# St. Joseph's Degree & PG College

King Koti, Hyderabad

# **ANNUAL REPORT**

2022-23



## **DEPARTMENT OF COMPUTER SCIENCE**

**Head of Department** 

Mrs.M.Kiran Jyothi

**Principal** 

Rev. Fr. Dr. D. Sunder Reddy

**Prepared By:** 

Mrs Swathi C

**Assistant Professor** 

**Department of Computer Science** 

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#### ST. JOSEPH'S DEGREE & PG COLLEGE

Autonomous, Affiliated to Osmania University Re-accredited by NAAC with 'B++' Grade with a CGPA of 2.86

### About St. Joseph's College



St. Joseph's Degree & PG College, a leading name in the field of higher education, has earned several top prestigious rankings and 'A' grade by NAAC for its "Distinctive educational environment", which pays a shared focus on developing social and ethical values among the students, while equipping them with right knowledge and skills to meet the dynamics of the global market. One of the most prestigious affiliates of Osmania University, the college has deployed the academic flexibility of its Autonomous status to package a unique educational program that is framed in collaboration with top notch academicians and industry experts to embrace the emerging trends in academics and industry. Apart from this several value add-on modules – certificate courses, life skills and job skills ensure that there is wholesome learning designed to empower and nurture leaders of the future

#### **About Department of Computer Science**

Faculty of Science was established since the inception of the college in 1997 with avision to inculcate scientific temperament and futuristic thinking in students, by providing them with extensive and diverse knowledge in the mathematical sciences, and to conduct cutting-edge research in the mathematical sciences. St. Joseph's college is consistently ranked among the top 3 Science Colleges in the twin cities of Hyderabad. The Department offers Under Graduate programmes which are innovatively designed and updated to keep pace with global trends in academics and industry. The Department emphasizes on experiential learning through various innovative methodologies which include industrial visits, seminars, workshops, guest lectures, exhibitions, mini projects for the holistic development of the students.

Our laboratories also reflect the unique dichotomy of our curricula with general-purpose ones for core subjects and several specialized ones such as Data Analytics lab, Software Engineering Lab, SPSS Lab, Microprocessor & Micro Controller Lab, Digital & Analog Lab. Physics and Optics Lab. Access to such laboratories is provided to students and faculty on all working days.

A variety of extra-curricular activities brings science undergraduates together, too. We have Computer Club, Math Club and Science Club working actively since years to build the gap between the technology innovation and learning perspective.

The strengths of the Departments are its quality faculty, innovative and flexible curricula with their unique focus on post-graduate education and employability. state-of-the-art facilities with remarkably high and open transparent policies that foster a healthy student-faculty interaction.

#### **VISION**

To groom the students into world class Computer Professionals.

#### **MISSION**

- To impart quality computer education to enhance logical computing and programming skills.
- To implement innovative techniques and processes in teaching learning and evaluation.
- ➤ To further creativity and pursuit of excellence in computer applications.
- To sensitize a culture of trust, fairness, tolerance and positive orientation.
- ➤ To build life skills through value-based education and service-oriented programme.

## Achievements/Ranking of the Department

- > 65<sup>th</sup> Best Science College in India by "India Today"- MHRD Survey, June 2023.
- > 3<sup>rd</sup> Best Science College in Hyderabad city "India Today"- MHRD Survey –June 2023
- > 3rd Best Science College in Hyderabad City "India Today" MHRD Survey June 2022
- > 3<sup>rd</sup> Best Science College in Hyderabad by "Group-MDRA Survey", 2021.
- > 3<sup>rd</sup> Best Science College in Hyderabad City by "India Today, Nielsen Survey", May 2020.
- > 68<sup>th</sup> Best Science College in India by "India Today, Nielsen Survey", May 2020.
- > 49th BEST SCIENCE College in India by "The Week-Hansa Research Survey", June 2019.
- > 5<sup>th</sup> Top Emerging College of this Century in India by "India Today, Nielsen Survey", 18th May 2019.
- > 3rd among the BEST SCIENCE Colleges in Hyderabad city by "India Today, Nielsen Survey", 18th May 2019.
- > 49<sup>th</sup> Best Science College in India by "India Today, Nielsen Survey", May 2018.
- > 3<sup>rd</sup> Best Science College in Hyderabad City by "India Today, Nielsen Survey" May 2018.
- > 39<sup>th</sup> Best Science College in India by "India Today, Nielsen Survey", May 2017.
- > Ranked **3rd Best Science College** by **India Today** in 2017-18.

## Details of Faculty- Qualifications & Experience

S.No	Name	Qualifications	Designation	Experience
1	Mrs. M. Kiran Jyothi	MCA, MBA	Associate Professor – Head of Department	20
2	Mrs.T.EstherRatna	M.Sc, M.Phil	Assistant Professor & Dean - Student Affairs	18

3	Mr.S.Srikanth	MCA	Assistant Professor	9
4	Mrs.C.Swathi	MCA, M.Tech	Assistant Professor	9
5	Mr. K.Sundeep	MS (IS)	Assistant Professor	14
6	Mrs. SumayyahFatima	MCA,B.Ed	Assistant Professor	9
7	Mr.M.Sai Rama Krishna	M.Sc.,M.Tech	Assistant Professor	14
8	Mrs. Irfana Fatima	M.Sc., B.Ed	Assistant Professor	16
9	Mr. Venugopal	MSc., M.Phil.	Assistant Professor	16
10	Mrs. S. Lavanya	MCA, M.Tech	Assistant Professor	24
11	Mr.B. Raju	M.Sc. (IT), PGD-MISCA	Assistant Professor	18
		Computer Lab	Staff	
12	Mr. Aloysius	Diploma	Network Administrator	16
13	Mr.Kumar	MBA	Network Administrator	2
14	Mr. Bala Krishna	MCA, LLB	Network Administrator	18

# Faculty Workload

# ODD SEMESTER – I , III, V

S.No	Name of the faculty	Subjects Allotted	Class	Hrs	Total Workload
		Programing with C++	B.Sc. MSCs – Sem 1	6	
1.	Mrs.M.Kiran Jyothi	AECC – Basic Computer Skills	B.Sc.	3	9
2.	Mrs.T.EstherRatna	DBMS	B.Com – Computers Sem – 3 Section C	6	12
2.	Wits. 1. Estilet Ratila	DBMS	B.Com – Computers Sem – 3 Section D	6	12
3	3. Mr.S.Srikanth	Cognos Insight	B.Com – Computers Sem 5 (C&D)	6	23
3.		AECC – Basic Computer Skills	B.Com – IT Sem 1	3	23

		Python Programming	B.Com – IT Sem 5	6	
		DBMS	B.Com – IT Sem 3	6	
		Projects	B.Com – Computers Sem 5 (C&D)	2	
		RDBMS	BSc. MSCs Sem - 3	6	
		OS	B.Sc.Sem - 5	5	
4.	Mrs.C.Swathi	HTML Programming	MSCs Sem - 3	2	21
		RDBMS	B.Sc.MPCs, MECS – Sem 3	6	
		Projects	BSc. Sem 5	2	
		AWS (SEC)	BBA – IT Sem 5	3	
		R Programming (SEC)	BBA - IT Sem 3	3	
5.	Mr.K.Sundeep	R Programming (SEC)	BBA – BA Sem 3	3	18
		Python Programming	BBA – IT Sem 5	6	
		AECC (SEC)	BA – JPE, MCJ Sem 1	3	
		Elements of Information Technology	B.Com – I IT Sem 1	6	
6	6. Mrs.Sumayyah Fatima	Fundamentals of Information Technology	B.Com – Computers Sem 1 (Sec C)	6	21
0.		Fundamentals of Digital Marketing	B.Com – Honors Sem 3	6	21
		AECC- Basic Computer Skills	B.Com – Computers Sem 1 (Sec D)	3	
		Software Engineering	B.Sc – MPCs,MECs – Sem 5	5	
7.	Mr.M.Sai Rama Krishna	Software Engineering	MSCs – Sem 5	5	17
7.	Krisiiia	C++	B.Sc. – I MPCs &MECsSem - 1	5	17
		HTML (SEC)	MPCs	2	
		Programming in JAVA	BBA – IT Sem 5	6	
	Mrs. Irfana Fatima	DBMS	BBA – IT Sem 3	6	
8	Timb. Iriana ratina	Elements of Information Technology	BBA – IT Sem 1	6	24
		Elements of Information Technology	BBA – BA Sem 1	6	
		JAVA Programming	B.Com IT – Sem 5	6	
	Mr. Venugopal	Data Analytics using "R"	B.Com IT – Sem 3	6	21
9	· onugopui	Python Programming	B.Com Computers – Sem 5 C & D	6	
		AECC – Basic Computer Skills	B.Com – Sem 1 (Sec C)	3	

		EIT	BBA – FM Sem 1	6	
10	Mrs. S. Lavanya	EIT	BBA – Gen Sem 1	6	21
10		Programing with C++	BBA – IT Sem 1	6	21
		Machine Learning (Sec)	BBA – BA Sem 5	3	
		Fundamentals of Information Technology	B.Com – Computers Sem1 (Sec D)	6	
		AECC- Basic Computer Skills	B.Com – General A Sem1	3	
11	Ma Dain	AECC- Basic Computer Skills	B.Com – General B Sem1	3	21
11	11 Mr. Raju	AECC- Basic Computer Skills	B.Com - Professionals	3	21
		AECC- Basic Computer Skills	B.Com - Honors	3	
		AECC- Basic Computer Skills	B.Com - IFA	3	

# Even Semester – II, IV, VI

S.No	Name of the faculty	Subjects Allotted	Class	Hrs	Total Workload
1.	Mrs.M.Kiran Jyothi	Computer Networks	B.Sc III A & B Sem-VI	5+5	10
		E-Commerce	B.Com(Computers) –C & D Sem -VI	6	
2.	Mrs.T.EstherRatna	Web Technologies	B.Com(Computers) –C & D Sem -IV	6+6	12
		Advanced Excel	BBA(IT) Sem -II	6	
		Web Technologies	BBA(IT) Sem - IV	6	
2	3. Mr.S.Srikanth	Data Mining	BBA(BA) Sem - IV	3	25
3.		Data Warehousing & Mining	BBA(IT) Sem - VI	6	25
		Project	BBA(IT) Sem -VI	2	
		Project(Technical Support)	BBA(BA) Sem -VI	2	
	Web Technologies		B.Sc III A & B Sem-VI	6	
4.	4. Mrs.C.Swathi	Java Programming	B.Sc IIA / IIB Sem -IV	6+6	19
		Project	B.Sc. III A & B Sem-VI	2	
5.	Mr.K.Sundeep	.Net Programming	B.Com(IT) Sem -VI	6	23

		Business Decision using Spreadsheet	B.Com(IT) Sem -II	6	
		AWS	BBA(IT) Sem - IV	3	
		.Net Programming	BBA(IT) Sem -VI	6	
		Project	B.Com(IT) Sem -VI	2	
		Data Structures	B.Sc IA / IB Sem - II	6+6	
7	Mr.M.Sai Rama	Software Engineering	B.Com(IT) Sem -IV	6	17
7.	Krishna	Data Analytics using 'R'	B.Sc. III A & B Sem-VI	5+5	17
		Project	B.Sc. III A & B Sem-VI	2	
		Python Programming	B.Com(IT) Sem - II	6	
9	Mr. Venugopal	.Net Programming	B.Com(Computers) –C & D Sem VI	6	20
9		Data Warehousing & Mining	B.Com(IT) Sem - VI	6	20
		Project	B.Com(IT) Sem - VI	2	
		Software Engineering	BBA(IT) Sem -IV	6	
10	10 Mrs. S. Lavanya	RDBMS with DB2	BBA(BA) Sem -II	6	21
10		Python Programming BBA(IT	BBA(IT) Sem -II	6	21
		Project	BBA(IT) Sem -VI	2	
11	Mr. Raju	Programming in C++	B.Com(Computers) – IC & 1D Sem II	6+6	18
		Web Technologies	B.Com(IT) –Sem IV	6	

# Faculty Roles & Responsibilities in the Department

S. No	Lecturer in-charge	Responsibilities
1	Mrs. Kiran Jyothi - HoD, Sciences.	<ul> <li>Criterion I In - Charge</li> <li>Design of Curriculum and Syllabi</li> <li>Prepare &amp; Monitor academic activities</li> <li>Subject allotment</li> <li>Preparation of Time table, Annual planner</li> <li>Time-table Monitoring</li> <li>Organizing Guest Lectures, Seminars &amp; workshops</li> <li>Staff Punctuality, Ethics, Permissions, &amp; Work status report</li> <li>Curriculum Feedback Administering &amp; Analysis In-</li> </ul>

		charge
		➤ Dean – Student Affairs
		> IQAC Coordinator
		> NAAC Coordinator
2	Mrs. T. Esther Ratna	➤ Criterion VI In - Charge
		Coordinated IQAC, Academic Council, Governing
		Body, Finance Committee Meetings
		➤ Governing Body Member - Faculty Representation
		➤ Criteria – IV in-charge
		➤ B.Com program coordinator
3	Mr.S. Srikanth	> NPTEL SPOC
		<ul> <li>CSI (Computer Society of India) member</li> </ul>
		> Sports committee member
		➤ Website committee convenor
		<ul><li>Criteria II member</li></ul>
		➤ B.Sc. program coordinator
		<ul> <li>Powerbytes club coordinator</li> </ul>
		Class in-charge for B.Sc. II Year,MPCs
		Mentor for students of B.Sc.
4	Mrs.C.Swathi	<ul> <li>Discipline committee</li> </ul>
		Exam committee
		Project coordinator
		➤ Anti ragging committee member
		<ul> <li>Discipline committee member</li> </ul>
		<ul><li>Sexual harassment committee member</li></ul>
		> Student grievance redressal committee
		► BBA program coordinator
5	Mr. V. Sundaan	➤ BBA –IT project coordinator
3	Mr. K.Sundeep	Admission committee member
		Centre for employability & corporate relations
		committee member
		Preparing semester report
6	Mrs. Sumayyah Fatima	Preparing annual report  Mantan for students of P. Com Commutars Sam. 1
U	Wils. Sumayyan Fatima	➤ Mentor for students of B.Com Computers Sem – 1
		(Sec-D)
		<ul><li>Centre for social responsibility</li><li>Criteria VI member</li></ul>
7	Mr.M.Sai Rama Krishna	<ul><li>College E-Governance committee convenor</li><li>National symposium coordinator</li></ul>
,		<ul><li>National symposium coordinator</li><li>Bridge course coordinator</li></ul>
		Remedial classes coordinator
	N 16 F	
8	Mrs. Irfana Fatima	<ul><li>Equal opportunity cell</li><li>SC/ST/OBC cell member</li></ul>
		Women Empowerment cell member
		women Empowerment cen member

		➤ Mentor for BBA – Gen Sem 3
		<ul> <li>Media Coordination committee</li> </ul>
		➤ Library committee member
9	Mr. Venugopal	<ul><li>Criteria III member</li></ul>
		Powerbytes club convenor
		➤ College E-Governance committee member
		<ul><li>Criteria VII member</li></ul>
		<ul><li>Powerbytes club coordinator</li></ul>
		➤ IIC cell member
		➤ Anti ragging committee member
10	Mrs. Lavanya Reddy	<ul> <li>Discipline committee member</li> </ul>
		➤ Entrepreneurship development cell
		<ul> <li>Media coordination committee</li> </ul>
		➤ Mentor for BBA – FM Sem 3
		➤ BBA – IT projects mentor

# Departmental Contribution to Examination Branch

S. No	Name of the Faculty	Contribution to the Exam Branch
		Paper Setter
		Evaluation of Scripts
		Moderation
1	Mrs. M. Kiran Jyothi	Re-evaluation of Scripts
		Tabulation
		Result Analysis of respective Subjects &
		Class
		Paper Setter
		Supervision
	Mrs.T.EstherRatna	> Observer
2		Squad
		Evaluation of Scripts
		Re-evaluation of Scripts
		Result Analysis of respective Subjects
		Moderation
		Invigilation
3	Mr.S.Srikanth	Paper Setter
3	WII.S.SIRantii	Evaluation of Scripts
		Re-evaluation of Scripts
		Result Analysis of respective Subjects
		Exam Committee member
4	Mrs.C.Swathi	Paper Setter
7	Wis.C.5 watiii	Moderation
		> Scrutiny

		Evaluation of Scripts
		Re-evaluation of Scripts
		Result Analysis of respective Subjects
		Evaluation of Scripts
		➤ Invigilation
5	Mr. K.Sundeep	Paper Setter
		Re-evaluation of Scripts
		Result Analysis of respective Subjects
		Evaluation of Scripts
6	Mrs. Sumayyah Fatima	Invigilation
		Result Analysis of respective Subjects
		Evaluation of Scripts
7	Mr. M.Sai Rama Krishna	Invigilation
		Result Analysis of respective Subjects
		Evaluation of Scripts
8	Mrs. Irfana Fatima	Invigilation
		Result Analysis of respective Subjects
		Evaluation of Scripts
9	Mr. Venugopal	Invigilation
		Result Analysis of respective Subjects
		Evaluation of Scripts
10	Mrs. S.Lavanya Reddy	Invigilation
		Result Analysis of respective Subjects
		Evaluation of Scripts
11	Mr. Raju	> Invigilation
		Result Analysis of respective Subjects
		-

## **Faculty Achievements**

- 1. Mrs. M. Kiran Jyothi successfully completed **SWAYAM NPTEL** course on "Python Programming with Data Sciences" in June October, 2022
- 2. Mr. Venugopal successfully completed SWAYAM NPTEL course on "Data Structures and Algorithms use Java" in June October, 2022.
- 3. Mr. Sai Ramakrishna successfully completed SWAYAM NPTEL course on "Cloud Computing" in June October, 2022
- 4. Mrs Swathi C Published paper on "A Novel Machine Learning Framework for Agricutural Productivity using Mutivalues Datasets" with ISSN:2349-5162 in Journal of Emerging Technologies and innovation Research (JEITR)
- 5. Mrs Lavanya Reddy S Published paper on "A Novel Machine Learning Framework for Agricutural Productivity using Mutivalues Datasets "with ISSN:2349-5162 in Journal of Emerging Technologies and innovation Research (JEITR)

- **6.** Mrs Lavanya Reddy S Published paper on "**A Review of Cloud Computing for the Evolution of the E-Learning Process**" with **ISSN :2319-7064** in International Journal of Science and Technology (IJSR)
- 7. Mrs Lavanya Reddy S Published paper on "A Novel Machine Learning Framework for Agricutural Productivity using Mutivalues Datasets" with ISSN:2349-5162 in Journal of Emerging Technologies and innovation Research (JEITR)
- 8. Mrs Kiran Jyothi published paper on "Data Mining and warehousing as a Decision Support System in the Modern world" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- 9. Mrs Esther Ratna published paper on "Blended Learning in Higher Educational Institutions and industry revolution 4.0: Challenges and Perception" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- 10. Mr Sunkara Srikanth published paper on "Data Mining and warehousing as a Decision Support System in the Modern world" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- 11. Mrs. M Sunitha published paper on "Data Mining and warehousing as a Decision Support System in the Modern world" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- 12. Mr Sundeep Kadamandla published paper on "Data Mining and warehousing as a Decision Support System in the Modern world" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- 13. Mr Sairama Krishna published paper on "Resisting the pandemic and saving the economy for using the wireless communication Technology covid 19" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3.
- 14. Mrs Summaya Fathima published paper on "Resisting the pandemic and saving the economy for using the wireless communication Technology covid 19" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- 15. Dr Baby Munirathinam published paper on "Resisting the pandemic and saving the economy for using the wireless communication Technology covid 19" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.
- **16.** Mr Sairama Krishna published paper on "Resisting the pandemic and saving the economy for using the wireless communication Technology covid 19" in the National Conference COVIDONOMICS: Economic Resilience Amidst Covid with ISBN: 978-93-5693-473-3 conducted by St. josephs Degree and PG College.

- 17. Mrs. Lavanya S Published book on "A guide to Conversational AI ChatGPT" with ISBN:9798889752240
- 18. Mr. Sai Ramakrishna, Assistant Professor published a book chapter on "METAVERSE"
- 19. Mrs. Lavanya S, Assistant Professor published a book chapter on "Artificial Intelligence to enhance Robotics"
- **20.** Mr. S Srikanth, Assistant Professor published a book chapter on "Computational Intelligence"
- 21. Mrs. Swathi C, Assistant Professor published a book chapter on "BigData in Cloud Computing"
- 22. Mr. K Sundeep, Assistant Professor published a book chapter on "Micro Services" with
- 23. Mrs. Irfana Fathima, Assistant Professor published a book chapter on "Cyber security and its importance in todays era of Digital World"

### Almanac - I, III & V Semesters



#### ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B<sup>++</sup> King Koti Road, Hyderabad

Academic Year: 2022-2023

S. No.	Details	Date,Month&Year
1	Commencement of Semester Classes for II <sup>nd</sup> & III <sup>rd</sup> Years	11 <sup>th</sup> July 2022
2	Commencement of ISemester Classes for Ist Year	17 <sup>th</sup> August 2022
3	Continuous Assessment Internal-I Examination for II <sup>nd</sup> & III <sup>rd</sup> Years	1 <sup>th</sup> Sept - 5 <sup>th</sup> Sept 2022
4	Continuous Assessment Internal-I Examination for I <sup>st</sup> Years	26 <sup>th</sup> Sept – 30 <sup>th</sup> Sept 2022
5	Dussehra Holidays	3 <sup>rd</sup> Oct - 8 <sup>th</sup> Oct 2022
6	Examination Notification	1stNov2022
7	Continuous Assessment Internal-II Examination	14 <sup>th</sup> Nov– 17 <sup>th</sup> Nov 2022
8	Internal Practical Examinations for II <sup>nd</sup> & III <sup>rd</sup> Years	7 <sup>th</sup> Nov – 12 <sup>th</sup> Nov 2022
9	Internal Practical Examinations for Ist Year	19th Nov-22nd Nov2022
10	<b>Submission of Examination Forms</b>	
	a. Without Late Fee	7 <sup>th</sup> Nov – 12 <sup>th</sup> Nov 2022

	b. With Late Fee	14 <sup>th</sup> Nov–17 <sup>th</sup> Nov 2022
11	External Practical Examinations for II <sup>nd</sup> & III <sup>rd</sup> Years	23 <sup>rd</sup> Nov – 30 <sup>th</sup> Nov 2022
12	Last Teaching/Instruction Day	1st Dec 2022
13	Preparation Holidays	2 <sup>nd</sup> Dec- 4 <sup>th</sup> Dec 2022
14	External Practical Examinations for Ist Years	5 <sup>th</sup> Dec-7 <sup>th</sup> Dec 2022
15	Odd Semester Theory Exams	$8^{th}Dec - 23^{rd}Dec 2022$
16	Christmas Holidays	24 <sup>th</sup> Dec 2022– 1 <sup>st</sup> January2023
17	College Re-open for EvenSemester	2 <sup>nd</sup> January 2023

## Almanac - II, IV & VI Semesters



#### ST. JOSEPH'SDEGREE& PGCOLLEGE

(Autonomous), Affiliated to Osmania University Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ King Koti Road, Hyderabad

### Combined Tentative Almanac for Under Graduate (UG) Academic Year2022–2023

### EvenSemester-II, IV&VI

S.No.	Details	Date,Month&Year
1.	Commencement of II, IV & VI Semester Classes	2 <sup>nd</sup> January, 2023
2.	Continuous Assessment Internal - IExamination	6 <sup>th</sup> February–9 <sup>th</sup> February2023
3.	Examination Notification	1st March2023
4.	Continuous Assessment Internal-II Examination	15 <sup>th</sup> March 2023 to18 <sup>th</sup> March 2023
5.	Internal Practical Examinations	20 <sup>th</sup> March 2023 – 24 <sup>th</sup> March 2023
6.	SubmissionofExaminationForms	
	A. Without Late Fee	20 <sup>th</sup> March 2023 – 25 <sup>th</sup> March 2023
	B. With late Fee	27 <sup>th</sup> March to 29 <sup>th</sup> March 2023
7.	Last day of Instruction	25 <sup>th</sup> March2023
8.	Preparation Holidays	28 <sup>th</sup> March to 31 <sup>th</sup> March 2023
9.	Commencement of End Semester Examinations (Theory &Practical's)	1stApril 2023
10	College Re-open for AcademicYear2023	12 <sup>th</sup> June 2023

# Time Table - I, III, V Sem

## Monday

	8.30-9.20	9.20- 10.10	10.10-11.00		11.30-12.20	12.20-1.10	1:10-2:00	2:00- 2:50
IIIA (MPCS/ MECS)	E6/P6 (Padmashri / Ashok)	C5 (Sai Rama Krishna)	E5/P5 (Ashok /Sravan)		M5 (DSR / Sathyanarayan a)	M6 (Harika/ Sathyanarayan a)	C6 (Kiran Jyothi /Swathi)	Project/ Remedia
IIIB (MSCs)	S5 (Vijayalaxm i)	M5 (DSR)	S6 (Vijayalaxmi )		C5 (Sai Rama Krishna)	M6 (Harika/ Sathyanarayan a)	C6 (Kiran Jyothi /Swathi)	M5 (DSR)
IIA (MPCS/ MECS)	M3 (Harika)	C3 (Swathi)	SEC (Sai Rama Krishna)	B R E A	Eng (Saritha)	E3/P3-Practicals (Ashok/Sravan)		Remedia 1 M3
IIB (MSCs)	Eng (RanaAnju m)	M3 (Harika)	C3 (Swathi)	K	SEC (Swathi)	S3-Practicals (Vijayalaxmi)		Remedia 1 C3
IA (MPCS/ MECS)	M1 (DSR)	E1/P1 (Padmashr i / Sravan)	S.L		Eng (Praveen)	M1 (DSR)	C1 (SaiRama Krishna)	
IB (MSCs)	C1 Pra (Kiran .		S.L		S1 (Vijayalaxmi)	Eng (RanaAnjum)	M1 (Sathyanara yana)	

## Tuesday

	8.30-9.20	9.20-10.10	10.10- 11.00		11.30-12.20	12.20- 1.10	1:10-2:00	2:00- 2:50	
IIIA (MPCS/ MECS)	C5 (Sai Rama Krishna)	M5 (DSR/Sathy anarayana)	E5/P5 (Ashok/ Sravan)		C6 (Kiran Jyothi /Swathi)		E6/P6-Practicals (Padmashri/ Ashok)		
IIIB (MSCs)	S6 (Vijayalaxmi )	C5 (Sai Rama Krishna)	M5 (DSR)	B R	C6 (Kiran Jyothi /Swathi)	S5-F (Vija	M6 (Harika/ Sathyana rayana)		
IIA (MPCS/ MECS)	E3/P3 (Ashok /Sravan)	C3-Pract (Swath		E A K	M3 (Harika)	S.L	Eng (Saritha)	Remedial P3/E3	
IIB (MSCs)	M3 (Harika)	S3 (Vijayalaxm i)	M3 (Harika		Eng (RanaAnjum)	S.L	C3 (Swathi)	Remedial S3	
IA (MPCS/ MECS)	M1 (DSR)	E1/P1 (Padmashri/ Sravan)	S.L		M1 (DSR)	Eng (Praveen)	C1 (Sai Rama Krishna)		

IB (MSCs)	M1 (Sathyanaray ana)	Eng (RanaAnju m)	S.L	S1	C1 (Kiran Jyothi)	M1 (Sathyanaraya na)	

## Wednesday

	8.30- 9.20	9.20-10.10	10.10- 11.00		11.30-12.20	12.20-1.10	1:10- 2:00	2:00- 2:50
IIIA (MPCS/ MECS)	E6/P6 (Padmas hri/ Ashok)	M5 (DSR/Sathya narayana)	C5 (Sai Rama Krishna)		M6 (Harika/ Sathyanarayan a)		E5/P5-Practicals (Ashok/Sravan)	
IIIB (MSCs)		Practicals ma Krishna)	S6 (Vijayalax mi)		M6 (Harika/ Sathyanarayan a)	SEC (Vijayalax mi)	M5 (DSR)	Project/ Remedi al
IIA (MPCS/ MECS)	Eng (Saritha)	M3 (Harika)	M3 (Harika)	B R E	E3/P3 (Ashok / Sravan)	SEC (Sai Rama Krishna)	C3 (Swathi)	
IIB (MSCs)	S3 (Vijaya laxmi)		C3-Practicals (Swathi)			Eng (Rana Anjum)	M3 (Harika)	
IA (MPCS/ MECS)	Eng (Praveen	E1/P1 (Padmashri / Sravan)	S.L		C1 (Sai Rama Krishna)	M1 (DSR)	AECC (LAB) (Sai rama Krishna)	
IB (MSCs)	AECC(L AB) (kiranjyo thi)	M1 (Sathyanaray ana)	S.L		S1	C1 (Kiran Jyothi)	Eng (Rana Anjum)	

### Thursday

	8.30-9.20	9.20- 10.10	10.10- 11.00		11.30-12.20	12.20-1.10	1:10-2:00	2:00- 2:50
IIIA (MPCS/ MECS)	E5/P5 (Ashok/ Sravan)	M6 (Harika/ Sathyanar ayana)	E6/P6 (Padmashr i/ Ashok)	D	SEC (Ashok / Sravan)	M5 (DSR/ satyanaraya na )	C6-Practicals (Kiran Jyothi / Swathi)	
IIIB (MSCs)	S5 (Vijayalaxmi)	M6 (Harika/ Sathyanar ayana)	SEC (Vijayalax mi)	B R E A	(DSR)	C5 (Sai Rama Krishna)	C6-Practi (Kiran Jyo Swathi	othi /
IIA (MPCS/ MECS)	Eng (Saritha)	E3/P3 (Ashok/Sr avan)	C3 (Swathi)	K	M3 (Harika)	SL	M3 (Harika)	
IIB (MSCs)	M3 (Harika)	Eng (RanaAnj	M3 (Harika)		C3 (Swathi)	SL	S3 (Vijayalax	

		um)				mi)	
IA (MPCS/ MECS)	C1 Pract (Sai Rama I		Eng (Praveen)	AECC(T) ( Sai Rama Krishna)	E1/P1 (padmashri / Sravan)	M1 (DSR)	
IB (MSCs)	M1 (Sathyanaraya na)	C1 (Kiran Jyothi)	M1 (Sathyanar ayana)	S1-Prace	ticals	Eng (Rana Anjum)	

## Friday

	8.30-9.20	9.20- 10.10	10.10-11.00		11.30- 12.20	12.20- 1.10	1:10-2:00	2:00-2:50
IIIA (MPCS / MECS)	SEC (Ashok / Sravan)	M5 (DSR/Sat hyanaraya na)	M6 (Harika/ Sathyanarayan a)		C6 (Kiran Jyothi / Swathi)	C5-Practi (Sai Ram	ical a Krishna)	M5 (DSR/Sath yanarayana )
IIIB (MSCs)	S6-Practical (Vijayalaxmi)		M6 (Harika/ Sathyanarayan a)		C6 (Kiran Jyothi /Swathi)	M5 (DSR)	S5 (Vijayalax mi)	Project/ Remedial
IIA (MPCS / MECS)	Eng (Saritha)	E3/P3 (Ashok /Sravan)	C3 (Swathi)	B R E	M3 (Harika)	SL	Mentoring	
IIB (MSCs)	M3 (Harika)	C3 (Swathi)	S3 (Vijayalaxmi)	A K	Eng (Rana Anjum)	SL	Mentoring	
IA (MPCS / MECS)	C1 (Sai Rama Krishna)	English (Praveen)	AECC(LAB) (Sai Rama Krishna)		E1/P1-Practicals (Padmashri / Sravan)		M1 (DSR)	
IB (MSCs)	C1 (KiranJyothi)	Eng (Rana Anjum)	AECC(LAB) (Kiran Jyothi)		M1 (Sathyan arayana)	S1	AECC(T) (Kiran Jyothi)	

Note: 1. Remedial classes / Slip tests for Second & Final years will be conducted on every  $1^{st}\ and$  / or  $3^{rd}\ Saturday$  .

2. Mentoring class for First & Final years will be conducted on every  $1^{\text{st}}\text{and}$  / or  $3^{\text{rd}}\text{Saturday}.$ 

# Time Table- II, IV, VI Semester

## Monday

	8.30-9.20	9.20-10.10	10.10- 11.00		11.30-12.20	12.20-1.10	1:10-2:00	2:00- 2:50
IIIA (MPCS)	M7 (DSR)	P7 (Sravan)	G0		Mo	M7 (DSR)	C7 (Kiran	
IIIA (MECS)	E8 (Johnson)	M7 (DSR)	C8 (Swathi/ Sai Rama Krishna)	(Swathi/ Sai Rama	M8 (Harika/ Sathyanara	E7 (Ashok)	Jyothi)	Project
IIIB (MSCs)	S7 (Vijayalax mi)	Project		yana)	C7 (Kiran Jyothi)	S8 (Mallika)		
IIA (MPCS/ MECS)	M4 (Harika)	Eng (Saritha)	SEC (Vijayalax mi)	R E A K	E4/P4 (Johnson/Sravan)		C4 (Sai RamaKrish na)	
IIB (MSCs)		C4 naKrishna)	M4 (Harika)	K	S4 (Vijayalaxmi )	Eng (Rana Anjum)	Remedial M4	
IA (MPCS/ MECS)	E2/P2 (Ashok/Sra van)	M2 (Sathyanaraya na)	S.L		Eng (Praveen)	M2 (Sathyanaraya na)	C2 (Swathi)	
IB (MSCs)	M2 (Sathyanar ayana)	S2 (Mallika)	S.L		(S	C2 wathi)	Eng (Rana Anjum)	

### Tuesday

	8.30-9.20	9.20-10.10	10.10- 11.00		11.30-12.20	12.20-1.10	1:10-2:00	2:00- 2:50
IIIA (MPCS)		C7	P7 (Sravan)		P8 (Johnson)	M7 (DSR)	<b>G</b> 0	
IIIA (MECS)	M8 (Harika/ Sathyanar ayana)	(Kiran Jyothi)	M7 (DSR)		M7 (DSR)	E7 (Ashok)	C8 (Swathi/ Sai Rama	Project
IIIB (MSCs)		Project	S7 (Vijayala xmi)	В		C7 Jyothi)	Krishna)	
IIA (MPCS/ MECS)	Eng (Saritha)	C4 (SaiRama Krishna)-Lab		R E A K	S.L	E4/P4 (Johnson/Sra van)	M4 (Harika)	
IIB (MSCs)	S4 (Vijayala xmi)	SEC (Sathyanar ayana)	M4 (Harika)		S.L	C4 (Sai Rama Krishna)	Eng (Rana Anjum)	
IA (MPCS/ MECS)	E2/P2 (Ashok/S ravan)	Eng (Praveen)	S.L		C2 (Swathi)	M2 (Sathyanaray ana)	E2/P2 (Ashok/Srav an)	
IB (MSCs)	Eng (Rana	S2 (Mallika)	S.L		M2 (Sathyanara	C2 (Swathi)	M2 (Sathyanaray	

Anjum)		yana)	ana)	

## Wednesday

	8.30- 9.20	9.20-10.10	10.10- 11.00		11.30- 12.20	12.20-1.10	1:10-2:00	2:00- 2:50
IIIA (MPCS)	P8 (Johnson	C7-Lab				P7 ravan)	M8	M7 (DSR)
IIIA (MECS)	M7 (DSR)	(Kiran Jyothi)  S7 –Lab II (Vijayalaxmi)				E8 hnson)	(Harika/ Sathyanaraya na)	Remedi al
IIIB (MSCs)	C7 (Kiran Jyothi)				M7 (DSR)	M7 (DSR)	nay	S8 (Mallika )
IIA (MPCS/ MECS)	SEC (Vijayala xmi)	M4 (Johnso n/ Sravan)		B R E A	Eng (Saritha)	C (Sai Rama		
IIB (MSCs)	C4 (Sai Rama Krishna)	SEC (Sathyanaraya na)	M4 (Harika	K	S4 (Vijayalax mi)	M4 (Harika)	Eng (Rana Anjum)	Mentori ng
IA (MPCS/ MECS)	Eng (Praveen	E2/P2 (Ashok/Srava n)	S.L		C2 (Swathi)	M2 (Sathyanaraya na)	Remedial C2	
IB (MSCs)	M2 (Sathyan arayana)	C2 (Swathi)	S.L		S2 (Mallika)	Eng (Rana Anjum)	Remedial S2	

## Thursday

	8.30-9.20	9.20- 10.10	10.10-11.00		11.30-12.20	12.20-1.10	1:10-2:00	2:00-2:50
IIIA (MPCS)	M7 (DSR)	C7 (Kiran Jyothi)	M8	B R E	C8 (Swathi/ Sai Rama Krishna)	P8 (Johns	Remedial	
IIIA (MECS)	E8 (Johnson)		(Harika/ Sathyanaraya na)			E7 (Ash	Remedial	
IIIB (MSCs)	S7 (Vijayalaxm i)	M7 (DSR)				S8 (Mall	M7 (DSR)	
IIA (MPCS/ MECS)	M4 (Harika)	E4/P4 (Johnso n/ Sravan)	C4 (Sai Rama Krishna)	A K	S.L	Eng (Saritha)	C4- Remedial (Sai Rama Krishna)	
IIB (MSCs)	C4 (Sai Rama Krishna)		- Lab I yalaxmi)		S.L	Eng (Rana Anjum)	M4 (Harika)	
IA	M2	C2	2 –Lab 2		E2/P2	M2	Eng	

(MPCS	/ (Sathyanara	(5	Swathi)	(Ashok/Srava	(Sathyanaraya	(Praveen)	
MECS)	yana)			n)	na)		
IB (MSCs)	S2 (Mallika)	Eng (Rana Anjum)	S2 (Mallika)	M2 (Sathyanaray ana)	C2 (Swathi)	M2 (Sathyana rayana)	

## Friday

	8.30-9.20	9.20-10.10	10.10- 11.00		11.3 12.2		12.20- 1.10	1:10- 2:00	2:00-2:50
IIIA (MPC S)	P7 (Sravan)	M8	M7 (DSR)		P8 (Johns			10	
IIIA (MEC S)	E7 (Ashok)	(Harika/ Sathyanaraya na)	E8 (Johnson)		M' (DS)		(Sw Sai I	28 athi/ Rama Jhna)	M7 (DSR)
IIIB (MSCs	M7 (DSR)		C7 (Kiran Jyothi)		S8 (Mall:				S7 (Vijayalax mi)
IIA (MPC S/ MECS	M4 (Harika)	E4/P4 (Johnson/ Sravan)	C4 (Sai Rama Krishna)	B R E A	S.I		M4 (Harika)	Eng (Saritha)	
IIB (MSCs	C4 (Sai Rama Krishna)	Eng (Rana Anjum)	S4 (Vijayalax mi)	K	S.I	Ĺ	S4 (Vijayal axmi)	M4 (Harika)	
IA (MPC S/ MECS	M2 (Sathyanaraya na)	C2 (Swathi)	Eng (Praveen)		(As	E2/P shok/S	ravan)	Mentori ng	
IB (MSCs	Eng (Rana Anjum)	S2 (Mall			C2 (Swa thi)	(Sath	M2 nyanaraya na)	Mentori ng	



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#### DEPARTMENT OF COMPUTER SCIENCE

#### **ACADEMIC YEAR 2022 - 2023**

#### BRIDGE COURSE REPORT

The Department of Computer Science organized a bridge course for I Year (Batch: 2022-2025) students on **Basics of Computer Skills**. The Bridge course session started on 12<sup>th</sup> September to 16 <sup>th</sup> September-2022 at 2:00 pm. The students who scored less than 50% on the diagnostic test and those who were missing from the test were given preference for this session in the bridge course.

Mrs.M.KiranJyothi, HoD of Computer Science began the session with the introduction to the Bridge Course and significance of it. The module was prepared for 5 days and the Session has been taken by Mr.M.Sai Ramakrishna in the Room No: 306. On September 16, 2022, a Google form has been created by Mr.M.Sai Ramakrishna and Mrs. Swathi, a final online exam was administered.

#### Outcome:

At the end of the Bridge Course, it is evident that most of the students who attended the Bridge Course classes have gained the knowledge and skills of basic concepts of Computer Skills.



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# Department of Computer Science

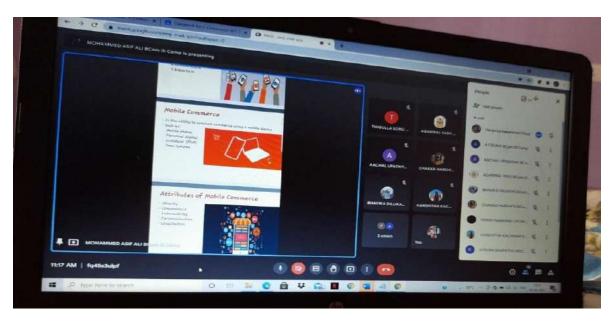
BCom(IT/Computers) & B.Sc(MPCs/MECs/MSCs)

200	lo. ROLL NUMBER	STUDENT NAME	CLASS	Previous score	After Bridge course
1	121422405002 A	THE REAL PROPERTY.	B.Com IT		1 - 4-E-3/2015
2		akarsh Chowfin	B.Com IT	9	20
3		kshay Jain	B.Com IT	11 - 10	18
4	121422405007 A	. Uday bhaskar	B.Com IT	10	17
5		yesha Soha Ali	B.Com IT	10	20
6	104 100	rnold Joseph	B.Com IT	11-16-88	22
7		ramod	B.Com IT	Central 11 1 1991	16
8		izampure Neha	B.Com IT	8	25
9		Udayan	B.Com IT	8 1 8	22
10		amsha alham	B.Com IT	10 - 10	19
11		reya thakur	B.Com IT	A 2 2 2 11 2 2 2 2 2	21
12		ruthi upadhyay	B.Com IT	0.00 11 tages	20
13		Ananya	B.Com IT	7.000	23
14		ırga Toshniwal	B.Com IT	120000111000000	19
15		raj paul	B.Com IT	breman 8 ar police	18
		ba Nooreen	B.Com IT	10	20
16	Ma	iliha Arham	Bcom IT		18
17	1.0	B.Co	m (Computers)	Marine Marine	Yest HARRING ROLL IN
17		Ram prasad	B.Com IC	100 Per 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	21
18		HUL GATTOJI	B.Com IC	Emr. 7 Tuens	19
19		hore	B.Com IC	9	17
20		Murari	B.Com IC	7	22
21		hav sharma	B.Com IC	9	21
22		DDHE KARTHIK	B.Com IC	9	18
23		ndia Fatima	B.Com IC	11	22
24		ka steeven stalin	B.Com IC	8	19
25	121422402034 Roh.		B.Com IC	9	18
26		kur Miheer Singh	B.Com IC	5	17
27	121422402061 Ades	2016	B. Com ID	11 10.5	20
28	121422402066 Rohi		B. Com ID	10	ab
29		eer wadekar	B. Com ID	7	17
10	, 2 , ,	avid John	B. Com ID	11	ab
	120 1 12000	RahulReddy	B. Com ID	6	18
	· ·	pally Shravani	B. Com ID	10	20
3		iun Agarwal	B. Com ID	9	17
4	12112	sh singh	B. Com ID	9	ab
5		ala Deepak Kumar	B. Com ID	9	19
5 1		an kumawat	B. Com ID	11	18
-	121422402098 Shann	mukh	B. Com ID	8	10

#### Links of small Websites created by Students using WIX.com and Google sites(E-Commerce):

- 1. <a href="https://sites.google.com/view/121418402054/home?authuser=0">https://sites.google.com/view/121418402054/home?authuser=0</a>
- 2. <a href="https://namdariniketh9.wixsite.com/fashionhub">https://namdariniketh9.wixsite.com/fashionhub</a>
- 3. https://121418402023.wixsite.com/my-site
- 4. https://sites.google.com/josephscollege.ac.in/musicofhearts/home
- 5. https://harshitbhati30.wixsite.com/vlook
- 6. https://thedelimit.com/
- 7. https://121418402060.wixsite.com/website-1
- 8. http://wix.to/pUBTCB4?ref=2\_cl
- 9. https://iamamithpatel.wixsite.com/madewithlove
- 10. https://nithinreddy5894.wixsite.com/breakhouse
- 11. <a href="https://karanrajput912.wixsite.com/website">https://karanrajput912.wixsite.com/website</a>
- 12. https://121418402047.wixsite.com/my-site
- 13. https://shaikabdulkhalid359.wixsite.com/freshlookoptical
- 14. https://abhisheksingh5819.wixsite.com/mysite-3
- 15. <a href="https://celinaanthony24.wixsite.com/mysite">https://celinaanthony24.wixsite.com/mysite</a>

#### **Student Seminars Proofs:**





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## Orientation Program for BSc-II Year Academic Year:2021-22

**Date** : 24<sup>nd</sup> Aug, 2021

Venue : Online Mode, Google meet

**Target Group** : B.Sc. -II Year.

Organized by : Department of Science

#### **Objective of the Event:**

- To orient the students on Google Classroom and Google Meet.
- To orient the students about Programme Outcomes & Programme Specific Outcomes.
- To orient the students about the rules and regulations of the college and Do's & Dont's while attending the online classes.

**Resource Persons:** Mrs. M kiran Jyothi, Mr. D Srinivas Reddy, Mr. M.L.N. Rao, Mrs.M. Sunitha, Mrs. Harika, and Mr. Ashok, MrsV.Shailaja

#### Report:

On 24<sup>nd</sup> August 2021, an Orientation Programme was organized by Department of Sciences to orient the B.Sc. II & III year students on PO's and PSO's, Google Meet and Google Classroom and oriented the students about the rule

## Guest Lectures/ Seminars/ Workshops organized

## **Project Orientation Program**

**Date** : 5<sup>th</sup> Oct 2021

**Venue** : Room No: 502 and 508.

**Time** : 10:10 AM – 11:00 AM.

**Target Group** : BSC - III Year.

Organized by : Department of Computer Science.

**Faculty Coordinators** : 1. Mrs M Kiran Jyothi

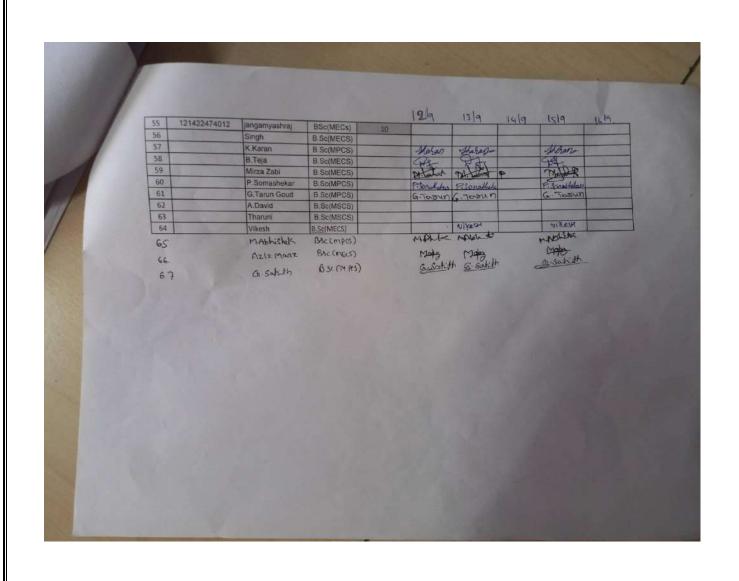
2. Mrs V Shailaja

#### Report

The orientation session conducted on 5<sup>th</sup> Oct, 2021 and is about academic projects and guidelines towards successful completion for final year B.Sc Students.

The orientation session was started by Mrs. M Kiranjyothi, HoD and Mrs V Shailaja, Project Coordinator from the department of Computer Science with the importance of academic projects, SDLC Phases, Technology selection and domain selection.

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24	121422402030	stalin	B.Com IC	8	7.				
25	121422402034	Rohan	B.Com IC	9					
26	121422402046	Singh	B.Com IC	5					
27	121422402061	Adesh	B. Com ID	11 5%					
28	121422402066	Rohith	B. Com ID	10					
29	121422402067	Balveer wadekar	B. Com ID	7					
30	121422402073	A. David John	B. Com ID	11		1			
31	121422402077	GadeRahulReddy	B. Com ID	6					
32	121422402078	Shravani	B. Com ID	10					
33	121422402080	Gungun Agarwal	B. Com ID	9					
34	121422402085	Kailash singh	B. Com ID	9					
35	121422402093	Kumar	B. Com ID	9				1	
36	121422402094	Lakhan kumawat	B. Com ID	11					
37	121422402098	Shanmukh	B. Com ID	8				_	
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39	121422402104	pranay	B. Com ID	10					1
40	121422402105	N.VIVEK	B. Com ID	8					1
41	121422402106	P.shruthika	B. Com ID	9	9				1
42	121422402107	Pranay shukla	B. Com ID	11					1
43	121422402110	Sandeep Vora	B. Com ID	9	H				
44	121422402112	Shivam sharma	B. Com ID	11					Duran and William
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50	121422467034	Katapally Abhinav	BSc(MSCs)	7		Abhira			-
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52	121422468029	Bhavana	BSc(MPCs)	11	Bhavan	Rhaum	Blauna	Flam	-
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# DEPARTMENT OF COMPUTER SCIENCE Hands-on Session on Machine Learning & Deep Learning

Date : 20-12-2022 Venue : 3<sup>rd</sup> Floor Lab

Time : 9: 30 PM - 4:00 PM

Target Group : Faculty - Dept. of Computer Science
Organized by : Department of Computer Science.

Resource Person : DR. D. L. Srinivasa Reddy

#### Report:

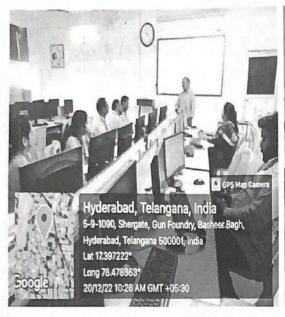
Topic: Machine Learning & Deep Learning

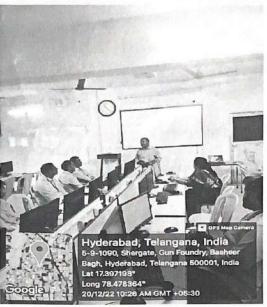
Resource Person: - DR. D. L. Srinivasa Reddy

On 20th Decemner,2022 the resource person DR. D. L. Srinivasa Reddy, Associate Professor, CBIT, an expert in Machine Learning & Deep Learning, gave a detailed insight artificial systems. He explained the initial Setup of the Environment, types of Learning, Simple and efficient tools for predictive data analysis, Importance of Algorithms in ML & DL.

As companies continue to adopt artificial intelligence (Al) and machine learning technologies, it is crucial for Teachers to stay up-to-date with the latest developments in the field. The Sessions were interactive with hands-on training for importing datasets from sklearn, using alias name for the columns, use of SNA.head, lloc, replace, DataWrangling.

The resource person gave an elaborate understanding of when to use linear-regression and nonlinear regression, the use of Bias Value etc.





HOD Mrs Kiran Jyothi



Principal
Fr. Dr. D. Sunder Reddy

Principal
ST. JOSEPH'S DEGREE & P.G. COLLEGE
King Koti Road, HYDERABAD-29



#### ST. JOSEPH'S DEGREE & PGCOLLEGE

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#### DEPARTMENT OF COMPUTER SCIENCE

#### **Professional Development on Collaborative Tools (FDP)**

**Date** : 6- 15 September, 2022

**Venue** : 3<sup>rd</sup> Floor Lab

**Time** : 2: 30 PM -4:00 PM

**Target Group**: Faculty – Dept. of Computer Science & Faculty handling 1st Year

**BCS** Paper

Organized by : Department of Computer Science.

**Resource Persons** : 1. Mr S. Srikanth

2. Mr. K.Sundeep



Report:

**Day 1** : 6<sup>th</sup> September, 2022

**Topic** : Google DOCS **Resource Person** : Mr. S.Srikanth

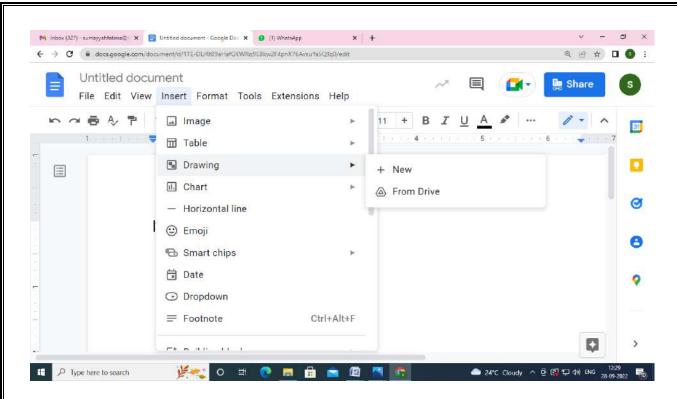
On 6<sup>th</sup> September, 2022 the resource person Mr. S.Srikanth, Asst. Professor, Dept of Computer Science gave a detailed insight to the Google Suite. He explained the differences between the applications of Microsoft Office and Google Docs. Google Docs has many additional features like smart chips, activity dashboard, side panel, templates, watermarks, annotation, trimming a video etc.

The faculty was given an elaborate understanding of why to precede with Google Docs rather that MS Word.

The features that were discussed on day 1 were adding text after @, adding annotations, making use of drawing tool in Insert Menu.

Adding watermarks to create presentable docs and also to give the documents a pleasant look.





Every session was followed by practical hands –on sessions and doubt clarification was done then and there.

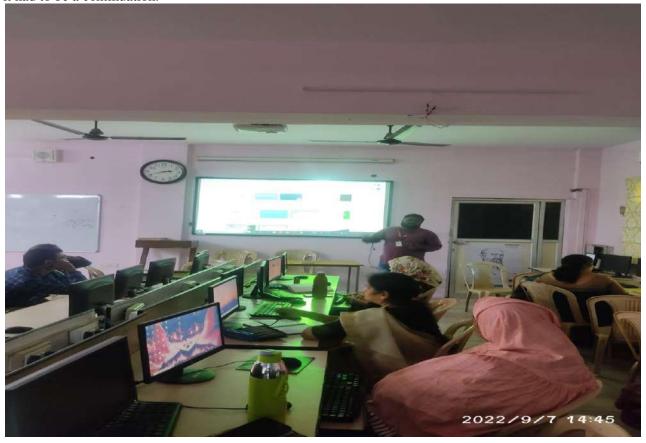


**Day 2** – 7 September, 2022

**Topic** : Add-ons & Autocrat

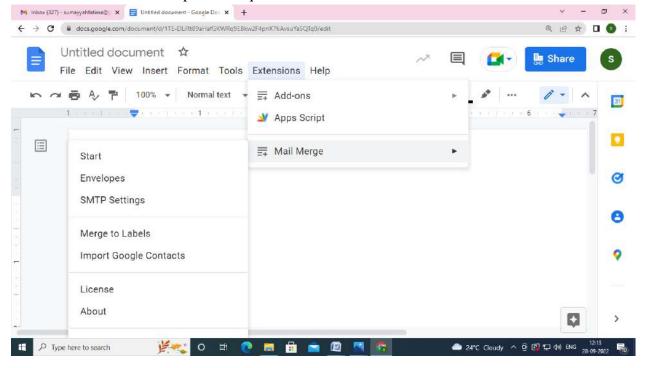
**Resource Person** : Mr. K. Sundeep

Mr. K.Sundeep, Asst. Professor, Dept. of Computer Science, started the session with a review of previous session as it had to be a continuation.



He explained about one of the most used feature "Mail – Merge" since till date, it is termed as one of the important feature of MS Word.

Mail Merge in Google Docs is found in Extensions menu options under Add-ons where we have to install different add-ons as per our requirement.

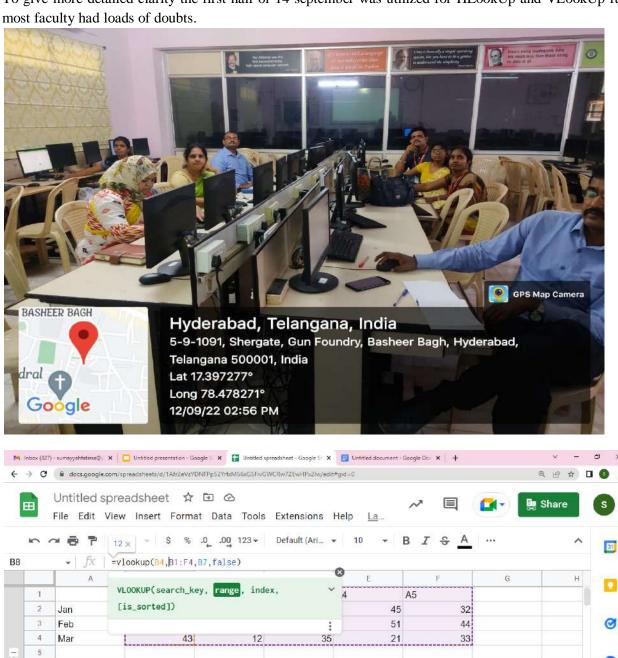


#### **Day 3** – 12 September, 2022

**Topic** : Google Sheets

**Resource Person** : Mr. S.Srikanth

Day 3, was a functional day with Google Sheets, and loads of functions that can be done in these Sheets ranging from graphs, conditional formatting and the most important and widely used Hlook Up and VlookUP functions. To give more detailed clarity the first half of 14 september was utilized for HLookUp and VLookUp functions as most faculty had loads of doubts.



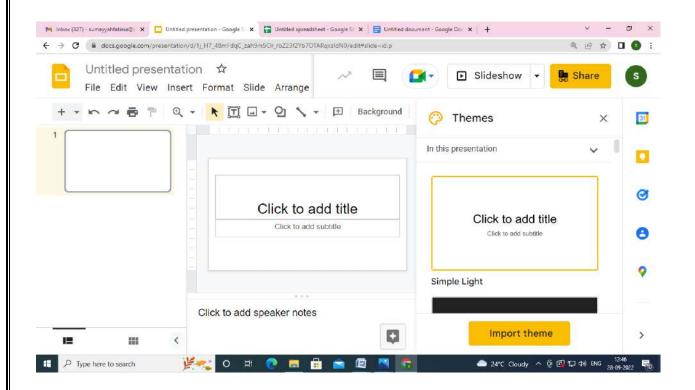
#### **Day 4** – 14 September, 2022

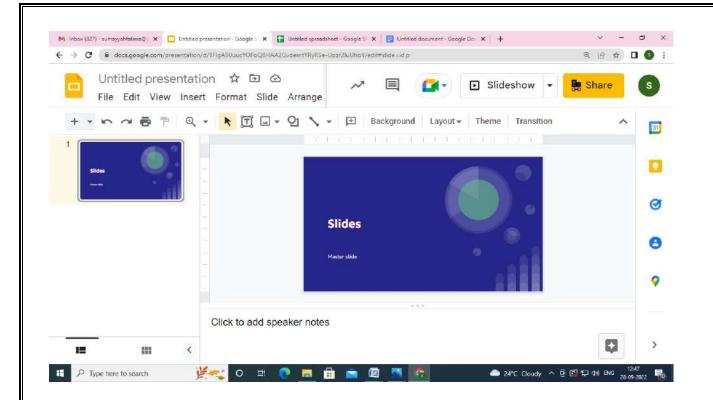
**Topic: Presentation Tools** - Google Slides

**Resource Person** - Mr.K. Sundeep

Presentation tools is one of the most captivating and motivating application. In Slides as they are referred to in Google Suite, it's a whole treasure of menu options which entice the user in creating beautiful presentations. The different menu options had a variety stored in them to explore which kept the faculty bound to their systems for long.







Day 5 – 15 September

#### **Hands-on or Practice& Doubt clarification**

Conclusion – The faculty practiced and got their doubts clarified on Google Suite and its applications.





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## **Tech Talk on Testing**

Date : 27<sup>th</sup> October, 2022

**Venue** : Chapel Hall

**Target Group** : All UG Students

**Faculty Coordinator**: Mrs. Swathi C

#### **Report:**

For all the technical aspirants, the **Power Bytes Club-Department of Computer Science** organized a technical discussion on testing. **Mr. Syed Shah RahmathAlam**, a MSCsII Year student in the B.Sc. programme, made a presentation on the topic of testing. He provided in-depth views upon several types of testing methodologies, their benefits, and the necessity of testing in the development of software. Students from many academic disciplines took part in the activity and learned about various testing methodologies and the value of testing. Mr. Sayad Adnan Osman Ali, a B.Sc. II Year MSCs student, organized the event and served as MC.

#### **Outcome:**

- Students were aware of the significance of testing and the tools used
- Students were made aware about different types of Testing.
- Students learned about employment prospects in the testing industry.



# DEPARTMENT OF COMPUTER SCIENCE POWERBYTES CLUB

~ For the Techies, By the Techies ~

#### **SOFTWARE TESTING**

Interested in technological domain? Come join us!!!

TUESDAY 1st NOV 2022 1:00 PM













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King Koti Road, Hyderabad

#### Power Bytes Club Tech Talk

Date: 1st November 2022

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5	Ishika Jain	121422408028	BBA -IT	Elika.
6.	PrapHil Agamaas	121122408018	BBA - IT	Tropolis
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### **PowerBytesClub**

## **Technical Quiz**

**Date** : 7<sup>th</sup> November,2022

**Venue** : BBAextendedcampus, Computer Lab

Target Group : All BBAStudents

**Coordinators** : Mr.A. Venugopal

Mrs.S.LavanyaReddy

Mrs.C.Swathi

#### **Report:**

The Power Bytes group of the Department of Computer Science held a on November 7, 2022, for all interested parties in technology. Theevent had up to 60 students from various streams. In the first round of the quiz, participants were evaluated on the fundamentals of Computer Science, and in the second, they had to provide an answer to a logical question. The students felt that the The quiz was interesting and gave them a worth while learning experience. Students Safia, Manzoor and Srivatsava from BBA (IT) IIIyr organized the event.

#### **Outcome:**

- Students were significantly educated about the interview'stechnical questions.
- Students were skilled in answering logical programming language question

#### WinnersList

FirstPrize : Namanjain ,Mohd Affif Urrahman BBA(IT) I YEAR

SecondPrize : Krishna Srivatsava BBA(IT) I YEAR

**ThirdPrize** :B apeksha BBA(IT) I YEAR









ABIDS, HYDERABAD





Fr. Dr. D SUNDER REDDY

# POWER BYTES CLUB ORGANIZES

COMPUTER LITERACY WEEK



**A CAMPAIGN DRIVE ON** 

IMPORTANCE OF TECHNOLOGY IN REAL WORLD

CO-ORDINATOR

Mrs. S LAVANYA REDDY

25 NOVEMBER | 12.20 PM

STUDENT CO-ORDINATOR

KRISHNA SHARMA (BBA-IT)

VENUE- GOVT PRIMARY SCHOOL,
CHOWDINANMIYA, HIMAYATH NAGAR
MANDAL, HYDERABAD

HOD

Mrs. M KIRAN JYOTHI







#### DEPARTMENT OF COMPUTER SCIENCE

**Awareness Programmme** 

Safe Internet Browsing | Social Media Presence

Date: 25 November, 2022

Venue: Govt. Primary School, Chowdinanamiya Himayathnagar Mandal, Kachiguda.

FACULTY COORDINATOR: MRS LAVANYA | HOD: MRS KIRAN JYOTHI

STUDENT CO-ORDINATORS: SAFIA K, DHRUV MODI, MD KALEEM, SRI VATHSAVA



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### **PowerBytes Club**

#### Awareness Drive to Government School

Date : 25<sup>th</sup> November 2022

Venue : Govt. Primary School, Chowdinanamiya,

Himayat Nagar Mandal, Kachiguda.

**Target Group** : Primary students of the Government School

**FacultyCoordinators**: Mrs S. LavanyaReddy

**Studentcoordinators**: Safia (Vice-President-Power BytesClub)

Dhruv Modi (Joint Secretary- Power BytesClub)

Mohammed Abdul Kaleem (Social Media Member)

#### **Report:**

The PowerBytes club of the Department of Computer Science organized an Awareness Drive about the Basics of Computing in the Real World, Safe InternetBrowsing and Social Media Presence on November 25, 2022, for all the primaryschool students of Government Primary School, Chowdinanamiya, Kachiguda. Theevent had up to 60 students from the school. Through the different stages of theawareness program, the students of Power Bytes Club educated the children on the basis of computing. They started with what computer is and how inputs and outputs work. In the second stage, they madethe students aware of the safety threats they might see on the Internet and howthey can avoid the same. The third round involved a quiz on all that had beentaught to the students. Those that answered said questions correctly were given aprize right away. The overall winners were taken to the fourth stage where theyhad the chance to operate a laptop for recreational activities, which helped them understand computers better and incited their interest further more.









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Ref: SJC/CS/03-11-2022/51

Dt: 03/11/2022

#### DEPARTMENT OF COMPUTER SCIENCE

#### NOTICE

This is to inform all the First Year Students that Department of Computer Science is organizing the technical exhibition "Informatique Exhib - 2022" to showcase your novelties in latest technologies of Information Technology, Software Applications, Network Working Models.

We invite our first year students of B.A, BBA,B.Com & B.Sc to bring forward their proposals in the form of working models, charts & presentations to be presented on Wednesday i.e. 09th November,2022 from 09:30 AM in Joseph's Hall.

Interested students can register on or before Sunday 6th November,2022 using the shared link.

#### Precept:

- 1. Each team can have minimum 1 and maximum 3 participants.
- 2. The best 3 teams selected will be awarded.
- 3. All the participants will receive a participation certificate.
- 4. And a team adjudged the best by the audience will receive a special award.

All the required resources for the model or presentation and other demonstrations have to be carried by the participants.

Conveners: 1. Mr. S. Srikanth

2. Mrs. Sumayyah

Hall

Principal



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# "Informatique Exhib" - 2022

#### A Computer Fair

#### **Report**

Venue : Joseph's Hall

Date : 9<sup>th</sup> November, 2022

**Time** : 09:30 AM - 03:00 PM

Organized by : Department of Computer Science

**Faculty Coordinators** : Mr. S.Srikanth, Asst.Prof, Dept. of Computer Science.

Mrs. Sumayyah, Asst.Prof, Dept. of Computer Science.

**Target Group**: I Year UG Students of B.Sc. (M.P.Cs/M.E.Cs/M.S.Cs),

B. Com(Comp), B. Com (IT), B. Com(Prof),

BBA(IT),BBA(Business Analytics).

#### **Event Report:**

Department of Computer science organized the 13<sup>th</sup> "Informatique Exhib-2021"- A Computer Fair on Wednesday 09th November,2022, where I Year students of various streams participated in the event with their innovational thoughts put in the form of models and Application.

The event was inaugurated by Dr. Fr. D. Sunder Reddy - Principal, St. Josephs's Degree and PG College in collaboration with Mrs. M. Kiran Jyothi - HoD of Computer Science and Mrs. T. Esther Ratna – Dean, Student Affairs. The session began with the prayer song by Anna Domini - the college choir followed by welcoming the dignitaries Dr.Fr. D. Sunder Reddy – Principal, St. Josephs's Degree and PG College, and Mrs. Kiran Jyothi, HoD of Computer Science on to the dais. Dr.Fr. D Sunder Reddy -

Principal, addressed the gathering and appreciated the participants and encouraged them to come up with their new ideas in developing the application and ensured them that Department and college will guide them in giving a shape to their thoughts technically and getting them patents. Principal also appreciated the Dept. of Computer Science for conducting such an event. Mrs. M. Kiran Jyothi - HoD of Computer Science quoted that this event enhances the student's knowledge beyond the curriculum and gives exposure to latest happenings in the field of computer science.

This was also the time when the logo of computer science club "The Powerbytes Club" was also launched with the tag line "Involve, Innovate & Inspire". The club existed since long but the position bearers were not appointed. Now, the club has a structure with a setting where all the position holders have their own roles and responsibilities.

13 Teams from various streams participated in the event. All I, II & III year UG students from all streams visited the event during their scheduled time and interacted positively and showed their curiosity and enthusiasm to learn more about the exhibits. The staff of all departments visited and appreciated the event. The event kiosk (Live Streaming) is played in the college LED Screen.

In the valedictory session, Mrs. Sumayyah, Asst. Professor, Dept. of Computer Science welcomed Mrs. Kiran Jyothi HoD, Department of Computer Science to give away prizes to the winners.

The teams were adjudged by:

➤ Mrs. M. Kiran Jyothi – Head, Department of Computer Science,

Participants were given a participation certificate and the winners were awarded a mementoes and certificates.

### Following are the topics in which the exhibits were presented

Team	Innovative Idea	Participants	Program	Software /Technology Used
1.	Travey	Sambhav Jain	BBA General	Travey App
2	SaveACY	<ul><li>Krishna Sharma</li><li>GreeshmaKacham</li><li>Bhargav Teja</li></ul>	BBA - IT	Python Programming
3.	SPORTVERZION	<ul><li>Yashodhar Agarwal</li><li>LakshyaBanthia</li><li>Tirth Shah</li></ul>	BBA - FM	
4.	Internet of Things	<ul><li>Bujji Neha</li><li>John Brayden</li><li>Mohd Abdul Jabbar</li></ul>	B.Com IT	Smart Car /Auto car
5.	Advanced Irrigation System	<ul><li>S.Parameshwari</li><li>R.Sowmya</li></ul>	B.Sc. MSCs	
6.	Cybercrime Phishing	<ul><li>Rishabh</li><li>Reethika</li><li>Abhishree</li></ul>	B.Com IT	
7.	ADS 1.0 (Alcohol Detection & Engine Locking System)	<ul><li>Comaleshwarampet Anish</li><li>Tharuni Maria</li><li>Anand Patil</li></ul>	B.Sc. MSCs	LCD Screen
8.	Artificial Assistant	<ul><li>Abdullah Arshad</li><li>Mohammed Abrar</li></ul>	B.Com Professionals	Python
9.	Door security alarm project	<ul><li>Ati Aravind</li><li>TaranigantiBheshajaBrunda</li><li>SardaarSathbeer Singh</li></ul>	B.Sc. MSCs	WeMos D1 mini wifi
10.	Hologram (Magic vision)	<ul><li>G.Tejaswini</li><li>V.S. Ananya</li></ul>	B.Com Computers	Optical screen, a black box and a glass top
11.	AI in Robots	<ul><li>B.Durga Devi</li><li>Sania Fatima</li></ul>	B.Com Computers	Battery, Geared DC Motor
12.	The crypto currency	<ul><li>Clarina Phillips</li><li>G.Shravani</li><li>Gungun Agarwal</li></ul>	B.Com Computers	Digital assets
13.	Wireless security system	<ul><li> Marisetti Sai Charan</li><li> Pigili Siddhartha Yadav</li><li> Gorla Sudheer Yadav</li></ul>	BSc MECs	Pyroelectric Infrared motion sensor

13.	Wireless security system
	1

- Marisetti Sai Charan
- Pigili Siddhartha Yadav Gorla Sudheer Yadav

BSc. - MECs

Pyroelectric Infrared motion sensor

# Winners List:

Prize	Name of the Participant	Exhib Topic	Program
1	Abdullah Arshad     Mohammed Abrar	Artificial Assistant	B.Com Professionals
п	C.Anish Tharuni Maria AnandPatil	ADS 1.0 (Alcohol detection)	B.Sc. MSCs
m	Tejaswini	Hologram (magic vision)	B.Com Computers
Best Model	Krishna Sharma     GreeshmaKacham     BhargavTeja	SAVEACY	BBA - IT
Best Concept	Marisetti Sai Charan Pigili Siddhartha Yadav Gorla Sudheer Yadav	Wireless security system	B.Sc MECs
Consolation (Audience Feedback)	Yashodhar Agarwal     LakshyaBanthia     Tirth Shah	SPORTVERZION	BBA - FM

#### Feedback:

A Feedback was taken from the audience. The parameters emphasized on the objective of the fair and a choice was given to vote for the best team.

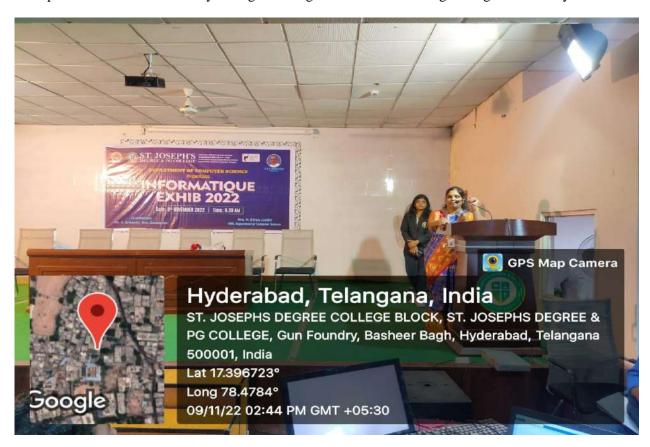
- A very good response and the students have learned the concept practically.
- The students requested for many more such activities.

HoD





Principal Fr. Dr. D. Sunder Reddy during the inauguration after launching the logo of Powerbytes club.



HoD, Mrs.M.Kiran Jyothi welcoming the participants and the newly elected Powerbytes coordinators.





Parents visiting the exhibition



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**Parent Teacher Meet** 

**B.Sc (MPCs)-II Year** 

Academic Year: 2022-23

Name of the activity: Parent-Teacher Meeting

: 22<sup>nd</sup> November 2022 **Date** 

**Class In-charge** : Mrs. Swathi C

Class/Section : B. Sc III Year (MECs) Semester V

#### **Objective:**

The objective of this meeting is to communicate with parents about their wards academic and extracurricular performance during the academic year, their children's attendance rate, and to get their perspectives on the college.

#### **Report:**

Parent teacher meet is scheduled from 9:00 am to 12:00 PM. The Class In- charge Mrs. C Swathi interacted with the parent on attendance percentage, Classroom behavior of the student and academic performance through internal I mark. Feedback about the college in terms of curriculum, infrastructure etc., are collected from the parent.

Number of parents present: 11

Total Number of students: 20

#### **Suggestions/Feedback from Parents:**

1. Parents were happy with the various events conducted by the college for their wards overall development.

2. Parents were satisfied with the curriculum designed for the program.

#### Outcome of the activity:

Suggestions and feedback given by the parents was shared to management for further improvement







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Report on Parent Teacher Meet BSC [MECS] -III Year Academic Year:2022-23

Date : 22<sup>nd</sup> November 2022

Class Incharge : Mr M. SaiRama Krishna

Class/Section : B. Sc III Year (MECs) Semester V

**Objective of the Meeting**: The main aim of the meeting is to interact with parents about their ward's performance in the academic year and also to gather suggestions/feedback about working of college.

**About the activity**: The meeting was organized in the college campus. Meeting started around at 9:00AM and continued till 12.30PM. The attendance percentage and internal I Marks were also shared with parents and also interacted with parents

Number of parents present: 27 Total Number of students: 40

#### **Suggestions/Feedback from Parents:**

- 1. Parents appreciated the management for providing quality education for their wards.
- 2. Some parents appreciated the management and faculty for conducting events that focused oneverall development of the student.
- 3. Some parents appreciated the management for organizing placement drives that focused on future Career of the student.

**Outcome of the activity**: All the parents expressed positive response towards faculty for organising offline classes Feedback is been gathered from parents. Suggestions and feedback given by the parents was shared to management for further improvement.







# St.Josephs Degree and PG College

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121420474003	JANA SAICHARAN	J. Rangamurthy.
121420474004	JORRIGALA UDAY KUMAR	
121420474005	MEDIKONDA PRADEEP	M. Rossalson
121420474006	GOLLA KAADESH VINEETH	
121420474007	NAKKA SAI NITHYAN	
121420474008	PANDALA AJAY KUMAR GOUD	P. VIJay Kemax
121420474009	SINGAREDDY ROHANREDDY	Robert
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21420474012	SOMISETTY JYOSTNA SREE	S. Udaya Su
21420474013	APURI AMARNATH	A.VANATA.
21420474014	HARSH VYAS	Rondha you

# St.Josephs Degree and PG College

ROLLNO	Parents and Teachers Meet STUDENT NAME	PARENTS SIGNATURE
	305557	
	GURRAMPATI	Phanamma.
121420474028	BALAKONDA REDDY	Dhanamma 31/10/22
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121420474029	VASAM AMRUTHRAM	
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21420474032	VIJAYA ASHISH	Rama Jakhni 2/11/22 (mother)
	GAJULAPALLE VINAY	
1420474033	KUMAR REDDY	
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Class Incharge: M.Sai Ramakrishna



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### "Digital Marketing Tools" - 2022

#### An Exhibition

Venue : Joseph's Hall

Date : 30th November, 2022

**Time** : 11:30 AM - 02:00 PM

Organized by : Department of Computer Science

Faculty Coordinators : Mrs. Sumayyah, Asst.Prof, Dept. of Computer Science

**Target Group** : All Students

#### **Event Report:**

Department of Computer science organized an Exhibition on "Digital Marketing Tools"- on Wednesday 30th November,2022, where the students of B.Com Honors II Year – III Sem students participated in the event with their innovational thoughts put in the form of models and Application.

The event was inaugurated by Mrs. M. Kiran Jyothi - HoD of Computer Science. The session began by invoking Almighty's blessings by Evita of B.Com 2 H. Mrs. M.Kiran Jyothi- HoD of Computer Science started her welcome speech by congratulating the students on coming out with the first exhibition on "Digital Marketing Tools", based on their syllabus. She also said these tools and the type of services being provided are creating a boom in the market and they will also enhance the opportunities of wanted Entrepreneurs.

# Following are the topics in which the exhibits were presented

Sl. No.	Topics
1	E-Mail Marketing
2	Mobile Marketing
3	Podcast
4	Webinar
5	Social Media Marketing
6	Blogs & Vlogs

#### Outcome:

Most of the visiting students could relate with the presentations and said they now got to kno the difference between different social media platforms.

Mrs. M. Kiran Jyothi

Principal Fr.Dr.D.Sunder Reddy



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Ref: SJC/CS/21-11-2022/52

Dt: 21/11/2022

# DEPARTMENT OF COMPUTER SCIENCE NOTICE

This is to inform all the Students that Department of Computer Science is organizing an exhibition on "Digital Marketing - A Gateway to Entrepreneurship" in continuation with the ongoing "Computer Literacy Week".

The students of B.Com Honors II Year - III Semester are showcasing the different technologies and models that can be adopted for Digital Marketing on Wednesday 30th November,2022 in Joseph's Hall.

Convener: Mrs. Sumayyah



#### ST.DOSEPH DEGREE AND PG COLLEGE

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# DEPARTMENT OF COMPUTER SCIENCE ORGANISES

An Exhibition on Digital Marketing Tools
"Digital Marketing A gateway for
Entrepreneurs"



Faculty Co-ordinator Mrs.Sumayyah Fatima Assistant Professor

11:00AM

Joseph's hall



Fr.Dr.D.Sunder Reddy Principal

Mrs. M.Kiran jyothi HOD, Department of Computer Science

> Target audiencefor all courses B.Sc,B.Com,BA & BBA

Wednesday 30th November 2022







#### **Remedial Class**



#### ST. JOSEPH'S DEGREE & PG COLLEGE

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Teaching mode : Blended mode

Date : 5/12/2022 ,14/12/2022 and 15/12/ 2022

Organized by : Department of Computer Science

Faculty Coordinator : Mr.M. Sai Ramakrishna

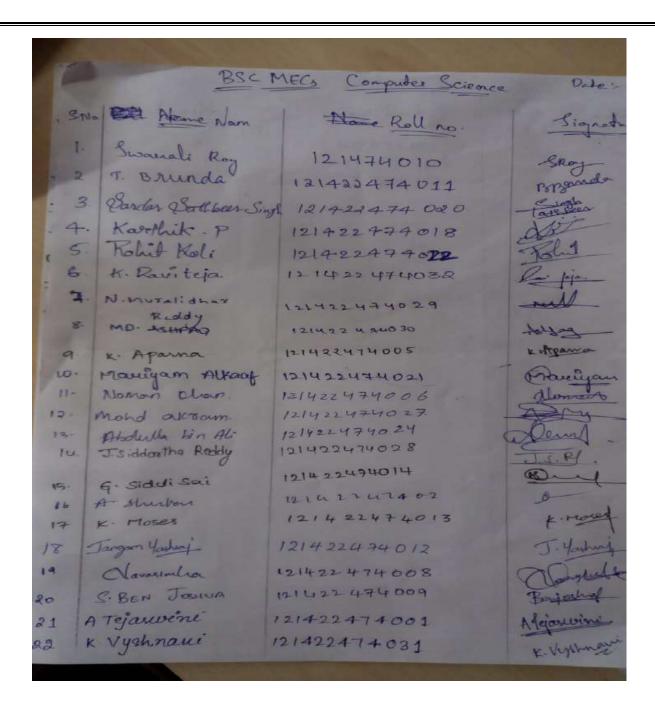
course : B.Sc(MPCs/MECs/MSCs) I year, Semester-I

#### **Report:**

Remedial classes were conducted for the B.Sc (MPCs/MECs/MSCs) I year students for the subject C++ on 5/12/2022 (offline mode) and 14/12/2022 to 15/12/2022(online mode). We have observed that they were lacking in presenting in the right way during internal examinations. In order to rectify these issues I have conducted remedial classes before the end semester examinations. I have highlighted the important concepts and also discussed the way to present in the examination. After this remedial students gained confidence to attend the exam.

#### **Outcome:**

- ❖ The students are greatly benefited by the remedial classes.
- ❖ To gradually increase the self-confidence to face questions/exams and create awareness about incremental learning.







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#### DEPARTMENT OF COMPUETR SCIENCE

#### **JSR REPORT**

**Date** : 04<sup>th</sup> Mar 2023

Venue : SRI KEERTHANA Retirement Homes & Hospital

Old Age Home, Bairamalguda, Telangana 500079

**Time** :12:00PM - 3:30PM.

**Target Group** :Old Age People, Physically challenged people and orphans.

Organized by :Department of Physics and Electronics

**Faculty Coordinators** :1.Mrs. Swathi Chintavatla

2.Mr. P Johnson Babu

#### Report

As part of Joseph's Social Responsibility, the students of B.Sc II year –MECs visited "Old Age Home", which is Home for Old People &Physically challenged people who are affected with disabilities and also orphans who have nobody to take care.

The objective of the visit is to provide the basic needs and to rehabilitate the Old People and the children with interpersonal skills through education, entertainment and social living skills. In accordance with the needs of the orphanage, we contributed one mixer grinder, a day's worth of food, some snacks, and ice cream.

#### **Photographs:**







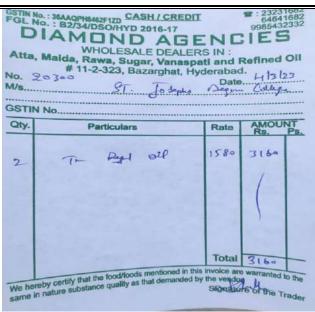




## **Bills & Expenses**

A Voluntary Organization In Plot No. 186, Z.P. Road, Sri Venks	A FOUNDATION The Service of Special Children ateswara Colony, Hastinapuram Central, B. Nagar, Hyderabad. 4533, 9133841533
REC	EIPT
No. 502  Received with thanks from Sri / Smt. / Ms	St. Tasep Degree A. P. Co. College
a sum of RupeesThe Houseard	five neverd to feel anty.  Date Della 2023.
towardsF.DD.dSp.DU.SD.X	Signature





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GSTIN Number 36BCBPK6597C1Z1 # Tax is payable on Reverse Charge No	Transporation Mode Vehicle No Date & Time of Supply 04-03-2023 11:45:28 Place of Supply
M/s. Cash A/C Address GSTIN	Details of Consignee (Shipped To)  Mrs. Cash A/C  Address  GSTIN
S. Particulars HSN Qty R. Code Two in one LC 200s 4 33 SDY-PISTALIC 2403	
	3560.00
TERMS & CONDITION 1-GOODS ONCE SOLD WILL NOT BE TAKEN BACK ( EXCHANGED) 2-payment sticity as per term & condition.  Total invoice Amount in Words	SGST 161.28 1GST 161.28
Total Invoice Amount in Words TWO THOUSAND ONE HUNDRED AND PIFTEEN ONLY Corrified that the Particulars given above are true and	Net 2,115,00

#### ST. JOSEPH'S DEGREE & PG COLLEGE



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Name of the Class In-Charge	M.Sai Ramakrishna
Name(s) of Class CRs	1.S.Jyotsna Sree 2.J.Kiran Kumar 3.J.Uday Kumar
Class and Section	B.SC (MECS) -A
Year and Semester	III year-SEM VI
Place of Visit	Divya Jyothi Foundation Regd. No. 294/2017 #6-1-28/8,Jayanagar Colony,Saidabad Road,Hyd-59
Objective of Visit	To provide the basic needs for the disabled persons, to rehabilitate the children with interpersonal skills through education, building of their self esteem and social living skills.
Plan of the visit	To inculcate moral responsibility and sportive attitude among the students towards the rural pupil different competitions were conducted and prizes were given away for the winner. The students took initiation and raised funds to provide a good meal, few needed stationary items and refreshments
Contributions:	Rs.7000/-

# **JSR REPORT**

Date: 4th March, 2023, Saturday,9:00AM

Venue : Divya Jyothi Foundation, Regd. No. 294/2017,

#6-1-28/8, Jayanagar Colony, Saidabad Road, Hyd-59

**Time** : 9:00 AM - 2:00 PM.

**Target Group** :The Home for Orphaned and Needy Children's

Organized by :Department of Computer Science

**Faculty Coordinator** :M.Sai Ramakrishna

#### Report

The students of B.Sc. III year -MECs visited "The Home for Orphaned and Needy Childrens" as part of Joseph's Social Responsibility. The purpose of the visit was to meet the children's fundamental requirements and to help them to develop social skills through education, self-esteem boosting, and social interaction. We provided refreshments, stationery, and grocery items. By 9:00 am, we arrived at the location. We inquired about the facilities and instruction the orphaned youngsters were receiving. We played games with them to improve their abilities. We gave the kids snacks, and at the conclusion of the day, we made them to cut a cake to commemorate the special day.

#### **OUTCOME OF THE EVENT:**

The students got enhanced with humanity by providing basic needs for the underprivileged students.





Coordinator

M.Sai Ramakrishna Mrs.M.Kiran Jyothi Fr.Dr.D.SunderReddy



# DIVYA JYOTHI FOUNDATION Regd. No. 294/2017

(THE HOME FOR ORPHANED AND NEEDY CHILDRENS)

# 6-1-28/8, Saraswathi Nagar Khaman Right Side, Near St. Andrew's High School, Saidabad Road, Jayanagar Colony, Hyderabad - 500 059. Cell : 9705990940, 9154570888.

Website : divyajyothifoundation.com E-mail : divyajyothifoundationinfo@gmail.co E-mail: divyajyothifoundationinfo@gmail.com

DATE:04/03/2023

**HYDERABAD** 

WE REALLY APPRECIATE THE JSR PROGRAMME CONDUCTING BY ST.JOSEPH'S DEGREE AND PG COLLEGE.

WE HAVE RECEIVED THE FOLLOWING GROCERY AND STATIONARY ITEMS FROM ST.JOSEPH'S DEGREE AND PG COLLEGE PROGRAM BSC (MEC'S) 3<sup>RD</sup> YEAR.ON 4<sup>TH</sup> MARCH 2023.

- RICE 25KG
- PULSES 10KG
- OIL -5 LITERS
- NOTE BOOK 240
- STATIONARY —PENS, PENCILS
- REFRESHMENTS(SNACKS,FRUITS AND COOL DRINKS)





# ST. JOSEPH'S DEGREE & PG COLLEGE Abids, Hyderabad



# DEPARTMENT OF COMPUTER SCIENCE



# **POWERBYTES CLUB**

## IN CONNECTION WITH JSR DAY

**ORGANIZES** 

#### **COMPUTER OUTREACH PROGRAM**

DATE: 4TH MARCH, 2023

VENUE: GOVERNMENT SCHOOL, MUKNOOR - ADOPTED VILLAGE

Mr.A. Venugopal Mrs. S. Lavanya Reddy Mrs. S. Swathi Faculty Coordinators

Mrs.M.Kiran Jyothi

Safia Khanam | Mohammed Abdul Kaleem | Vijay Bani | Dhruv Modi Student Cooridnators



#### ST. JOSEPH'S DEGREE & PG COLLEGE

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# **Department of Computer Science Power Bytes Club**

Date : March 04, 2023

Venue : Government School, Muknoor Village, RangaReddy, Hyderabad

Target Group: School Students

Organized by: Power Bytes Club, Department of Computer Science

#### **Report:**

Power Bytes Club (Department of Computer Science) has organized an outreach program to a school in the village of Muknoor in Hyderabad, Telangana, adopted by St. Joseph's Degree and PG College, on the 4th of March, 2023 as a part of **JSR DAY**. The aim of the program was to educate young children in their formative years about the importance of computers, how the same can help them in their future and day-to-day activities, and how they can easily use this tool to boost their education and living standards. The program took the form of a hands-on class on the basics of computers.

The children were taught how a computer works, right from the basics like naming the parts of a computer to what a computer is used for, using computer games and computer-related apps as an opportunity to learn the same. This was a great way for the children to learn while also having fun. It was ensured that the children were focused and concentrated throughout the class through the means of interactive questions and games.

#### Outcome

- ✓ The students of the school gained exposure to the numerous ways a computer can help them in their daily lives and how crucial it is for them to master it.
- ✓ Empowered the children of the school to use and appreciate technology.
- ✓ Ensured that the children have an opportunity to get a computer education at a young age and become digitally literate.
- ✓ Induced the spirit of charity among the students of the club and volunteers, motivating them to organize and participate in such programs further.









Faculty Coordinator Mr.A. Venugopal

HoD (Mrs. M Kiran Jyothi )





#### ST. JOSEPH'S DEGREE & PG COLLEGE

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#### **Department of Computer Science**

Date : 27<sup>th</sup> January, 2023

Venue : Joseph's Hall, V Floor, College Campus

**Target Group** : All UG/PG College students from Different Streams

Organized by : Department of Computer Science

#### **Report:**

The National Level Technical Fest- Informatique Exhib 2023 event was successfully held on 27th January 2023 at St. Joseph Degree & PG College. The event was targeted towards college students from all streams and witnessed the participation of 97 students. The event was inaugurated by Fr. Dr. Sunder Reddy, Principal of St. Joseph Degree & PG College. Mrs. Kiran Jyothi, HOD of the Department of Computer Science, delivered the welcome address.

The event was organized with the objective of exhibiting hidden potentials and new innovative ideas in the field of technology. The theme of the event revolved around the areas of AI, Robotics, Cloud, Machine Learning, Blockchain, and Embedded Systems. The presentations included models, charts, prototypes, and software models.

The event was coordinated by Mr. S. Srikanth and Mr. A. Venugopl, faculty members of Department of Computer Science, St. Joseph Degree & PG College. The judge for the event was Dr. Ravi, Associate professor from Stanley College of Engineering and Technology for Women, Hyderabad. The winners of the event were awarded with Winner and Runner-up prizes, and a consolation prize was also given out.

#### **Winners List:**

Prize	Title	Student Name	Name of the Institution
I	Bhavan's App	D. Abhinav Vardhan	Bhavan's
		Digvijay Shelar	Vivekananda Degree

		Shoeb Khan	& PG College,	
			Hyderabad.	
	Memory Game using Java	S. Lakshmi Prasanna	Bhavan's	
II		Sreekarthika	Vivekananda Degree & PG College,	
		M. Vijayalakshmi	Hyderabad.	
III	Hologram	P. Shankar	St. Joseph's Degree &	
		Y. S. Ananya	PG College,	
		G. Tejaswini	Hyderabad.	
Consolation	Aracmno Bot	T. Hima Bindu	St. Joseph's Degree &	
		M. Keerthana	PG College,	
		N. Shivani	Hyderabad.	

#### **Outcome:**

- To exhibit the hidden potentials and new innovative ideas in the field of technology.
- Provide an opportunity for students to learn from their peers and gain exposure in the field of technology. By achieving its objective, the event helped to encourage and promote innovation in the technology sector.
- Students gain recognition and exposure which can be valuable in building their careers.
- By attending the event and observing the presentations and exhibits of other students, participants can learn about new technologies and ideas in their field.
- participating in the event and winning a prize can boost the confidence and morale of the students, motivating them to continue to pursue their interests and careers in the field of technology.

• Help students to build connections with their peers and experts.

Faculty Coordinator

Mr. S. Srikanth

HoD

(Mrs. M Kiran Jyothi )

(Fr. Dr. D Sunder Reddy









### DEPARTMENT OF COMPUTER SCIENCE **Organizes**

# NATIONAL LEVEL TECHNICAL FEST **INFORMATIQUE EXHIB 2023**

Date: 27th JANUARY 2023 | Time: 10.00 AM

Co-ordinators:

Mr. S. Srikanth, Mr. Venugopal

Mrs. M. Kiran Jyothi HoD, Department of Computer Science











# ONE-DAY REGIONAL SYMPOSIUM - INFOTSAV 5.0 ON RECENT TECHNOLOGIES IN IT

in Collaboration with



Loyola Academy Alwal, Secunderabad



Government City
College, Hyderabad



St. Pious X Degree & PG College, Nacharom, Hyderabad

Date: 24 February, 2023 | Time: 9:00 am - 4:00 pm | Venue: Joseph's Hall

#### Topic: Computer Vision Applications



Ms. Kondapally Madhavi Research Scholar, IITH

#### **Guest Speakers**

# Topic: Privacy-Preserving Continuous Internet Forensics



Mr. Maruthi Seshidhar Inukonda Research Scholar, IITH

#### Topic:

Introduction to Blockchain and Hyperledger Sawtooth



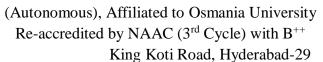
Ms. Piduguralla Manaswini Research Scholar, HTH

Rev. Fr. K. Marreddy, Correspondent Fr. Dr. D. Sunder Reddy, Principal St. Joseph's Degree & PG College, Hyderabad. Mrs. M. Kiran Jyothi, Head of the Department Mrs. T. Esther Ratna, Convenor Mr. Sai Rama Krishna, Co-Convenor

#### SYMPOSIUM INFOTSAV - 5.0



#### St. Joseph's Degree & PG College





# ONE - DAY REGIONAL LEVEL SYMPOSIUM INFOTSAV - 5.0 ON

#### TECHNOLOGIES IN IT

In Collaboration with

Loyola Academy - Alwal, Secunderabad St. Pious X Degree and P.G. College, Nacharam. City College - Nayapul, Hyderabad.

**Date** : 24<sup>th</sup> February, 2023.

**Venue** : Joseph's hall, 5th floor, Main Campus.

**Target Group**: Under Graduate Computer Science Students

From various Colleges in Twin Cities.

**Organized by** : Department of Computer Science.

#### Report:

The Department of Computer Science conducted One – Day Regional Level Symposium INFOTSAV-5.0 for the year 2022-2023. The Grand Session began at 9.00 am. It started with the auspicious note of invoking the almighty in the form of a prayer song sung by College Anno Domini which was followed by lighting the Lamp by the dignitaries. Mrs. T. Esther Ratna the Convenor of the Symposium welcomed the dignitaries with Saplings. The Head Department of Computer Science Mrs. M. Kiran Jyothi spoke about the objective of the event. She said that this event is organized to give awareness on the recent technologies in Information Technology. And Engage students and orient them for future scope in the field of IT. Her speech composed of the achievements made by the students of computer science and also the efforts taken to improve their Technical skills by the Department.

Keynote Speaker Mr. Avijith Roy, a Data scientist from Microsoft in Hyderabad, started off the programme. He discussed the various career options available to software developers in the industry, Job role of Data Scientist, Data Analyst, Machine Learning Engineer roles and Research Scientist. He stated that students should have an interest in which they are studying.

Vote of gratitude for the opening session from Mrs. M. Kiran Jyothi, head of the computer science department. She expressed gratitude for the cooperation and participation of all the Resource Persons and participating colleges in the symposium.

There are three Technical sessions in the Symposium.

**Technical Session** : I

**Resource Person** : Mr. Maruti SeshidharInukonda

Research Scholar of CSE

IIT, Hyderabad.

**Time** : 10:00 am to 11:30 am

Mr. Maruti SeshidharInukonda, a research scholar in CSE at IIT Hyderabad, served as the session's resource. He talked about computer networks, forensics on the internet, and cyber security. He stated that the Cyber attack was done in AIIMS, the hacker is from Hong Kong. There was encryption of the data and it was recovered after 15 days. He spoke about the Recessions that have been there for many decades. They come almost once in every 7 years. Many people lose jobs during recessions. He discussed about the three recession proof careers. Cyber Security jobs will be more critical for a healthy digital economy and society. This is what makes cyber security a recession - proof industry.

Data Centers are the new warehouses. Indian government is building massive data centers which will require many skilled workers. Open-source systems are heavily used by cloud service providers. There is a scarcity for systems engineers in open-source systems. (Linux, Apache projects)

After the session completed, the students interacted and clarified their doubts in Cyber attack. Later, Facilitating the resource person Mr. Maruti SeshidharInukonda by Mrs. T. Esther Ratna and faculty from Loyala College. Then we had a short break. After a short break we started with Session II.

**Technical Session** : II

**Resource Person**: Ms. P. Manaswini

Research Scholar of CSE

IIT, Hyderabad.

**Time** : 12:00 pm to 1:15 pm

The session's resource, Ms. ManaswiniPiduguralla, an IIT Hyderabad research scholar in CSE, led the second session. She provided examples using supply chain management, multiple Hyper Ledger applications, and BlockChain technologies. She discussed about the Blockchain technologies are introducing new systems of trust and exchange on which users can send value directly from one party to another without the need for intermediaries. She has given examples of Blockchain Use Cases in Banking & Finance.

International Payments. Blockchain provides a way to securely and efficiently create a tamper-proof log of sensitive activity.

- > Capital Markets.
- > Trade Finance
- Regulatory Compliance and Audit.
- ➤ Money Laundering Protection.
- > Insurance.

- ➤ Peer-to-Peer Transactions.
- Supply Chain Management.

She also stated about the bitcoins which are applied in the Cryptocurrency. After the end of the session, students interacted with her and clarified their doubts. Later, Facilitating Ms. Manaswini by HoD of Computer Science Mrs. Kiran Jyothi. Then we had a Lunch break. After a Lunch break we started with the final Technical Session.

**Technical Session**: III

**Resource Person**: Mrs. Kondapally Madhavi

Research Scholar of CSE

IIT, Hyderabad.

**Time** : 2:00 pm to 3:15 pm

Mrs. Kondapally Madhavi, the session's resource, led the third session. She discussed computer vision, which is concerned with images and videos based on machine learning, and she introduced a brand-new idea of computer vision in the field of artificial intelligence. She has given examples based on the supervised and unsupervised learning. She discussed how Deep Learning is a subfield of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial neural networks. She presented the examples of Convolution. Object detection is a computer vision technique for locating instances of objects in images or videos. She spoke about the Autonomous Vehicles Motivation.

Used in a wide variety of use cases like Autonomous navigation, Video surveillance, Anomaly detection, Retail etc.Received lots of attention in the computer vision communities over recent years Save lives- 1.3 million people are killed on the roads worldwide every year due to reckless/drunk drivingReduce traffic congestion to improve mobilitySave environment from carbon emissions and noise pollutionAging or visually-impaired ones wouldn't have to give up their independence.

At the end of the session, the students communicated with the resource person by asking questions about cutting-edge technologies in Machine Learning. Later, Facilitating Ms. Madhavi by Event Convenor Mrs. T. Esther Ratna.At the conclusion of the event, participants from various colleges provided insightful input. Total students attended the event is 214. The following are the strength particulars of each college.

- Loyola Academy Alwal, Secunderabad 58
- City College Nayapul, Hyderabad 38
- St. Pious X Degree and P.G. College, Nacharam 72
- Bhavan's College, Secunderabad 21
- St. Joseph's Degree & PG College 72

Mr. M. Sai Ramakrishna, Assistant Professor of the Department of Computer Science, gave the final vote of gratitude for the valedictory session. He expressed gratitude to all the resource people and the participated college students. The national anthem marked the event's conclusion.

**Title of the Event** : One - Day Regional Symposium – Infotsav 5.0 on Recent

Technologies in IT.

**Objective of the Event** : 1. To give awareness on the recent technologies in Information

Technology

2. Engage Students and orient them for future scope in field of

IT.

**Target Audience** : Under Graduate Computer Science Students from various

Colleges in Twin Cities.

Outcome of the Event :1. Knowledge Dissemination.

2. Capacity Building.

#### **List of Colleges Participated:**

S. No	Name of the College	City & State
1	St. Joseph's Degree& PG College	Hyderabad, Telangana
2	Loyola Academy	Alwal, Secunderabad, Telangana
3	City College	NayaPool, Hyderabad, Telangana
4	St. Pious X Degree and P.G. College	Nacharam, Hyderabad, Telangana
5	Bhavan's Vivekananda Degree College	Hyderabad, Telangana

#### **Event Incharges:**

**Convenor** : Mrs. T. Esther Ratna – Dean Student Affairs

**Co-Convenor** : Mr. M .Sai Ramakrishna-Assistant Professor, Computer Science

Registration Link : <a href="https://forms.gle/FgtSLLkyUtKMzCfdA">https://forms.gle/FgtSLLkyUtKMzCfdA</a>

**Key note speaker** : Mr. Avijith Roy, Data Scientist, Microsoft, Hyderabad.

**Resoursce persons**: 1.Mr.MaruthiSeshidharInukonda, Research Scholar, IIT,

Hyderabad

2. Ms. P. Manaswini, Research Scholar, IIT, Hyderabad

3. Mrs. Kondapally Madhavi, Research Scholar, IIT,

Hyderabad.

#### Feed Back Form Link: <a href="https://forms.gle/UyH4st7RVWroMiiRA">https://forms.gle/UyH4st7RVWroMiiRA</a>

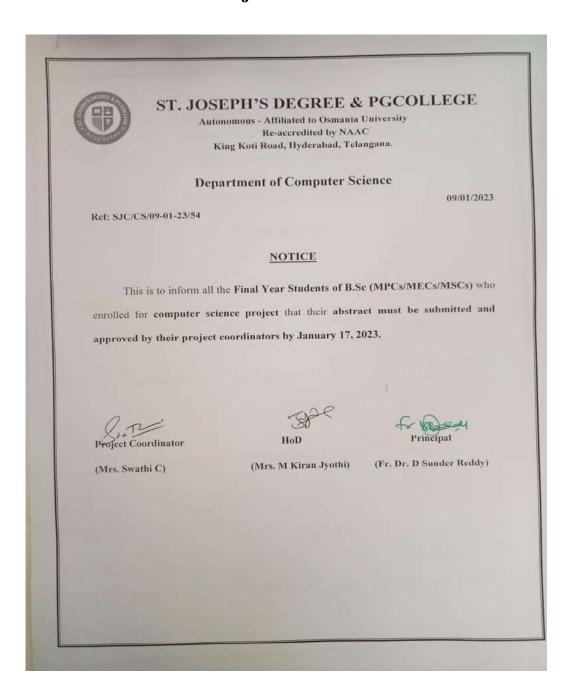




## St. Joseph's Degree & PG College

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## **Project Schedule**





#### ST. JOSEPH'S DEGREE & PGCOLLEGE

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King Koti Road, Hyderabad, Telangana.

#### Department of Computer Science

#### **Project Schedule**

S.No	Date	Event	Content
1	17th Jan 2023	Last Date for Abstract Submission	Abstract
2	15 <sup>th</sup> Feb 2023	Project Presentation -I	Features &     Modules of Project     UML Diagrams
3	20 <sup>th</sup> Mar 2023	Project Presentation -II	Working Model of the application     Power point Presentation     Project Documentation

Project Coordinator

(Mrs. Swathi C)

HoD

(Mrs. M Kiran Jyothi)

(Fr. Dr. D Sunder Reddy)



# St. Joseph's Degree & PG College

(Autonomous), Affiliated to Osmania University Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B<sup>++</sup> King Koti Road, Hyderabad-29

# **Placement -2022-23**

S.No.	Full Name	Degree	Company	Package
1	Mekala Shiva Sujayteja	B.Sc - MSCs	Verizon	4.00 LPA
2	D.Gopi Krishna	B.Sc - MPCs	Verizon	4.00 LPA
3	Biradar Ajay Kumar	B.Sc - MSCs	SUTHERLAND	2.5 LPA
4	D Akhilesh	B.Sc - MECs	SUTHERLAND	2.5 LPA
5	Joel	B.Sc - MPCs	SUTHERLAND	2.5 LPA
6	Kudala Shiva Harinath	B.Sc - MSCs	SUTHERLAND	2.5 LPA
7	Pathur Hemanth Kumar	B.Sc - MECs	SUTHERLAND	2.5 LPA
8	Riya Parthasarathi	B.Sc - MECs	SUTHERLAND	2.5 LPA
9	Silveri Shiva	B.Sc - MECs	SUTHERLAND	2.5 LPA