degree a final grade card consisting of grades of all courses successfully completed by the candidate will be issued by the Controller of Examinations.
- 6.9** The grade and the grade point earned by the candidate in the subject will be as given below.

Marks	Grade	Grade Point (GP = V x G)
30-39	4	Vx4
40-49	5	Vx5
50-59	6	Vx6
60-64	6.5	Vx6.5
65-69	7	Vx7
70-74	7.5	Vx7.5
75-79	8	Vx8
80-84	8.5	Vx8.5
85-89	9	Vx9
90-94	9.5	Vx9.5
95-100	10	Vx10

Here, P is the percentage of marks ( $P = [(C_1 + C_2) + M]$ ) secured by a candidate in a course which is rounded to the nearest integer. V is the credit value of course. G is the grade and GP is the grade point.

- 6.10** A candidate can withdraw any course within ten days from the date of notification of final results. Whenever a candidate withdraws a paper, he/she has to register for the same course in case it is Hard Core course, the same course or an alternate course if it is Soft Core / Open Elective.

A DROPPED course is automatically considered as a course withdrawn.

- 6.11** Overall cumulative grade point average (CGPA) of a candidate after successful completion, the required number of credits (76) is given by

$$\text{CGPA} = \frac{\Sigma \text{GP}}{\text{Total number of credits.}}$$



**7.0** The final grade point (FGP) to be awarded to the student is based on CGPA secured by the candidate and is given as follows.

CGPA	FGP	
	Numerical Index	Qualitative Index
$4 \leq \text{CGPA} < 5$	5	SECOND CLASS
$5 \leq \text{CGPA} < 6$	6	
$6 \leq \text{CGPA} < 7$	7	FIRST CLASS
$7 \leq \text{CGPA} < 8$	8	
$8 \leq \text{CGPA} < 9$	9	DISTINCTION
$9 \leq \text{CGPA} \leq 10$	10	

Overall percentage =  $10 * \text{CGPA}$  or is said to be 50% in case  $\text{CGPA} < 5$

## 8. Medium of Instruction

The medium of instruction shall be English. However, a candidate will be permitted to write the examinations either in English or in Kannada. This rule is not applicable to languages.

## 9 Provision for appeal

If a candidate, is not satisfied with the evaluation of  $C_1$  and  $C_2$  components, he / she can approach the grievance cell with the written submission together with all facts, the assignments, test papers etc, which were evaluated. He/she can do so before the commencement of semester-end examination. The grievance cell is empowered to revise the marks if the case is genuine and is also empowered to levy penalty as prescribed by the university on the candidate if his/her submission is found to be baseless and unduly motivated. This cell may recommend taking disciplinary/corrective action on an evaluator if he/she is found guilty. The decision taken by the grievance cell is final.

For every programme there will be one grievance cell. The composition of the grievance cell is as follows.

1. The Principal - Chairman
2. The Controller of examination – Convener
3. The Administrative Officer - Member
4. Director, Postgraduate Studies - Member
5. One senior faculty member (other than those concerned with the evaluation of the course concerned) drawn from the department/discipline and/or from the sister departments/sister disciplines.
6. One senior faculty member/ subject expert drawn from outside the department.

## 2. Following the academic calendar and departmental calendar of events

Sample of department calendar of events (online activities were done during covid time)



UNIVERSITY OF MYSORE  
**Yuvaraja's College (Autonomous)**  
 Mysore-570005  
**5-Year Integrated M.Sc. Course in Molecular Biology**

Page 1 of 3



Date: 08-05-2020

### NOTICE

Following are the revised dates of the academic activities of the department for the Students of II, IV, VI, VIII & X semesters

Activities	Date and time of activities	Revised Date due to Lock down (COVID 19) Classes suspended from 14 <sup>th</sup> March 2020
<b>Class commencement</b>	<b>17<sup>th</sup> January 2020</b>	
Seminar	Feb 22, 28, 29	Completed
	March 13, 14, 20, 21, 27, 28	May 19th to 26th
	April 3, 4, 11, 17, 18, 24, 25	
C1 assignment submission	Feb 29 <sup>th</sup>	
Last date for Minor seminar	March 15 <sup>th</sup>	
C1 Test	March 2 <sup>nd</sup> to 6 <sup>th</sup>	completed before the lockdown
Practical evaluation for C1 Marks entry/test & Viva with continuous evaluation	March 21 <sup>st</sup>	Will be done based on attendance (5 marks) and performance (5 marks) before 30th May 2020 Changes if any required, will be informed as per the guidelines of UOM/college
C2 assignment	April 20 <sup>th</sup>	20th to 24th May 2020
C2 Test	April 29 <sup>th</sup> to May 5 <sup>th</sup>	On or before 5 <sup>th</sup> June 2020
Practical evaluation for C2 – continuous evaluation / & test	May 11 <sup>th</sup>	As per the guidelines to be given by UOM/the College
Minor Project report submission 16 <sup>th</sup> May 2020 (VIII semester)		15 <sup>th</sup> June 2020 (soft copy), Hard copy submission as per the guidelines to be given by UOM/the college
Major Project report submission (X semester)	16 <sup>th</sup> May 2020	15 <sup>th</sup> June 2020
Last working day as per the University of Mysore Notification	16 <sup>th</sup> May 2020	As per the guidelines to be given by UOM/college

*Demanti*  
 Course Coordinator  
 Department of Molecular Biology  
 Yuvaraja's College  
 University of Mysore  
 Mysore - 570 005

**Submission of assignments :**

Submit the assignments to the concerned teachers as instructed below before 24th May 2020. Please scan (camScanner) the pages with proper resolution and convert the pages to a PDF doc and send the same to the following mail:

**mbassignments2020@gmail.com**

I Sem	Teacher	IV Sem	Teacher	VI Sem	Teacher	VIII Sem	Teacher	X Sem	Teacher
GIC	CDS	AOC	LR	MCB	SSJ	Mol Path	RCK	HN	NSD
PC	SI	Micro	JD	Met II	RHK				
Physics	SF	PI Phys	RCK	Enzy	RHK				
EVS	CNN	An Phys	SSJ	Mol Gene	HC				
Comm. skills	AH	Macro M	SS	CTT	SSJ				
<b>Dates of submission</b>									
II Sem: 20th (GIC and PC) and 21 May (Phy, EVS and CSK)									
IV Sem: 22nd (AOC, Micro, PI Physiol) and 23rd (An Physiol,									
VI Sem: 24th (MCB, Met II, ENZ) 25th (Mol Gen, CTT)									
VIII Sem : Already submitted									
X sem: 15th May to ycmbb2010@gmail.com ; only for final year students									

**While submitting, give file names** (II\_GIC\_01\_CDS) = (Semester\_Subject\_last two numbers of register numbers\_teacher abbreviation):

e.g., Amrutha's Assignment of General and Inorganic chemistry submitted to Prof Cletus D' Souza:

file name is: II\_GIC\_O1\_CDS

**Major and Minor seminars**

To cope up with the constraints we are facing, we have decided to give marks out of a maximum of 10 marks for seminars based on the preparation for seminar (hand written write up and PPT ) on the date mentioned (change of date will not be entertained)

- answering questions to be asked by your seminar guide and
- Course coordinator during the stipulated dates

Minor seminars : Submission is the same as the above; Submissions should be made

before 25th May 2020. Please fix the date and time for interaction. It is going to be only with your guides.

Complete the interaction with your seminar guide before

**Dates for Submission of write-up and ppt for Seminars**

Existing date of the seminar Names of the students available in the list already announced	Revised date for submission May 2020		Date for interaction over suitable platform (online) for Major seminar		
			Guides		Course coordinator/*
	Minor	Major	Date May 2020	Initials of guides	Date
14.03.2020	24	19	20	SF,NSD, NSG,VAV,RHK,	21.05.2020, *RCK
20.03.2020	24	19	20	SF, JD, SJ, NSG, RHK	21.05.2020
21.03.2020	25	20	21	TRP, NSD,SS, RCK	22.05.2020, *JD
27.03.2020	25	20	21	TRP, NSD, VAV, RCK	22.05.2020
28.03.2020	26	21	22	TRP, RCK, VAV, CA	23.05.2020
03.04.2020	26	21	22	CNN, MKM, HC, CA, SJ	23.05.2020
04.04.2020	27	22	23	CNN, SS, NSG, RCK	24.05.2020
11.04.2020	27	22	23	CNN, SS, SS, CDS, NSD	24.05.2020, *SJ
17.04.2020	28	23	24	X1, SJ, SS,RHK, NSD	25.05.2020, *RCK
18.04.2020	28	23	24	X3, X4, SJ, NSD	25.05.2020, *JD
24.04.2020	19	24	25	SI, RHK, SJ	26.05.2020
25.04.2020	19	24	25	X3, SJ, MSS	26.05.2020

Please submit the hand written write up and PPT to the below mentioned mail id:

**[mbassignments2020@gmail.com](mailto:mbassignments2020@gmail.com)**

With file name for major seminar as :

MA\_Semester\_Student name\_last two numbers of Register no.\_subject\_Guide (e.g., MA\_II\_Amruha\_01\_Physics\_SF)

For Minor seminar

MI\_Semester\_Student name\_last two numbers of Register no.\_subject\_Guide (e.g., MI\_II\_Amruha\_01\_X\_Y)

fill X and Y with relevant information.

**Submission of answers to the questions given/to be given by teachers (evaluation of these will be considered in the place of C2 test marks)**

Evaluation will be done in the following way:

1 credit (1 hr/week) teaching : 10 marks

2 credits (2 hr/week) teaching : 20 marks

3 credits (3 hours/week) teaching: 30 marks

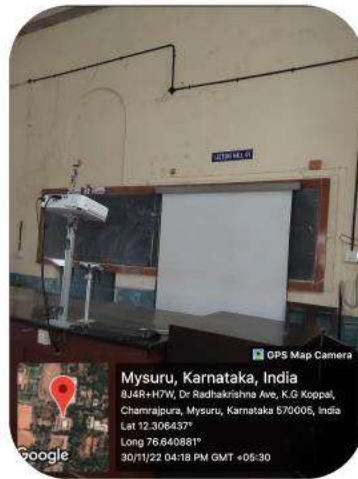
**Last date for submission is 5<sup>th</sup> June 2020**



### 3.Theory teaching with chalk and Talk combined with ICT enabled tools



ITC facilities



ICT facilities of college help in better teaching

Laboratory facilities provided for students



Sericulture lab



Food science and Nutrition lab

Experimental learning

4. Mentoring by designated teachers and individual counselling (sample sheet)

UNIVERSITY OF MYSORE  
YUVARAJA'S COLLEGE  
(Constituent Autonomous College with Potential for Excellence)  
Accredited 'A' grade with CGPA 3.34 by NAAC, JLB Road, Mysuru - 570 005, Karnataka, India  
Department of Molecular Biology  
STUDENT MENTORING BY FACULTY MEMBERS

NAME OF THE COUNSELOR : Dr. Devaki NLS  
NAME OF THE DEGREE : 5 - Year Integrated M.Sc, Molecular biology  
YEAR OF ADMISSION : 2019-20

Sl. no	Student name	Register no	2019-20 Counseling dates Odd & Sem					Student Signature	Remark
			1	2	3	4	5		
1	Anshika Bell M.	YMB15101	✓	✓	✓	✓	✓	✓	Organized the alumni meet (15 <sup>th</sup> ) - 15/05/20
2	Aryakeerthi M.	YMB15102	✓	✓	✓	✓	✓	✓	Reunion - Alumni meet
3	Deepa Suryanarayana	YMB15103	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
4	Deepankar Ullas B.	YMB15104	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
5	Kodavoor Aishwarya Rao	YMB15105	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
6	Lenita D' Souza	YMB15106	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
7	Mahima L.	YMB15107	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
8	Manasa K.	YMB15108	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
9	Mukul J.S.	YMB15109	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
10	Navyashree H.B.	YMB15110	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
11	Rachana R. Shankar	YMB15111	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
12	Rakshitha C.M.	YMB15112	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
13	Rinchen Dolma	YMB15113	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
14	Sarthosh Kumar S.	YMB15114	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
15	Shama Bhat	YMB15115	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
16	Shibani Bose	YMB15116	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
17	Sushmitha M.P.	YMB15117	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20
18	Tanni R. Parashar	YMB15118	✓	✓	✓	✓	✓	✓	Organized alumni meet (15 <sup>th</sup> ) - 15/05/20

1. a. Get to know each other. B. Needs and aspirations of the students.  
2. a. Counseling regarding jobs. B. Counseling regarding higher education c. Counseling regarding projects, entrance exams and competitive exams.  
3. Social responsibility, moral values and gender equality. 4. Physical and mental health issues. 5. Miscellaneous.

Devaki NLS  
Coordinator  
Department of Molecular Biology  
Yuvraj's College  
University of Mysore  
Mysuru - 570 005

## 5. Field visits and Projects

### DEPARTMENT OF GEOLOGY YUVARAJA'S COLLEGE, MYSURU

#### 1 DAY FIELD VISIT IN AND AROUND MADIKERI

Date of Visit : 26-02-2022

##### 1. ITINERARY:

6.30- Started from Mysore

8.30- Breakfast

9.30- Visit to examine the Fluvial Landform- Abbi Waterfall

11.30- Visit to Landslide prone area- 2<sup>nd</sup> Monnangeri and Jodupaala area

1.30- Visit to observe Fluvial Landform- Jodupaala Waterfall

2.30- Lunch

3.30- Visit to Harangi dam and Reservoir

5.30- Return to Mysore

Department of Geology  
Second year Geological tour 2021-22





Photos of Butterfly park



Visit to Butterfly Park in Banerragatta forest, Bangalore



## Report of the visit of the I semester students to Mushroom Research Centre located near Kukkarahalli Lake, Manasagangotri on 10<sup>th</sup> January 2022 at 2.30 PM

Students of I semester were given a presentation on Mushroom cultivation in the seminar Hall of the Horticulture station with Mushroom Research Centre located near Kukkarahalli Lake, Manasagangotri, After the presentation, staff of the center showed demonstration of mushroom cultivation in the Horticulture station with Mushroom Research Centre located near Kukkarahalli Lake, Manasagangotri

After the demonstration of mushroom cultivation in the Horticulture station with Mushroom Research Centre located near Kukkarahalli Lake, Manasagangotri, students were exposed to diversity of plants growing in the nursery located in the same area and the plants with geographical indicator (GI) tag such as Mysore Mallige and Mysore Veelyadele (these plants are sold in the nursery)



Students of I semester were given a presentation on Mushroom cultivation in the seminar Hall of the Horticulture station with Mushroom Research Centre located near Kukkarahalli Lake, Manasagangotri,



After the presentation, staff of the center showed demonstration of mushroom cultivation in the Horticulture station with Mushroom Research Centre located near Kukkarahalli Lake, Manasagangotri

## 6. Students encouraged to participate in seminars and conferences

Educative programs are arranged to increase the PO, PSO, and CO outcomes and overall development of the students.



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 JLB Road, Mysuru - 570 005



### Green Audit Committee and Eco Club & IQAC

Celebration of **Earth Day 2022**  
 Theme : 'Invest in Our Planet'

**April 22, 2022 at 11.00 AM**

**Presided by:** Prof B. N. Yashodha, Principal , Yuvaraja's College

**Chief Guest:** Mr. Shamsundar, Head, CREST, NIE, Mysuru

*Programs of the day:*

**11.00 AM to 12.00 Noon**

1. Invited talk cum demonstration on "Green Technolgy"  
 By Mr. Shamsundar, Head, CREST, NIE, Mysuru

Venue: Jayachamarajendra Auditorium

**12.00 to 1.00PM**

2. Installation of Aerobic Composters in the college premises
3. Free distribution of paper bags and cotton bags to street vendors by students

**All staff members and students are informed to attend**

---

#### Members of Green audit committee and Eco club & IQAC

**Prof. H. Somashekarappa**  
 Administrative Officer

**Prof. R. Vidya**  
 IQAC coordinator

**Prof. B. N. Yashodha**  
 Principal

**Prof. K. B. Umesha**  
 Controller of Examinations

## Nobel Prize - 2020 Online Lecture Series

### Physiology & Medicine

**Dr. Shashank Tripathi**

IISc, Bengaluru.

Topic - 'Discovery of  
Hepatitis C Virus' @ 11 AM

### Chemistry

**Dr. P. Chandrashekar**

CCMB, Hyderabad.

Topic- 'Development of a Method for  
Genome Editing' @ 12:15 PM

### Physics

**Prof. G. Srinivasan**

Raman Research Institute (Rtd.), Bengaluru.

Topic- 'Black Holes of General  
Relativity' @ 2:30 PM

**18<sup>th</sup> December 2020**

**(Friday)**

**Venue: Google Meet**



**Inauguration by Dr. Yashodha B. N., Principal, YCM @ 10:30 AM**

**Dr. H. C. Devaraje Gowda**  
Administrative Officer

**Dr. H. B. Mahesha**  
Controller of Examination

**Dr. R. Vidya**  
Coordinator, IQAC

**Dr. N. S. Devaki**  
Convenor, Science Forum

**Faculty & Members of Science Forum, YCM**

**Registration Link: <https://bit.ly/37AfmUN>**

### **Note:**

*Registration is compulsory for certificates; link to join lectures will be sent to registered mail ID's a day before the event.*

Contact: Sachin (+91 99645 48457)

Website: <https://sites.google.com/view/deptofmolecularbiologyycm>

OR scan this QR code







## University of Mysore Yuvaraja's College

(Constituent Autonomous College with Potential for Excellence)  
Accredited 'A' grade with CGPA 3.34 by NAAC  
JLB Road, Mysuru - 570 005, Karnataka, India



Department of Molecular Biology &  
Internal Quality Assurance Cell, Yuvaraja's College, Mysuru  
and  
Institute of Excellence, Vijnana Bhavan, UOM, Mysuru

### Webinar on **Intellectual Property Rights : Patents, Copyrights and Trademarks** on 06<sup>th</sup> July 2020

Inauguration:	10.30 AM to 11.00 AM	Zoom Meeting ID: 863 4376 8566
Venue:	Zoom Meeting	Zoom Meeting ID: 863 4376 8566
Inaugural Address :	Hon'ble Vice Chancellor	Zoom Meeting ID: 863 4376 8566
Moderator:	Dr. Devaki N.S.	Password: 288900

Speaker: 1



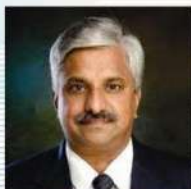
**Prof. Srinivasulu N. S.**  
Professor of Law  
National University of Judicial Sciences  
Kolkata, India

Topic: Patents, Copyrights and Trademarks :  
Procedural and Legal Aspects

Time: 11.00 AM to 12.00 PM



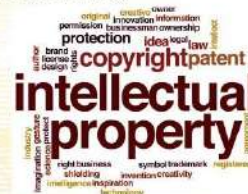
Speaker: 2



**Dr. Bheemesh M. N.**  
NIALS and Senior Advisor  
ALMT Legal, Advocates and Solicitors  
Bangalore

Topic: Intellectual Property Rights :  
Significance for Career Researchers

Time: 12.00 PM to 1.00 PM



#### Patrons

**Prof. G. Hemanth Kumar**  
Hon'ble Vice Chancellor  
University of Mysore  
Mysuru

**Prof. R. Shivappa**  
Hon'ble Registrar  
University of Mysore  
Mysuru

**Dr. B. N. Yashodha**  
Principal  
Yuvaraja's College  
Mysuru

All are cordially welcome to join

Dr. S.C. Chandra Nayak, Director, IOE, Vijnana Bhavan, UOM, MGM  
Dr. H.C. Devaraje Gowda, Administrative officer, YCM  
Dr. H. B. Mahesha, Controller of Examination, YCM  
Dr. R. Vidya, Coordinator, IQAC, YCM  
Faculty and Research Scholars, YCM

Instructions: Request all the participants to join the zoom meeting through the latest application version (<https://zoom.us/>)  
Zoom meeting room becomes active five minutes prior to the commencement of webinar programme.



### Certificate of Appreciation

Project MANAV -The Human Atlas Initiative is a citizen science initiative that aims to build a human atlas by the curation of all available macro to micro-level information from life science literature and public databases. This is a collaborative project between NCCS, IISER-Pune and Persistent Systems, funded by Department of Biotechnology, GOI and co-funded by Persistent Systems Ltd.

One of the initiatives run by Project Manav for college students is a - Webinar on "How to read Scientific literature" that covers:

- (1) An in-depth presentation on "How to read scientific literature?"
- (2) An introduction to project "MANAV" explaining how students can participate and contribute to this national level initiative.

We put on record an appreciation for **Devaki N S** who served as the **Faculty Coordinator** for the event hosted on 06/12/2020 at Yuvaraja's College, University of Mysore.

Team MANAV takes this opportunity to extend best wishes to students and staff of your college and looks forward to your continued participation in this project.

Best wishes,

Prof M. V. Krishna Sastry  
Project Co-Ordinator &  
Principal Investigator,  
Scientist G, NCCS, Pune

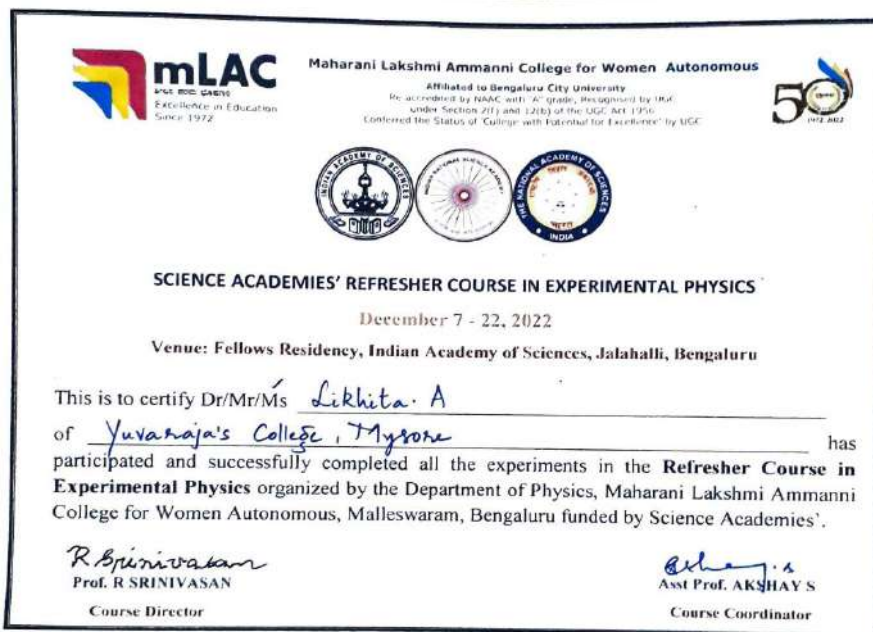
Dr. Nagaraj Balasubramanian  
Principal Investigator,  
Associate Professor,  
IISER, Pune

Dr. Anamika Krishanpal  
Principal Investigator,  
Senior Domain Specialist,  
Persistent LABS, Pune



## 7. Summer internships are encouraged

Certificate of a B.Sc. Physics student who have recently attended Summer internship





**Students are motivated to write reports of the Program they attend and thus their science communication capability (soft skills) is enhanced to improve the program outcome**

**Report on the "Refresher Course on Experimental Physics" given by Report by: Likhitha.A and Pratima Ganapati Bhat, Final year B.sc**

**Course Director:** Dr.R.Srinivasan.

**Date:** Dec 7th to 22nd 2023.

**Organised by:** Department of Physics, Maharani Lakshmi Ammanni College of Women, Bengaluru.

**Held at:** Indian Academy of Sciences Fellows Residency, Bengaluru

The programme was inaugurated at Maharani Lakshmi Ammanni College on Dec 7th, in the presence of all the dignitaries. On the first day we had two sessions, the lectures were given by Dr. Ramesh, Prof. Sarmistha Sahu, Dr. Manish and Dr. Srinivasan.

Initially, we had only lectures in the morning and afternoon session followed by coffee break and lunch break. We had an excellent Laboratory, Lecture hall and room for accommodation in the same building. They took care of our food and stay, which helped us to focus completely on learning experiments.

Later on, we had an experiment session in the morning and Lectures by various Professors and Scientists across the country on new research topics and new areas of research were discussed. We got exposure to new fields of study and new possibilities in physics.

We got hands-on experience in 15 experiments, Resistance Measurement techniques, Piezo Electricity constants of PZT and PVDF, Lock in amplifier, Viscosity by Stoke's law etc to name a few. We performed the experiments, did calculations and took note of the way the experiments were designed.

The participants mostly were Professor's, Research Scholars, M.Sc graduates and only five B.Sc students including us. We had great time learning physics, knowing the theory behind experiments, Interacting with Scientists and Professor's, it was a wonderful experience.



Photograph showing the participants along with subject experts who were the resource persons  
 Dr. Ramaswami Srinivasan – (who is acclaimed as a complete physicist and a teacher par excellence)  
 92 years old is seen in the middle

## 8. Many students selected to prestigious summer internships which helps them to build their scientific career

Get selected in Prestigious institutes for Ph D programs



**Dinesh Hegde from Sirsi, Uttara Kannada district**, who went to the USA, has made his home state proud by winning NASA's Future Investigator Award. He has received a cash prize of \$1,35,000 (Rs 1.2 crore). Hegde had completed his BSc degree from Yuvaraja College Mysuru and secured MSc degree in physics from Mysore University.

Dinesh was active in cultural programmes along with pursuing science even in his college days. He was identified with the 'Nirantara' theater group at Mysuru. He also took part in several college drama festivals. He said he is happy that he has won such a big award to conduct research on



the sun, about whom he has unending curiosity. (from new report:  
<https://www.google.com/search?q=dinesh+hegde&oq=dinesh+hegde>)

Did Summer internship from Indian Academy of sciences during his B.Sc period in Yuvaraja's College. His Physics teachers of Yuvaraja's College played significant role in inspiring him towards Research in Physics.

Sharanya Bhargav : YMB18215 : IASc SRF certificate



*Summer Research Fellowship Programme  
Certificate*

*This is to certify that Ms Sharanya Bhargav worked on a project entitled "Studies on antibacterial and antibiofilm properties of Human Milk Oligosaccharides (HMOs)" during September - October 2021 as a Summer Research Fellow under the supervision of Dr Ashvini Chauhan, Tripura University, Tripura. The Summer Research Fellowship Programme is jointly sponsored by IASc (Bengaluru), INSA (New Delhi) and NASI (Prayagraj).*



*Place: Bengaluru  
Date: 22-02-2022*

*P. K. Das  
Chairman, Science Education Panel*

INDIAN ACADEMY OF SCIENCES, C. V. RAMAN AVENUE, POST BOX No. 8005,  
RAMAN RESEARCH INSTITUTE CAMPUS, SADASHIVANAGAR P.O.,  
BENGALURU 560 080, INDIA

**Mukul J. S. YMB15109 cleared UGC CSIR with 110 rank and got selected in centre for Cellular and Molecular Biology (CCMB) one of the premier research institute of our country**

सीएसआईआर - कोशिकीय एवं आणविक जीवविज्ञान केन्द्र  
CSIR - CENTRE FOR CELLULAR & MOLECULAR BIOLOGY  
वैज्ञानिक और औद्योगिक अनुसंधान परिषद/Council of Scientific & Industrial Research  
हैदराबाद/HYDERABAD 500 007

No. CCMB/5901/2020/PhD/Academic दिनांक/Date: 12-10-2020

कार्यालय ज्ञापन/OFFICE MEMORANDUM


सीसीएमबी द्वारा दिनांक 15-09-2020 को जारी समसंख्यक नियुक्ति प्रस्ताव पत्र सं. CCMB/8-2020PhD/Admn में उल्लिखित निबंधन एवं शर्तों को स्वीकार करते हुए श्री मुकुल जे एस (पहचान सं. 20205901) ने 31,000/-रु की प्रतिमाह वृत्तिका पर पीएचडी करने हेतु 06.10.2020 को सीएसआईआर-कनिष्ठ शोध अध्येता के रूप में कार्यभार ग्रहण किया।

Having accepted the terms and conditions of CCMB offer letter of even number: CCMB/8-2020PhD/Admn, dated 15.09.2020, Mr. Mukul J S (ID No. 20205901) has reported on 06.10.2020 as Junior Research Fellow for pursuing Ph.D under the CSIR Fellowship on a stipend of Rs.31,000/- (Rupees Thirty one thousand only). The tenure of fellowship is for 05 years w.e.f date of joining.

उम्मीदवार द्वारा उपाधि पत्र जमा करने तक यह चयन /नियुक्ति अनंतिम माना जाये।  
The selection /appointment is provisional and subject to submission of award letter by the candidate.

श्री मुकुल जे एस, सीसीएमबी छात्रावास में रह रहे हैं, इसलिये एचआरए के भुगतान के हकदार नहीं हैं, इसके अतिरिक्त आवश्यक कटौतियाँ लाइसेंस शुल्क, पानी और बिजली शुल्क उनकी वृत्तिका से वसूली जायेगी। विद्वित्सा सुविधा का लाभ केवल स्वयं के लिए प्राप्त होगा।

Mr. Mukul J S is not entitled for HRA in view of his availing CCMB hostel accommodation. In addition, necessary deductions towards licence fee, water and electricity charges may be recovered from the stipend. Provision of Medical facility is for self only.

  
श्रीमती एस माधुरी (S. Madhuri)  
प्रभारी, अकादमिक सेल I/C Academic Cell

सेवा में/To:  
श्री मुकुल जे एस, सीएसआईआर- कनिष्ठ शोध अध्येता (पहचान सं.20205901 )  
Mr. Mukul J S , CSIR- Junior Research Fellow (ID No. 20205901)  
-may contact Security Office for ID card & Canteen Office for Canteen Card.

प्रति/Copy to:

1. आदान एवं सवितरण अधिकारी/ Drawing & Disbursing Officer
2. वित्त एवं लेखा अधिकारी/ Finance & Accounts Officer
3. व्यक्तिगत फाइल संबंधित/Personal file concerned
4. सुरक्षा अधिकारी/ Security Officer
5. श्री वाई वी रामा राव, प्रिन्सिपल तकनीकी अधिकारी/ Shri YV Rama Rao, Principal Technical Officer
6. श्रीमती एस माधुरी स्टाफ अधिकारी/ Mrs. S. Madhuri, Staff Officer
7. अधिकारी प्रभारी, आईटी समूह/Officer Incharge , IT Group
8. प्रधान, पीएमई समूह/Head, PME Group
9. हिन्दी अनुभाग/Hindi Section
10. Academic Cell/ अकादमिक सेल
11. डॉ. पूरन सिंह सिजवाली / Dr.Puran Singh Sijwali
12. The Under Secretary  
Human Resource Development Group  
Council of Scientific and Industrial Research  
Extramural Research Division (EMR-1)  
CSIR Complex, Pusa, New Delhi-110012

- By POST along with joining OM and all documents

Deepa Suryanarayan YMB15103 has joined Ph D program in Pittsberg University , USA which is one of the prestigious universities of the world

DocuSign Envelope ID: 8341691B-D689-42B3-B91E-7B9EF0699925



# University of Pittsburgh

School of Medicine

Integrative Systems Biology Graduate Program

February 15, 2022

Dear Deepa Suryanarayan:

It gives me great pleasure to extend to you an offer of admission to the Integrative Systems Biology Graduate Program for the Fall term of 2022. You are granted a financial award from the Office of the Dean as part of admission to our program. This award includes a stipend, full tuition remission, and student health insurance. The amount of the stipend is \$32,000 per annum to be provided in monthly payments beginning the last day of the first full month of your arrival.

The appointment for the stipend begins September 1, 2022. You are also awarded an educational enrichment account of \$2,000. The account may be used for the purchase of educational materials such as books or a subscription to a scientific journal, a computer, or travel to an approved scientific meeting.

The University will provide individual health insurance under the UPMC Health Plan for graduate students. An option to purchase family coverage under the same plan is available at a rate equal to the difference between family coverage and individual coverage. Options to purchase dental and vision insurance are also available. Further details about the insurance plans and other program information will be distributed at the orientation when you complete the paperwork for formal academic appointment as a graduate student.

Your admissions status is currently considered provisional. The attached page describes the provision(s) you must satisfy on or before your arrival in Pittsburgh. In order to retain the financial award, you must maintain a minimum cumulative grade point average of 3.00, earn a letter grade of B or better in all required course work and be registered for a minimum of nine credits each Fall and Spring term and three credits each Summer term, constituting a full commitment to the program.

The faculty will be delighted if you decide to join our graduate program. Please indicate your decision by signing and returning the enclosed copy of this letter by April 15, 2022, in accordance with the enclosed Council of Graduate Schools agreement. **If you choose to accept our offer, you are required to arrive in Pittsburgh to attend a mandatory Integrative Systems Biology Orientation and check in with our Office of International Services. We will not be able to issue your I-20 until we receive the signed letter accepting our offer.** If you have any questions regarding the financial award or graduate program, please contact me or Ms. Shari Murphy at [sas101@pitt.edu](mailto:sas101@pitt.edu).

I look forward to your decision to join the University of Pittsburgh School of Medicine Integrative Systems Biology Graduate Program.

Regards,

Neil Hukriede, Ph.D.  
Professor and Vice-Chair  
Integrative Systems Biology Director  
Dept. of Developmental Biology  
University of Pittsburgh

Yes I accept your offer of admission

I decline your offer of admission

Signature & Date

DocuSigned by:

FFB8876C488847D  
John P. Horn, Ph.D.  
Associate Dean of Graduate Studies  
School of Medicine  
University of Pittsburgh



**Arun Sharma YMB12102** scored **65<sup>th</sup> All India Rank in UGC CSIR** examination and is currently doing Ph D in our college



वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्  
COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

मानव संसाधन विकास समूह, परीक्षा एकक  
Human Resource Development Group, Examination Unit  
सी.एस.आई.आर. कॉम्प्लेक्स, लाईब्रेरी एवेन्यू, पूसा, नई दिल्ली-110 012  
CSIR Complex, Library Avenue, Pusa, New Delhi-110 012

Dated: 30.10.2019

Sr.No. 1061830974  
Ref.No: 17/06/2018(I) EU-V  
ROLLNO: 334345  
Mr. ARUN SHARMA M  
S/O K S MANJUNATH  
NO.279, 1ST CROSS, 6TH MAIN, 2ND STAGE, KUMARASWAMY  
LAYOUT  
BENGALURU, KARNATAKA- 560078



Sub: - Joint CSIR-UGC National Eligibility Test (NET) for Junior Research Fellowship (JRF) and eligibility for Lectureship (LS) held on 17.06.2018 and result declared on 27.11.2018.

Dear Candidate,

CSIR is pleased to inform you that you have been declared qualified in the above examination for award of Junior Research Fellowship and secured 65 rank in LIFE SCIENCES subject under CSIR Fellowship scheme. Further, you have also been declared qualified for eligibility for Lectureship (LS) in the above subject area, subject to fulfilling the eligibility criteria laid down by UGC.

The offer of Junior Research Fellowship is valid for a period of two years w.e.f. 01.01.2019 and is not extendable. It will be governed by the terms and conditions of the CSIR Junior Research Fellowship.

In order to accept this offer, you should send the joining report, undertaking and & attestation proforma (which can be downloaded from our website [www.csirhrdg.res.in](http://www.csirhrdg.res.in)) and submit the same, duly completed in all respects to The Deputy Secretary (EMR)/ Under Secretary (EMR.) at the address given overleaf.

This letter may be treated as a certificate.

Yours sincerely,

के. नहन्शांग / K. NGAHANSHANG  
अवर सचिव (परीक्षा) / Under Secretary (Exam.)  
वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्  
Council of Scientific & Industrial Research  
सी. एस. आई. आर. कॉम्प्लेक्स, पूसा, नई दिल्ली-12  
CSIR Complex, Pusa, New Delhi-110012

**Important Note:**


- (a) This certificate is being issued on the basis of information provided by the candidate in his/her application form. The appointing authority/fellowship awarding authority should verify the original records/certificates of the candidate while considering him/her for appointment/fellowship, as Examination Unit, CSIR Complex is not responsible for the same. In case the candidate has qualified under RA (Result Awaited Category), the certificate will be valid only from the date of acquiring the requisite qualification as stipulated in the notification. The details regarding the eligibility criteria for this test are given overleaf.
- (b) In case the candidate does not fulfil any of the eligibility conditions and Caste/PWD status (wherever applicable), this certificate may be treated as cancelled.

**GATE 2022** **GATE 2022 Scorecard**

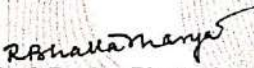
Graduate Aptitude Test in Engineering

Graduate Aptitude Test in Engineering (GATE)

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा

Name of Candidate	SRIVIDHYA S	
Parent's/Guardian's Name	SRINIVASAN B S	
Registration Number	XL22S61205045	
Date of Birth	20-Dec-1996	
Examination Paper	Life Sciences (XL)	<i>Srividhya S</i>
Section(s)	Biochemistry (Q), Microbiology (S)	

GATE Score:	<b>538</b>	Marks out of 100:	<b>43.33</b>		
All India Rank in this paper:	<b>1029</b>	Qualifying Marks*	General	EWS/OBC (NCL)	SC/ST/PwD
Number of Candidates Appeared in this paper:	<b>30336</b>		33.9	30.5	22.5

Valid up to 31<sup>st</sup> March 2025
  
 Prof. Ranjan Bhattacharyya

 Organising Chairman, GATE 2022  
 on behalf of NCB-GATE, for MoE


35571706e5f66e8c062e8c7e262f8e23

\* A candidate is considered qualified if the marks secured are greater than or equal to the qualifying marks mentioned for the category for which valid category certificate, if applicable, is produced along with this score card.

Organising Institute: Indian Institute of Technology Kharagpur

**General Information**

The GATE 2022 score is calculated using the formula

$$\text{GATE Score} = S_q + (S_t - S_q) \frac{(M - M_q)}{(M_t - M_q)}$$

where,

M is the marks obtained by the candidate in the paper, mentioned on this GATE 2022 scorecard

M<sub>q</sub> is the qualifying marks for general category candidate in the paperM<sub>t</sub> is the mean of marks of top 0.1% or top 10 (whichever is larger) of the candidates who appeared in the paper (in case of multi-session papers including all sessions)S<sub>q</sub> = 350, is the score assigned to M<sub>q</sub>S<sub>t</sub> = 900, is the score assigned to M<sub>t</sub>

In the GATE 2022 score formula, M<sub>q</sub> is 25 marks (out of 100) or  $\mu + \sigma$ , whichever is greater. Here  $\mu$  is the mean and  $\sigma$  is the standard deviation of marks of all the candidates who appeared in the paper.

Qualifying in GATE 2022 does not guarantee either an admission to a post-graduate program or a scholarship/assistantship. Admitting institutes may conduct further tests and interviews for final selection.

Geology and Geophysics (GG) Humanities and Social Sciences (XH)	Separate score and ranking provided based on selection of optional section
Architecture and Planning (AR) Geomatics Engineering (GE) Engineering Sciences (XE) Life Sciences (XL)	NO Separate score and ranking provided based on selection of optional section

Graduate Aptitude Test in Engineering (GATE) 2022 was organized by Indian Institute of Technology Kharagpur on behalf of the National Coordination Board (NCB) – GATE for the Department of Higher Education, Ministry of Education (MoE), Government of India.



Gmail

7:57 AM



jeffersonhospital-secure.org



Jefferson

November 17, 2021

Human Resources

1101 Market Street,  
23<sup>rd</sup> Floor  
Philadelphia, PA  
19107

Dear Dr. Mahendra V P,

I am pleased to offer you the position of **Post-Doctoral Fellow Research** in the **Center for Translational Medicine**

### **Compensation and Benefits**

- This Exempt position will be paid at an **annual rate of \$51,004.00** which will be paid to you at **\$1,961.69** bi- weekly over twenty-six pay periods.
- You will be eligible to receive **10 Vacation and 5 Sick Days** of Earned Time Off per year
- You will be eligible to participate in the Post Doctoral Benefit Program.
- This position is supported by external funding sources, and is contingent upon continued availability of this budgetary support. Due to its externally-funded nature, this position will not be eligible for severance in the event of its elimination.

### **Pre-Employment Screening**

This offer is contingent upon a satisfactory criminal background report. Thus, if you decide to accept our offer, we require you to complete the Disclosure and Release and Criminal History that will be sent to you separately via Jefferson Destination Onboarding.

This offer also is contingent upon your satisfactorily completing a pre-employment physical examination including a drug screening which will be arranged by this office. At that time, it will be necessary for you to bring any immunization records you may have. (See attached memo from Dr. Ellen O'Connor regarding Pre-Employment Physical Examination.)

Open in...



## 8. Sample transcript and marks card

Sample Marks cards and Transcripts depicting the Program, Program specific and course outcomes of our students

Reg. No. : YMB		Month & Year of Admission : JUN 2015					
Student's Name :		Month & Year of Completion : SEP 2020					
Sl. No.	Course	Course Type	L:TP	Credits	Grade	Grade Points	Remarks
01	GENERAL BOTANY	HC	4:0:2	6.0	7.00	42.00	NOV 15
02	GENERAL ZOOLOGY	HC	4:0:2	5.0	7.00	42.00	NOV 15
03	MATHEMATICS FOR BIOLOGISTS	HC	3:0:0	3.0	9.00	27.00	NOV 15
04	CONSTITUTION OF INDIA	HC	3:0:0	3.0	7.50	22.50	NOV 15
05	COMMUNICATION SKILLS - I	HC	1:1:0	2.0	8.00	16.00	NOV 15
06	GENERAL AND INORGANIC CHEMISTRY	HC	4:0:1	5.0	7.50	37.50	JUN 16
07	PHYSICAL CHEMISTRY	HC	4:0:1	5.0	7.00	35.00	JUN 16
08	PHYSICS	HC	4:0:1	5.0	9.00	45.00	JUN 16
09	ENVIRONMENTAL STUDIES	HC	3:0:0	3.0	9.00	27.00	JUN 16
10	COMMUNICATION SKILLS - II	HC	1:1:0	2.0	7.50	15.00	JUN 16
11	ORGANIC CHEMISTRY	HC	3:0:1	4.0	7.50	30.00	NOV 16
12	BASIC BIOCHEMISTRY	HC	3:0:1	4.0	7.50	30.00	NOV 16
13	DEVELOPMENTAL BIOLOGY	HC	4:0:1	5.0	7.50	37.50	NOV 16
14	CELL BIOLOGY	HC	3:0:1	4.0	8.50	34.00	NOV 16
15	COMPUTER APPLICATIONS	HC	2:0:1	3.0	9.00	27.00	NOV 16
16	ADVANCED ORGANIC CHEMISTRY	HC	2:0:1	3.0	8.00	24.00	JUN 17
17	MICROBIOLOGY	HC	3:0:2	5.0	8.00	40.00	JUN 17
18	PLANT PHYSIOLOGY	HC	3:0:1	4.0	8.50	34.00	JUN 17
19	ANIMAL PHYSIOLOGY	HC	3:0:1	4.0	8.50	34.00	JUN 17
20	MACRO MOLECULES	HC	3:0:1	4.0	7.50	30.00	JUN 17
21	METABOLISM - I	HC	3:1:1	5.0	8.50	42.50	NOV 17
22	BIOCHEMICAL TECHNIQUES	HC	3:0:2	5.0	9.00	45.00	NOV 17
23	BIOPHYSICS	HC	4:0:1	5.0	8.00	40.00	NOV 17
24	PRINCIPLES OF GENETICS	HC	3:1:1	5.0	8.00	40.00	NOV 17
25	ELECTIVE - I : INDUSTRIAL BIOTECHNOLOGY	OE	2:0:0	2.0	8.50	17.00	NOV 17
26	MOLECULAR CELL BIOLOGY	HC	3:1:1	5.0	8.50	42.50	MAY 18
27	METABOLISM - II	HC	3:1:1	5.0	8.00	40.00	MAY 18
28	ENZYMOLGY	HC	3:1:1	5.0	8.50	42.50	MAY 18
29	MOLECULAR GENETICS	HC	3:1:1	5.0	8.50	42.50	MAY 18
30	ELECTIVE - II : CELL AND TISSUE CULTURE TECHNOLOGY	OE	2:0:0	2.0	8.00	16.00	MAY 18
31	IMMUNOBIOLOGY	HC	3:1:0	4.0	9.00	36.00	NOV 18
32	MOLECULAR MECHANISM OF SIGNAL TRANSDUCTION	HC	2:1:0	3.0	8.50	25.50	NOV 18
33	MOLECULAR MECHANISM OF GENE EXPRESSION - I	HC	3:1:0	4.0	7.00	28.00	NOV 18
34	GENETIC ENGINEERING - I AND BIOINFORMATICS	HC	4:1:0	5.0	8.00	40.00	NOV 18
35	MOLECULAR BIOLOGY LAB - I	HC	0:0:4	4.0	8.50	34.00	NOV 18
36	ELECTIVE - III : CLINICAL BIOCHEMISTRY	OE	2:0:0	2.0	8.00	16.00	NOV 18
37	MOLECULAR PATHOLOGY	HC	3:1:0	4.0	8.00	32.00	MAY 19
38	BIOSTATISTICS AND RESEARCH METHODOLOGY	HC	2:1:0	3.0	8.50	25.50	MAY 19
39	GENOMICS AND PHYLOGENETICS	HC	2:1:1	4.0	7.00	28.00	MAY 19
40	MOLECULAR BASIS OF DEVELOPMENT AND DIFFERENTIATION	HC	3:1:0	4.0	8.00	32.00	MAY 19
41	MOLECULAR BIOLOGY LAB - II	HC	0:0:4	4.0	8.50	34.00	MAY 19
42	MINOR PROJECT WORK	HC	0:0:2	2.0	9.00	18.00	MAY 19
43	GENETIC ENGINEERING - II	HC	3:1:0	4.0	8.00	32.00	OCT 19
44	PROTEOMICS AND DRUG DESIGNING	HC	2:1:1	4.0	8.00	32.00	OCT 19
45	CANCER BIOLOGY	HC	2:0:0	2.0	8.00	16.00	OCT 19
46	MOLECULAR MECHANISM OF GENE EXPRESSION - II	HC	3:1:0	4.0	7.00	28.00	OCT 19
47	MOLECULAR BIOLOGY LAB - III	HC	0:0:6	6.0	8.00	48.00	OCT 19
48	ELECTIVE - V : EVOLUTION AND BEHAVIOUR	OE	2:0:0	2.0	7.50	15.00	OCT 19
49	ELECTIVE - VI : HUMAN NUTRITION	OE	2:0:0	2.0	8.00	16.00	SEP 20
50	PROJECT WORK	HC	0:1:7	8.0	9.50	76.00	SEP 20
Total Credits : 200.0 (HC:190 SC:0 OE:10)		C.G.P. : 1610.00	C.G.P.A. : 8.05	Equivalent Percentage : 80.50			
Final Grade Point (FGP): Numerical: 9			Qualitative Index : Distinction				
Date : 22/01/2021		Head of the Institution		Controller of Examinations			





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YC 015084



PROVISIONAL GRADE CARD

FINAL SEMESTER  
BACHELOR OF SCIENCE  
SEP/OCT 2022

REGISTER NUMBER : YB193287

NAME : VIBHA K K

Sl.No	Subject/Paper	Theory/Practical		I.A/Viva/Record		Total		Credit	G.P	C.P	Remarks
		Max.	Sec.	Max.	Sec.	Max.	Sec.				
1	BOTANY TH DSE4	080	058	020	017	100	075	4.0	8.00	32.00	A
2	BOTANY PR DSE4	080	062	020	020	100	082	2.0	8.50	17.00	A
3	CHEMISTRY TH DSE4	080	053	020	020	100	073	4.0	7.50	30.00	B+
4	CHEMISTRY PR (DSE4)	080	075	020	019	100	094	2.0	9.50	19.00	A+
5	GEOLOGY TH DSE4	080	059	020	016	100	075	4.0	8.00	32.00	A
6	GEOLOGY PR DSE4	080	058	020	014	100	072	2.0	7.50	15.00	B+
7	DISASTER MANAGEMENT	080	073	020	015	100	088	2.0	9.00	18.00	A+
8	WATERSHED MANGEMENT.	080	078	020	018	100	096	2.0	10.00	20.00	O
CURRENT EXAM TOTAL						800	655	22.00		183.00	
PREVIOUS EXAM TOTAL						4200	3058	124.00		918.50	
GRAND TOTAL						5000	3713	146.00		1101.50	FIRST CLASS

Semester Grade Point Average(S.G.P.A) : 8.32  
Cumulative Grade Point Average(C.G.P.A) : 7.54  
Min to Pass: 30% in C1,C2 and C3 Component,40% in Subject



24161349919411

*Cancelled*

Date : 22/11/2022

Head of the Institution

Controller of Examination





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**MYSURU**



**YCO15757**



**OFFICIAL TRANSCRIPT**

**STATEMENT OF BACHELOR OF COMPUTER APPLICATION, CREDITS EARNED AND GRADES SCORED**

Register Number : YBC19301  
 Student's Name : ABDULHAMEED KHAMIS MOHAMED AL-JARADI

Month/Year of Admision : JUNE-20  
 Month/Year of Completion : SEP-20

SL. NO	COURSE TITLE	COURSE TYPE	COURSE PATTERN [L:T:P]	MAX MARKS	SEC MARKS	CREDITS (V)	GRADE (G)	GRADE POINT (V*G)	MONTH AND YEAR OF COMPLETION
1	ENGLISH								
2	ARABIC								
3	COMPUTER CONCEPTS AND C PROGRAMMING	AIECC	03:00:00	100	46	3.0	6.0	18.00	APR21
4	FUNDAMENTALS OF INFORMATION TECHNOLOGY	DSC1	04:00:00	100	62	3.0	6.5	19.50	OCT'19
5	DISCRETE TRANSFORMATION	DSC2	04:00:00	100	56	4.0	6.0	24.00	OCT'19
6	COMPUTER CONCEPTS AND C PROGRAMMING LAB	DSC3	04:02:00	100	70	6.0	7.5	45.00	OCT'19
7	FUNDAMENTALS OF INFORMATION TECHNOLOGY LAB	DSC1	00:00:02	100	64	2.0	6.5	13.00	OCT'19
8	ENVIRONMENTAL STUDIES	DSC2	00:00:02	100	64	2.0	6.5	13.00	OCT'19
9	ENGLISH	DSC	03:00:00	100	50	3.0	6.0	18.00	OCT'19
10	ARABIC	AIECC	03:00:00	100	55	3.0	6.0	18.00	SEP'21
11	DATA STRUCTURE AND FILE PROCESSING	AIECC	03:00:00	100	46	3.0	6.0	18.00	SEP'21
12	SYSTEM SOFTWARE AND OPERATING SYSTEM	DSE4	04:00:00	100	65	4.0	7.0	28.00	SEP'21
13	DIGITAL ELECTRONICS AND COMPUTER ORGANISATION	DSE5	04:00:00	100	53	4.0	6.0	24.00	SEP'21
14	DATA STRUCTURE AND FILE PROCESSING LAB	DSE6	04:02:00	100	68	6.0	7.0	42.00	SEP'21
15	DIGITAL ELECTRONICS LAB	DSE4	00:00:02	100	60	2.0	6.5	13.00	SEP'21
16	CONSTITUTION OF INDIA (AIECC)	DSE	00:00:03	100	62	3.0	6.5	19.50	SEP'21
17	ENGLISH	DSE	03:00:00	100	78	3.0	6.0	18.00	SEP'21
18	ARABIC	AIECC	03:00:00	100	46	3.0	6.0	18.00	APR'21
19	OBJECT ORIENTED PROGRAMMING WITH JAVA	AIECC	03:00:00	100	63	3.0	6.5	19.50	APR'21
20	OPERATION RESEARCH	DSC7	04:00:02	100	74	6.0	7.5	45.00	APR'21
21	ACCOUNTING	DSC8	04:02:00	100	61	6.0	6.5	39.00	APR'21
22	OBJECT ORIENTED PROGRAMMING LAB	DSC9	04:02:00	100	64	6.0	6.5	39.00	APR'21
23	ACCOUNTING LAB	DSC	00:00:03	100	66	3.0	10.0	30.00	APR'21
24	ENGLISH	DSC	00:00:03	100	68	3.0	10.0	30.00	APR'21
25	ARABIC	AIECC	03:00:00	100	64	3.0	6.5	19.50	SEP'21
26	DATA COMMUNICATION AND COMPUTER NETWORKS	AIECC	03:00:00	100	64	3.0	6.5	19.50	SEP'21
27	DATABASE MANAGEMENT SYSTEM	DSC12	04:02:00	100	81	6.0	6.5	39.00	SEP'21
28	NUMERICAL AND STATISTICAL ANALYSIS	DSC10	04:02:00	100	81	6.0	6.5	39.00	SEP'21
29	NUMERICAL AND STATISTICAL ANALYSIS LAB	DSC11	04:02:00	100	81	6.0	6.5	39.00	SEP'21
30	DBMS LAB	DSC	00:00:03	100	95	3.0	10.0	30.00	SEP'21
31	DATA MINING	DSC	00:00:03	100	95	3.0	10.0	30.00	SEP'21
32	PYTHON PROGRAMMING	DSE1	04:02:00	100	55	6.0	6.0	36.00	MAR 22
33	SOFTWARE ENGINEERING	DSE2	04:02:00	100	50	6.0	6.5	39.00	MAR 22
34	SEC1: FIREWALL MANAGEMENT	DSE3	04:02:00	100	20	6.0	6.5	39.00	MAR 22
35	SEC2: LINUX COMPUTING CONCEPTS	SEC	02:00:00	100	69	2.0	7.0	14.00	MAR 22
36	DATA MINING LAB	DSE	00:00:03	100	76	2.0	6.0	12.00	MAR 22
37	PYTHON PROGRAMMING LAB	DSE	00:00:03	100	97	3.0	10.0	30.00	MAR 22
38	WEB TECHNOLOGY	DSE	00:00:03	100	98	3.0	10.0	30.00	MAR 22
39	.NET PROGRAMMING	DSE4	04:00:02	100	57	6.0	6.0	36.00	SEP 22
40	NETWORK SECURITY	DSE5	04:00:02	100	62	6.0	6.5	39.00	SEP 22
41	FUNDAMENTALS OF INFORMATION SECURITY AND CYBER LAWS	DSE6	04:02:00	100	57	6.0	6.0	36.00	SEP 22
42	.NET PROGRAMMING LAB	SEC4	02:00:00	100	56	2.0	6.0	12.00	SEP 22
43	PROJECT WORK	DSE	00:00:02	100	98	2.0	10.0	20.00	SEP 22

**Total Credits Earned : 171.00** CourseType with Credits will be displayed here Cumulative Grade Point Average (CGPA) 7.61 Equivalent Percentage 76.10

**Final Grade Point (FGP) Numerical: 8 Qualitative Index :FIRST CLASS Max Marks : 4300 Sec Marks 3148 Marks Percentage :73.21**

Note: AIECC: Ability Enhancement Compulsory Course, DSC: Discipline Specific Course, SEC: Skill Enhancement Course, DSE: Discipline Specific Elective



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Date: 29/11/2022

Head of the Institution

Controller of Examination





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YC017297

PROVISIONAL GRADE CARD

FOURTH SEMESTER M.Sc IN PHYSICS(CBCS)

MAY 2018 EXAMINATION



REGISTER NUMBER : YPH110142

NAME : VINODKUMAR N

Sl.No	Subject/Paper	Credit Pattern	Credit	Grade	G.P					
1	QUANTUM MECHANICS - II (HC)	3:0:0	3.0	5.00	15.00					
2	NUCLEAR PHYSICS LAB - II (HC)	0:0:4	4.0	8.50	34.00					
3	SOLID STATE PHYSICS - 2 (SC)	3:0:0	3.0	5.00	15.00					
4	SOLID STATE PHYSICS - 3 (SC)	3:0:0	3.0	5.00	15.00					
5	ELECTRONICS (SC)	3:0:0	3.0	6.00	18.00					
6	SOLID STATE PHYSICS LAB - II (SC)	0:0:2	2.0	7.50	15.00					
Total Credits:18.0		C.G.P: 112.00		S.G.P.A: 6.22		C.G.P.A: 6.15				
95-100	90-94	85-89	80-84	75-79	70-74	65-69	60-64	50-59	40-49	30-39
10	9.5	9	8.5	8	7.5	7	6.5	6	5	4

Grade : In a scale of 0-10

COURSE COMPLETED IN MAR'19



27521

*Correct*

Date :

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YCO17218



OFFICIAL TRANSCRIPT  
STATEMENT OF M.Sc IN MATHEMATICS, CREDITS EARNED AND GRADES  
SCORED

Register no : YMA19333

Name : POOJA G

Month & Year of Admission : JUNE - 2019

Month & Year Of Completion : NOV 2021

Course	Course Type	L:T:P	MAX MARKS	SEC MARKS	Credits	Grade	Grade Points	Remarks
ALGEBRA - I (HC)	HC	3:1:0	100	97	4	10.0	40.00	OCT'19
REAL ANALYSIS - I (HC)	HC	3:1:0	100	70	4	7.5	30.00	OCT'19
REAL ANALYSIS - II (HC)	HC	3:1:0	100	93	4	9.5	38.00	OCT'19
COMPLEX ANALYSIS - I (HC)	HC	3:1:0	100	84	4	8.5	34.00	OCT'19
LINEAR ALGEBRA (SC)	SC	3:1:0	100	87	4	9.0	36.00	OCT'19
ALGEBRA - II (HC)	HC	3:1:0	100	94	4	9.5	38.00	OCT'19
REAL ANALYSIS - III (HC)	HC	3:1:0	100	92	4	9.5	38.00	SEP'20
COMPLEX ANALYSIS - II (HC)	HC	3:1:0	100	89	4	9.0	36.00	SEP'20
ORDINARY AND PARTIAL DIFFERENTIAL EQUATIONS (SC)	SC	3:1:0	100	94	4	9.5	38.00	SEP'20
GRAPH THEORY (SC)	SC	3:1:0	100	94	4	9.5	38.00	SEP'20
ELEMENTS OF FUNCTIONAL ANALYSIS (HC)	HC	3:1:0	100	94	4	9.5	38.00	SEP'20
TOPOLOGY - I (HC)	HC	3:1:0	100	77	4	8.0	32.00	APR'21
COMMUTATIVE ALGEBRA (SC)	SC	3:1:0	100	68	4	7.0	28.00	APR'21
THEORY OF NUMBERS (SC)	SC	3:1:0	100	77	4	8.0	32.00	APR'21
ENVIRONMENTAL SCIENCE (OE)	OE	3:1:0	100	82	4	8.5	34.00	APR'21
MEASURE AND INTEGRATION (HC)	HC	3:1:0	100	72	4	7.5	30.00	APR'21
TOPOLOGY - II (HC)	HC	3:1:0	100	47	4	5.0	20.00	NOV 21
ADVANCED GRAPH THEORY (SC)	SC	3:1:0	100	66	4	7.0	28.00	SEP'21
THEORY OF PARTITIONS (SC)	SC	3:1:0	100	78	4	8.0	32.00	SEP'21
			100	79	4	8.0	32.00	SEP'21

Total Credits : 076.0 (HC:44 SC:28 OE:4)

C.G.P : 634.0

C.G.P.A : 8.34

Equivalent Percentage : 83.4

Final Grade Point (FGP): Numerical: 9

Qualitative Index: DISTINCTION MAX Marks:1900 SEC Marks:1540

Note: AECC: Ability Enhancement Compulsory Course, DSC: Discipline Specific Course, SEC: Skill Enhancement Course, DSE: Discipline Specific Elective

*Considered*

Date : 10/01/2023

Head of the Institution

Controller of Examination

## **Conclusive Remarks :**

Attainment of programme outcomes and course outcomes are evaluated by the institution is done based on Continuous evaluation process and Semester end examination. The output given by examination section is subjected to statistical analysis. It is done based on C1+C2+C3 examination output processed in the Examination section using Examination software. Highest attainment is 84.11% and lowest is 56.87% is seen when all programs are considered.

HEI has shown appreciable attainment as evidenced by the selection of students to various internships, higher education in reputed institutes of our country such as Indian Institute of Science, Bangalore, CCMB, Hyderabad and abroad such as Alabama University, USA, MaxPlank Institute, Germany etc. . Students with good attainment also got selected in competitive examinations and good placements also. Thus the alumni of this HEI have made all of us feel proud.

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