



St. Joseph's Degree & PG College

Autonomous - Affiliated to Osmania University

Re-accredited by NAAC (3rd cycle)

King Koti Road, Hyderabad, Telangana

ANNUAL REPORT

2023 – 2024

**DEPARTMENT OF PHYSICS &
ELECTRONICS**

R. Ashok Kumar

Head, Department of Physics & Electronics

Rev.Fr. Anthony Sagayaraja

Principal

INDEX

S.NO	CONTENT
	CURRICULAR ASPECT
1.	Programs Offered with the year of introduction and total credits
2	Total no. Of courses - UG and PG
3	Industry Academic Meet details
4	Board of Studies Meeting
5	Value Added Courses offered and number of students completed
6	MOOCs courses
7	List and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum
8	Student internships/Projects/Field work
9	Feedback from stakeholders analysis
10	Innovations in curriculum.
	TEACHING-LEARNING AND EVALUATION
1.	List of Faculty during 23-24
2	Faculty orientation
3	Program-wise Enrollment ratio
4	Programme Wise strength

5	Diagnostic Tests
6	Bridge courses
7	Advanced learner programs Slow learner programs
9	T9eaching Methodologies used subject wise
10	ICT-enabled Tools by the faculty
11	Pass percentage of students Program wise
12	Workshops/seminars, guest lecturers organized for students
13	Workshops/seminars, guest lecturers conducted for faculty
14	Workshops/seminars, guest lecturers attended by faculty
15	Faculty training programs attended
16	Faculty Completed NPTEL / Swayam Courses
17	Faculty received financial support to attend conferences /payment of membership fee of professional bodies
18	Field Visits/Industry visits
	RESEARCH
19	No of PhDs in the department
20	No of Faculty pursuing PhD
21	No of faculty published papers details - peer reviewed, ugc care, scopus, wos abdc
22	Citation index if any
23	External Funded Research Projects

24	No of faculty presented papers details
25	In house Research projects
26	External Funded Research Projects
27	Number of Books and Chapters in edited
28	volumes/books published
29	Faculty as editor of Journals
30	Faculty as resource persons
31	Consultancy
32	Faculty appreciations/Recognitions
33	No of Collaborative Activities and Collaborations
	INFRASTRUCTURE
34	Number of books available in the library of your courses
35	Number of new editions during 23-24
36	E-journals available
37	Journals available
38	No. Of computers/labs
39	No. of printers
40	No. of Lcds
41	Videos prepared

42	E-content links
	STUDENT SUPPORT
43	Student Orientation Program
44	Student Induction Program
45	Student club activities
46	Capacity Development Programs -Soft Skills, Language and Communication Skills, Life Skills (Yoga, Physical fitness, Health and Hygiene), Awareness of Trends in Technology with no.of students involved
47	Career Guidance programs with no. of students attended
48	Student participation in external competitions and achievements
49	Number of cultural events / competitions organized
50	Alumni contribution during the year (Financial, guest lectures, admission, placement assistance internship etc.)
51	Alumni Meetings
52	Events conducted-gender sensitization, environmental consciousness, sustainability
53	Celebration of national, international commemorative days and festivals
54	Extension activities carried out in the neighborhood sensitizing students
55	Outreach programs

56	Placement details programme wise with pay package (date of visit, name of company)
57	List of new companies visited
58	Paid internship details
59	No. of students (SC, ST, BC, OBC etc..)
	OTHER ACTIVITIES
60	Survey participation details and achievements.
61	Plan of action - 23-24 and action taken
62	Innovative activities conducted
63	Unique features of the department /best practices
64	Plan of action for 24-25

CURRICULAR ASPECT

Programs Offered with the year of introduction and total credits

1. Programs Offered with the year of introduction and total credits:

S.No.	Name of the Program	Year of Introduction	Total Credits
1	B. Sc (MECs)	1998	150
2	B. Sc (MPCs)	1997	150

2. Total No. of courses - UG and PG

S.No.	Name of the Course	No. of Courses
1	Physics(M.P.Cs)	23
2	Electronics(M.E.Cs)	23

3.Industry Academic Meet



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Department of Physics & Electronics

Physics & Electronics
2rd Industry Academia Meet
24th February, 2023



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Report on Electronics 2nd Industry – Academia Meet 2022-23

Agenda

Program: Electronics 2nd Industry-Academia meeting
Date: 24th February, 2023.
Venue: Jubilee Hall, 2nd floor.

1. Prayer by Mrs Mary Vinaya Sheela, Dean Academics, St. Joseph's Degree & PG College.
2. Welcoming the members.
3. Address by the Principal Fr. Dr. D. Sunder Reddy, St. Joseph's Degree & PG College.
4. Review of present electronics curriculum under CBCS
5. Implementation of UGC proposed curriculum based on common structure.
6. Generic Elective (GE) and Discipline Specific Electives (DSC).
7. Ability Enhancement Compulsory Courses (AECC) and Skill Enhancement Courses (SEC).
8. Certificate courses/ Internships/Project.
9. Any other information with the permission of the chair.
10. Vote of thanks by P. Johnson Babu.

The 2nd Industry Academia meet for Electronics course was held on 24th March, 2023 from 2.00 pm to 4.00 pm at Conference Hall. The following members attended the meeting.

1. Fr. Dr. D. Sunder Reddy

Principal

2. Fr. Prabhu Das.

Dean Academics

3. Mrs. Mary Vinaya Sheela

Dean Academics

4. Prof. C. P. Vardhani

Department of Physics, OU

5. Prof. Mohd. Shareefuddin

Department of Physics, OU

6. Dr. P. Chandra Shekar

Industry Expert, Director, Technique Design Group

7. Mr. Suresh Mehra

Industry Expert, Manager, Society of Sciences & technology. Hyd.

8. Dr. M. Sravan Kumar

HoD, Dept. of Physics & Electronics

9. Mr. R. Ashok Kumar

Assistant Professor

10. Mr. P. Johnson babu

Assistant Professor

Meeting started with the prayer by Mrs. Mary Vinaya Sheela madam, Dean Academics. Mr. R. Ashok Kumar introduced the members and given introductory talk on the importance of industry interaction for framing the syllabus. The following points are discussed.

1. As per the first year semester- I and II are fundamentals. The members felt that the syllabus is appropriate for the first year students.
2. Prof C.P. Vardhani suggested to add RF coupled amplifier and Tuned amplifier in Unit-3 of Semester – 3, Analog Circuits.
3. Dr. Chandra Shekar suggested to add DC – DC Converter and Constant current source in Unit-2 of Semester – 3, Analog Circuits.
4. Members suggested to remove LC oscillator (Colpitts oscillator) and to add Crystal and Clap Oscillators of unit-4 of Semester – 3 Analog Circuits as it is similar to Hartley oscillator and also from experiments list
5. Board suggested that Semester – IV, Linear Integrated Circuits & Basic Communication Electronics syllabus is appropriate and changes in the syllabus not required, as it is can be implemented.
6. Dr. Chandra Shekar and Prof C.P. Vardhani suggested remove Universal building blocks and including excitation tables in unit - 2 of Semester – 5, Digital Electronics as they are not much useful at industry level.
7. Board suggested that to introduce implementation of logic circuit using and MOS and CMOS technologies in unit - 1 of Semester – 5, Digital Electronics.
8. Changes are not required in Unit -3 of Semester – 5; Digital Electronics suggested by the board members explanation of flip – flops along with the excitation tables as per the industry standards.
9. Members of Board suggested to include 16:1 Mux, 1:16 De –Mux and Schmitt trigger using simulator in practical paper – 5 of Semester-5
10. Prof. Md. Shareefuddin suggested to include parity generator and checker in the Lab in the place of Universal building blocks.
11. Members of Board suggested to include introduction of μ C8051 in place features in the syllabus of Paper–7 – DSE: 8051 Microcontroller.

12. Dr. P Chandra Shekar suggested to include A to D and D to A converters in the Practical list of 8051 Microcontroller.
13. Members of Board suggested to remove FDMA and CDMA and include serial bus RS485 in
Unit – IV of Paper – 7 :Digital Communication
14. Members of Board felt that for the benefit of students introduce Mechatronics or IOT in place
Paper 8A: Digital Design using VHDL as it is tough for students.
15. Members of Board felt that introduction of DSD by Verilog also good for job opportunities to students.
16. Prof C.P. Vardhani and Prof. Md. Shareefuddin suggested to include a paper consisting of two units VHDL and two units of IOT based devices.
17. Members of Board suggested to introduce the following courses under Inter Disciplinary Courses in Electronics
 - i. Basic Electronics
 - ii. Computer Hardware electronics
 - iii. Mobile communication based software
 - iv. Hardware Mobile app based device control can be offered as generic electives papers in the Electronic course
18. New proposed programs suggested by Members of Board are
 - i. B. Sc. (Basic Electronics, Power Electronics and Data Science)
 - ii. B. Sc. (Basic Electronics, Robotics and Data Science)
 - iii. B. Sc. (Robotics)
19. Board suggested to go for integrated courses for five years or B. Sc. (Honors) course in Industrial automation.
20. Board suggestions about certificate courses or internship projects
 - i. Hobby Electronics
 - ii. Basic Robots
 - iii. Electronic testing
21. Board suggested to send students for the summer based internships or projects.

Meeting concluded with the presentation of formal vote of thanks by Mr. P. Johnson Babu.

2nd Industry Academia Meeting

Date: 24.02.2023⁷

Event Name: 2nd Industry Academia Meeting (IAM)
Electronics - 2023

Venue : Jubilee Hall

Timings : 2 PM to 4 PM

The Dept. of Physics & Electronics conducted the 2nd Industry Academia meeting (Electronics) - 2023 on 24.02.2023 at 2:00 PM in Jubilee Hall. The following members attended the meeting.

1. Fr. Dr. D. Sunder Reddy
Principal

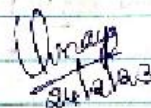


Principal

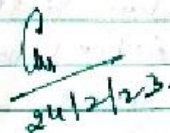
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King- Koti Road HYDERABAD-29

2. Fr. Prabhu Das
Dean

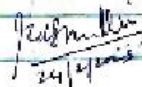
3. Mes. Mary Vinaya Sheela
Dean Academics

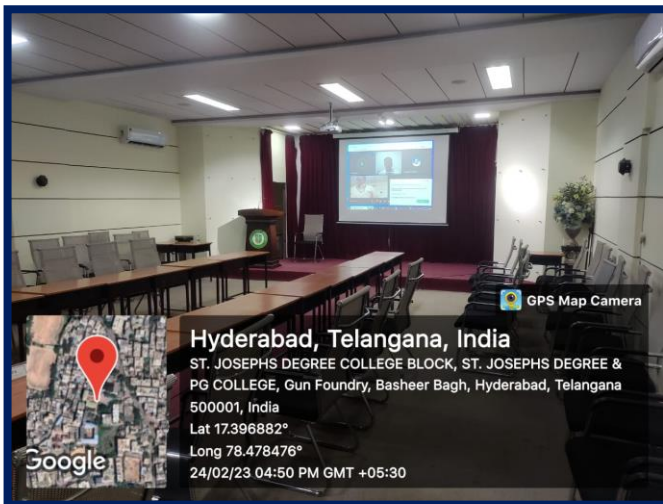


4. Prof. C.P. Vardhani
Academic Expert
Department of Physics, OU- 500 007



5. Prof. Md. Shareejuddin
Academic Expert
Department of Physics, OU- 500 007





Outcome: The suggestions provided by the industry-academia experts found very useful for designing the curriculum.

R. Ashok Kumar
HoD

Rev. Fr. Anthony Sagayaraja
Principal

BOARD OF STUDIES



ST. JOSEPH'S DEGREE & PG COLLEGE^E

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Department of Physics & Electronics

Physics

Board of Studies (BoS) Meeting

18th April, 2024



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Report

BoS Meeting for Physics Course

The Board of Studies meeting for Physics course was held on 18th April, 2023 at 11:30 PM at committee room, department of physics, Osmania University, Hyd. Meeting started with introduction of members. Mr. R Ashok Kumar chairman BoS presented the previous BoS resolution to the board.

Chairman presented the modified course structure of second year which includes Non-CGPA courses and also the syllabus for the discussion for 2022 – 25 admitted batch. The board ratified the course structure and Semester-III & semester-IV new syllabus of Physics theory and practical's.

Subsequently chairman also presented the syllabus of semesters – I, II, V & VI for review. Board ratified the syllabus of semester – I, II, V & VI without any revision. Board ratified the new internal and external evaluation process for first & second years and meeting was concluded successfully with presentation of formal vote of thanks by Mr. P. Johnson Babu faculty of physics & electronics.

The following are the BoS composition, agenda and resolution of the meeting.



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BOARD OF STUDIES FOR THE ACADEMIC YEAR 2023-2024

COMPOSITION OF BOARD OF STUDIES – PHYSICS

Principal

Fr. Dr. D. Sunder Reddy

St. Joseph's Degree & PG College

Dean Academics

Mrs. Mary Vinay Sheela

St. Joseph's Degree & PG College

Chairperson Board of Studies

Mr. R. Ashok Kumar

Dept. of Physics & Electronics

St. Joseph's Degree & PG College

Expert Nominated by the Vice-Chancellor

Prof. M. Srinivas

Chairperson BoS Physics, Osmania University

Subject experts

Prof. D. Karuna Sagar

Head, Dept. of Physics, OU

Dr. Md. Shareefuddin

Dept. of Physics, OU

Industry/corporate sector/allied area (relating to placement) Representative

Dr. K Suresh-Senior Scientist - ARCI

Postgraduate Meritorious Alumnus

Mrs. K. Keerthi

Department Faculty

Mr. P. Johnson Babu,

Assistant Professor, St. Joseph's Degree & PG College



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AGENDA FOR BOARD OF STUDIES 2023 – 2024.

Date: 18-April -2023

1. Prayer.
2. Welcoming the Board of Studies members by R. Ashok Kumar
3. Presentation of previous BoS minutes and resolutions by Mr. R. Ashok Kumar, Chairperson
BoS, St. Joseph's Degree & P.G College..
4. Presentation of course syllabus second year semester-3 and Semester-4 for the admitted batch
2022-2025 w.e.f 2022-2023 for discussion and approval.
5. Review of course syllabus of first year semester-1 and Semester-2 for the admitted batch
2022-2025 and final year semester-5 and semester-6 for the admitted batch 2021-2024 for discussion
and approval.
6. Discussion on Generic Elective (GE) and Skill Enhancement Courses (SEC) to be
implemented from academic year 2024-25.
7. Approval of Evaluation scheme based on the Blooms taxonomy
8. Discussion on Certificate courses/Internships/Project.
9. Any other information with the permission of the chair.
10. Vote of thanks by P. Johnson Babu.

THE DEPARTMENT OF PHYSICS & ELECTRONICS

RESOLUTIONS OF THE BOARD OF STUDIES MEETING

COURSE: PHYSICS

Wednesday, 18th April 2023 at 11:30 AM

Committee Room, Dept. of Physics, Osmania University

The Board of Studies meeting for the Department of Physics & Electronics for **PHYSICS** for B. Sc (MPCs) Course was held on 18th April 2023 at 11:30 am in Committee Room, Dept. of Physics, Osmania University Hyderabad

It has been resolved:

1. To approve the syllabus for the batch 2022-2025 w.e.f 2023-24.
 - DSC-Physics Paper-3(Electromagnetic Theory) of Semester –III
 - DSC- Physics Paper-4(Waves and optics) of Semester – IV
2. To review the syllabus of First and Third year of Physics course of B. Sc. (MPCS) for 2022-25 and 2021-22 batches for the academic year 2023-24.
3. To introduce non CGPA co-curricular courses (Value added courses etc.) / extracurricular courses for the batch 2023 – 2026 in the semester – II w.e.f. 2023 – 2024.
4. To introduce non CGPA – Internship course for the batch 2022-2025 in the semester–IV w.e.f. 2023 – 2024.
5. To approve the titles of GE (Generic Elective) to be implemented for the batch 2022-25 from the year 2024-25 in semester-5.
6. To approve the titles of SEC to be implemented for the batch 2022-25 from the academic year 2024-25 in semester-5 and semester-6.
7. It was resolved to approve the Internal and External Question paper patterns of First, Second, Third and Fourth semesters of Electronics course of B. Sc. (MPCs) w.e.f. 2023-24 for the batches 2023-24 & 2022-24.
8. It was resolved to approve internal & external practical evaluation process and resolved to approve guidelines for internal and external assessment of project in semester VI.
9. It was resolved to approve panel of examiners for theory & practical examinations.

The above resolutions were unanimously approved by the board at the meeting.

1. General Body, Working Committee, Sub-Committee or Board, as the case may be
2. The name of the Union, Company, Society or the Body, as the case may be
3. The place at which the meeting was held.
4. At the end of the minutes Chairman or the President of the meeting and the Secretary to sign while mentioning the number of corrections made in recording the minutes of the meeting



Ph: 4753947,
4757203



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BOARD OF STUDIES FOR THE ACADEMIC YEAR 2023-2024

COMPOSITION OF BOARD OF STUDIES - PHYSICS

Principal

Fr. Dr. D. Sunder Reddy
St. Joseph's Degree & PG College

[Signature]

Dean Academics

Mrs. Mary Vinay Sheela
St. Joseph's Degree & PG College

Chairperson Board of Studies

Mr. R. Ashok Kumar
Dept. of Physics & Electronics
St. Joseph's Degree & PG College

R. Ashok Kumar
18/4/2023

Expert Nominated by the Vice-Chancellor

Prof. M. Srinivas
Chairperson BoS Physics, Osmania University

M. Srinivas
18/4/2023

Subject experts

Prof. D. Karuna Sagar
Head, Dept. of Physics, OU

D. Karuna Sagar
18/4/2023

Dr. Md. Shareefuddin
Dept. of Physics, OU

Shareefuddin
18/4/2023

Industry/corporate sector/allied area (relating to placement) Representative

Dr. K Suresh-Senior Scientist - ARCI

Postgraduate Meritorious Alumnus

Mrs. K. Keerthi

Keerthi

Department Faculty

Mr. P. Johnson Babu,
Assistant Professor, St. Joseph's Degree & PG College

P. Johnson Babu
18/4/2023



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Department of Physics & Electronics

Electronics
Board of Studies (BoS) Meeting
11th April, 2023



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Report

BoS Meeting for Electronics Course

The Board of Studies meeting for Electronics course was held on 11th April, 2023 at 2:00 PM at Board Room, St. Joseph's Degree & PG College. Meeting started with introduction of members. Mr. R Ashok Kumar chairman BoS presented the previous BoS resolution to the board.

Chairman presented the modified course structure of second year which includes Non-CGPA courses and also the syllabus for the discussion for 2022-2023 admitted batch. The board ratified the course structure and Semester-III & semester-IV syllabus of Electronics theory and practical's.

Subsequently chairman also presented the syllabus of semesters – I, II, V & VI for review. Board ratified the syllabus of semester – I, II, V & VI with not so much revision. Board ratified the new internal and external evaluation process for first & second years and meeting was concluded successfully with presentation of formal vote of thanks by Mr. P. Johnson Babu faculty of physics & electronics.

The following are the BoS composition, agenda and resolution of the meeting.



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DEPARTMENT OF PHYSICS & ELECTRONICS BOARD OF STUDIES MEMBERS

Principal

Fr. Dr. D. Sunder Reddy

St. Joseph's Degree & PG College

Chairman Board of Studies

Mr. R. Ashok Kumar

Head, Dept. of Physics & Electronics

St. Joseph's Degree & PG College

Expert Nominated by the Vice-Chancellor

Prof. J. Laxman Naik

Chairman BoS Electronics, Osmania University

Subject experts

Prof. D. Karuna Sagar

Head, Dept. of Physics, OU

Dr. D. Srinivasu

Dept. of Physics, OU

Industry/corporate sector/allied area (relating to placement) Representative

Dr. P. Chandra Shekar

Director, Technique Design Group and 7S Technologies

Postgraduate Meritorious Alumnus

Ms. L. Swathi

ASIC, Physical Design Engineer,

MOS Chip Technologies Pvt. Ltd.

Department Faculty

Mr. P. Johnson Babu,

Assistant Professor, St. Joseph's Degree & PG College



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Agenda

Program: Board of Studies Meeting
Date: 11th April, 2023.
Time: 02:00 PM
Venue: Board Room, St. Joseph's Degree & PG College, Hyderabad.

1. Prayer.
2. Welcoming the members.
3. Presentation of previous BoS resolutions Mr. R. Ashok Kumar, Chairperson BoS, St. Joseph's Degree & P.G College.
4. Presentation of UGC proposed new structure of B. Sc (MECs) program for the academic year 2022-23 onwards..
5. Discussion on implementation of III and IV semester second year Electronics syllabus based on new structure w.e.f. 2022-23.
6. Review of present first and third year Electronics syllabus for the academic year 2023-24.
7. Discussion on Generic Elective (GE) and Skill Enhancement Courses (SEC) to be implemented from academic year 2024-25.
8. Approval of Evaluation scheme based on the Blooms taxonomy
9. Discussion on Certificate courses/Internships/Project.
10. Any other information with the permission of the chair.
11. Vote of thanks by P. Johnson Babu.

The Department of Physics & Electronics

RESOLUTIONS OF THE BOARD OF STUDIES MEETING

Tuesday, 11th April, 2023.at 02:00 PM.

Board Room, St. Joseph's Degree & PG College, Hyderabad.

The Board of Studies meeting for the Department of Physics & Electronics for Electronics course of B. Sc (MECs) was held on Tuesday, 11th April, 2023.at 02:00 PM, Board Room, St. Joseph's Degree & PG College, Hyderabad.

1. It was resolved to approve syllabus of Third and Fourth semesters of Electronics course for B. Sc. (MECs) second year for the batch 2022-25 w.e.f. 2023-24.
2. It was reviewed the syllabus of First and Third year of Electronics course of B. Sc. (MECS) for 2022-25 and 2021-22 batches for the academic year 2023-24.
3. It was resolved to introduce non CGPA co -curricular courses (Value added courses etc.) / extracurricular courses for the batch 2023 – 2026 in the semester – II first year w.e.f. 2023 – 2024.
4. It was resolved to introduce non CGPA – Internship for the batch 2022 – 2025 in the semester – IV of the second year w.e.f. 2023 – 2024.
5. It was resolved to approve the titles of GE (Generic Elective) to be implemented for the batch 2022-25 from the year 2024-25 in semester-5.
6. It was resolved to approve the titles of SEC to be implemented for the batch 2022-25 from the academic year 2024-25 in semester-5 and semester-6
7. It was resolved to approve the Internal and External Question paper patterns of First, Second, Third and Fourth semesters of Electronics course of B. Sc. (MECs) w.e.f. 2023-24 for the batches 2023-24 & 2022-24.
8. It was resolved to approve internal & external practical evaluation process and resolved to approve guidelines for internal and external assessment of project in semester VI.
9. It was resolved to approve panel of examiners for theory & practical examinations.

The above resolutions were unanimously approved by the board at the meeting.

BOOK

1. General Body, Board or as the case may be.
2. The name of the Company.
3. The place at which the meeting was held.
4. At the end of the minutes, Chairman to sign mentioning the number of corrections made, if any, in recording the minutes of the meeting.

DEPARTMENT OF PHYSICS & ELECTRONICS

BOARD OF STUDIES MEMBERS

Principal

Fr. Dr. D. Sunder Reddy
St. Joseph's Degree & PG College

Fr. Dr. D. Sunder Reddy

Dean Academics

Mrs. Mary Vinay Sheela
St. Joseph's Degree & PG College

Principal
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King Koh Road, HYDERABAD-29

Chairperson Board of Studies

Mr. R. Ashok Kumar
Dept. of Physics & Electronics
St. Joseph's Degree & PG College

R. Ashok Kumar
11/4/2023

Expert Nominated by the Vice-Chancellor

Prof. J. Lakshman Naik
Chairperson BoS Electronics, Osmania University

Subject experts

Prof. D. Karuna Sagar
Head, Dept. of Physics, OU

Prof. D. Karuna Sagar
11/4/2023

Dr. D. Srinivasu
Dept. of Physics, OU

Dr. D. Srinivasu
11/4/2023

Industry/corporate sector/allied area (relating to placement) Representative

Dr. P. Chandra Shekar
Director, Technique Design Group and 75 Technologies

P. Chandra Shekar
11/4/2023

Postgraduate Meritorious Alumnus

Ms. L. Swathi
ASIC, Physical Design Engineer,
MOS Chip Technologies Pvt. Ltd.

Department Faculty

Mr. P. Johnson Babu,
Assistant Professor, St. Joseph's Degree & PG College

P. Johnson Babu
11/4/2023

Future Plans of the Department

- a. Do gain unique identity for the Department by Conducting International /National Seminars/Workshops and Symposiums that enhances the scientific temperament in Students and Faculty.
- b. To encourage and direct Faculty and students towards Paper Presentations, Book Chapters, In-house Projects.
- c. Encourage, motivated and guide students to pursue projects & internships in the field of Physics & Electronics.
- d. To start post graduate Courses and Certificate courses to strengthen the department.
- e. To get the Minor and DST Research Projects in Physics and Electronics.
- f. To introduce Embedded systems, IoT, Robotics, VLSI Designing, Mobile communications etc in the academic year 2024-25.

6. VALUE ADDED COURSES OFFERED AND NUMBER OF STUDENTS COMPLETED

S.No	VAC offered	No. of hours	Collaborating Institute	Programme	No. of Students Completed
1	Cyber Security	30	Excelytics	B. Sc MPCs	6
				B. Sc MECs	6
2	Basket Ball		Department of Physical Education, Osmania university	B. Sc MPCs	Nil
				B. Sc MECs	Nil
3	Personality Development		Live Forever Academy	B. Sc MPCs	2
				B. Sc MECs	1
4	Photography		Micheal & Monterio	B. Sc MPCs	6
				B. Sc MECs	1
5	2-D Gaming		Ink Wall Technologies Pvt Ltd	B. Sc MPCs	5
				B. Sc MECs	1
6	Theater Arts		Casting Agency	B. Sc MPCs	2
				B. Sc MECs	1
7	Guitar		Dolce Institute	B. Sc MPCs	Nil
				B. Sc MECs	2
8	Graphic Designing	Arena Animation	B. Sc MPCs	Nil	
			B. Sc MECs	Nil	

7. MOOCS COURSE:

S.No	Programme	Roll No.	Name of the Student	Name of the Moocs course completed
1	B. Sc (MECs) II - Year	121422474001	A TEJASWINI BAITHARU	Soft Skills and Enhancement
2		121422474009	SEEKOTI BENJOSHUA	Python for Data Science

8. List and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum

S.No	Name of the course	Year/Semester	Targeted Group
1	Environmental Studies	I/II	B. Sc
2	Universal Human Values and gender sensitization	II/III	B. Sc

1. Student internships/Projects / Field work

S. No	Hall ticket number		Name of the student	Internship details
1	121422474001	B. Sc. (M.ECs)	A TEJASWINI BAITHARU	IBM & Jordan Strategies
2	121422474003		ANVS ARAVIND	SFA Sports and Voice 4 Girls
3	121422474004		MARISSETTI SAI CHARAN	SFA Sports and Voice 4 Girls
4	121422474005		K APARNA	IBM & Jordan Strategies
5	121422474006		NOMAN KHAN	InfoScience PVT. Ltd
6	121422474010		SWARNALI ROY	SFA Sports and Voice 4 Girls
7	121422474011		T B BRUNDA SAI NAGA LAKSHMI	IBM & Jordan Strategies
8	121422474012		JANGAM YASHRAJ	S V industrial Training

9	121422474015	B. Sc. (M.PCs)	GORLA SUDHEER	SFA Sports and Voice 4 Girls
10	121422474019		SAIGARI SUJITH	S V industrial Training
11	121422474020		SARDAR SATHBEER SINGH	IBM & Jordan Strategies
12	121422474022		KOLI ROHIT DILIP	S V industrial Training
13	121422474023		FIRAS ADIL AHMED	IBM & Jordan Strategies
14	121422474027		MOHD AKRAM	InfoScience PVT. Ltd
15	121422468007		KARAN KALLE	Manac infotech

2. Feedback from stakeholder's analysis:

Feedback on Curriculum

Industry / Employer Feedback			
Name	Institute	Designation	Suggestions
Dr. PSR Prasad	National Geophysical Research Institute, Uppal, Hyderabad.	Scientist Grade II	Focus on problems in each and every course included and make a component in evaluation process also
Sunkara Manorama	Centre for Cellular and Molecular Biology/ ICT	Scientist	Remove ultrasonics & include vibration of bars including problems in mechanics. add lasers & optical fibre as a one of skill enhancement courses for physics students.
Dr. Ravi Chandra	ARCI, Hyderabad	Scientist	Include nano material fundamentals and applications as one of the SEC paper.

Y. Purushotham	Centre for Materials for Electronics Technology (C-MET), Cherlapally, Hyd.	Scientist - D	Overall good curriculum related to electronics syllabus, still some topics are needed to introduce in the final year with reference to electronic materials and IC technology.
RAVI RAJA P	B M Birla Planetarium and Science Centre	Scientific Officer	Regular group discussions, debates or interactive activities can help cater to different learning styles.

PARENTS FEEDBACK

Name of Parent	Designation / Occupation / Qualification	Student Name	Are there specific courses or activities that your ward particularly enjoys or finds challenging?
Ratna Mitra	Home Maker/ Graduate	Anurag Mitra	Give them more period of time between the internal exam so that they can prepare well for that.
M.Meena Kumari	Graduate	M.Jyothsna-121416468017	I thought more time is required to go through with the syllabus topics, otherwise it is good.
Mirza Azam Ali baig	RTA Private Work	Md M Tajuddin Ali Baig	Focus more on the subject courses which are in the market right now.
T.Sridevi	House wife	T.Lakshmi Keertana	More field tour programs
Miriyala Vijay Kumar	Head Master/	Miriyala Rithin Kumar / 121417468019	Very satisfied with the curriculum and the academics. I think no changes were necessary
Syeda Aynul fatima	Teacher/graduate	Kulsum Fatima /	Cut down the portion
Govada Nazreena	Teacher	Govada Pearcey Richard Raj	Our kind request do not conduct Maths and electronics exam on the same day

Students Feedback

Roll Number	Name of the Student	Program Name	Class	Suggestions
121416474014	Joachim Adams	B. Sc (MECs)	Physics & Electronics	The syllabus (digital design using VHDL) needs a more practical approach with the real world to grab the attention of the students and boost their interest in the subject.
121416474041	Vinod Prasad Devkota	B. Sc (MECs)	Physics & Electronics	Electronics related placement drives must be provided and should have a lab with more computers.

121416474013	Harita Dadu	B. Sc (MECs)	Physics & Electronics	We can improve the practical interaction of the subject by focussing more on the projects rather than theory.
121416474013	Harita Dadu	B. Sc (MECs)	Physics & Electronics	Instead of keeping two theory papers we can keep one paper and will focus on the major practical orientation of the projects.
121416474042	Yash Khurana	B. Sc (MECs)	Physics & Electronics	External practical must be held before external theory.
121416474033	Kushal Reddy R	B. Sc (MECs)	Physics & Electronics	Digital design using VHDL is very helpful in the area of the employment orientation.
121416474032	R.Hariharan	B. Sc (MECs)	Physics & Electronics	Subjects should be more interesting.
121416468033	Shreya	B. Sc (MECs)	Physics & Electronics	Make the syllabus industry ready
121415468023	p.shashank	B. Sc (MECs)	Physics & Electronics	Only one internal exam should be conducted
121416468036	G. Sai Akshitha	B. Sc (MECs)	Physics & Electronics	Conduct more lab sessions

Faculty Feedback

Name of Faculty	Course	Suggestions
M. L. Sowjanya	Physics & Electronics	<ul style="list-style-type: none"> ● Need to add Nanoscience as the Subject to enrich the interest in research ● More internship facilities for concerned subjects & enhancing more practical Knowledge
Mr. R. Ashok Kumar	Physics & Electronics	<ul style="list-style-type: none"> ● For new program sem I course should be replaced with combination of circuit analysis and Electronic devices & Circuits ● Introducing the B. Sc (electronic science / computer science) as 4 years course with minor and major will help the students to meet industry requirements
Dr .P. Johnson Babu	Physics & Electronics	<ul style="list-style-type: none"> ● Need to introduce IoT / Embedded systems as SEC courses. ● Increasing the internship opportunity programs for the science students or at least training them for the entrance of assistant scientist posts in various govt institutions may benefit the student who are very much in to the research .

TEACHING-LEARNING AND EVALUATION

1. List of Faculty during 23-24

Details of Faculty, Qualifications & Experience

S. No	Name	Qualifications	Designation	Experience
1	Mr. R. Ashok Kumar	M.Sc.(AE),UGC-Net, (Ph. D)	Head of the Department	28
2	Mrs M. L. Sowjanya	M.Sc. Physics	Assistant Professor	13
3	Dr. P. Johnson Babu	M.Sc.(AE), M. Phil, Ph. D.	Assistant Professor	22

2. Faculty orientation

S.No	Name of the Faculty	
1	Mr. R. Ashok Kumar	<ul style="list-style-type: none">• Orientation on Project to B. Sc Final Year students• Oriented on Certificate courses to I Year student on Deeksharambh• Oriented on Electronics Elective Papers for Semester-V & VI

2	Dr. P. Johnson Babu	<ul style="list-style-type: none"> • Oriented on Joseph's Out Reach Cell to 2nd year B. Sc • Oriented on Physics Projects to B. Sc MPCs-III year students
3	Mrs. M. L. Sowjanya	<ul style="list-style-type: none"> • Oriented on Physics Elective Papers for Semester-V & VI

1. Program-wise Enrollment ratio

S. No.	Year	Programme	Enrollment Ratio
1	I	B. Sc MPCs	1 : 0.6
		B. Sc MECs	1 : 0.35
2	II	B. Sc MPCs	1 : 0.3
		B. Sc MECs	1 : 0.8
3	III	B. Sc MPCs	1 : 0.475
		B. Sc MECs	1 : 0.55

2. Programme Wise strength

S.No.	Year	Programme	No. of Students
1	I	B. Sc MPCs	24
		B. Sc MECs	14
2	II	B. Sc MPCs	12
		B. Sc MECs	32
3	III	B. Sc MPCs	19
		B. Sc MECs	22

3. Diagnostic Tests



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ACTIVITY REPORT

General Information

Type of Activity	Diagnostic test for B.sc(MPCs and MECs)-I year
Title of the Activity	Diagnostic test
Date	05-08-2023
Time	1:00pm-2:00pm
Venue	Room.No-508
Collaboration Sponsor	-

Convener Details

Name	Mrs.M.L.sowjanya
Title Position	Asst.Professor,Physics and Electronics
Organization	St.Josephs Degree and P.G.college

Participants Profile

Type of Participants	Students of 1 year B.sc Physics and Electronics
No. of Participants	28

Synopsis of the Activity (Description)

Highlights of the Activity	1.Question paper on Basics of level+2 was given for both subjects Physics and Electronics.
Key Takeaways	1.Students can check their Basic Knowledge to connect with B.sc Physics and Electronics courses
Summary of the Activity	Attached in Report
Follow-up plan	After Bridge course classes,a test is conducted to check their improvement in the fundamental concepts of both subjects Physics and Electronics.

Report prepared by:

Name of the Organiser	Mrs.M.L.sowjanya
Designation/Title	Assistant Professor,Department of Physics and Electronics
Signature	

Mr. R. Ashok Kumar
Head, Department of Physics & Electronics.



Rev. Fr. Anthony Sagayaraja
Principal

Principal
ST. JOSEPH'S DEGREE & PG. COLLEGE
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Annexure:

2. Detailed Report



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Diagnostic test(Entry level test)2023-2024

Date : 05-08-2023

Timings :1:00pm-2:00Pm

Room No: 507,V floor

Target Group : B.Sc.(MPCs/MECs) I Year

Organized by :Department of Physics and Electronics

Report:

The Department of Physics and Electronics has conducted a Diagnostic level test for the I Year of undergraduate students of Physics and Electronics on 5 August 2023, between 1:00Pm-2:00Pm, Room No:507. The question paper was prepared covering the Basics of the intermediate level Physics and Electronics. On the basis of the total marks obtained by the students, the bridge course classes are planned accordingly.

Mr. R. Ashok Kumar
Head, Department of Physics & Electronics.

Rev. Fr. Anthony Sagayaraja
Principal



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FACULTY PROFILE

Coordinator details:

Name	Mr. R. Ashok Kumar, of Physics & Electronics
Designation	Head of the Department
Qualification	M.Sc. (Applied Electronics), UGC - NET
Mail-Id	ashok@josephscollege.ac.in
Experience	Overall 24 years: InHouse:12 Years Outside: 12 Years

Geotag Photos of the activity (not more than two).





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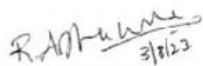
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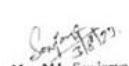
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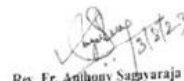
DEPARTMENT OF PHYSICS & ELECTRONICS

NOTICE

This is to inform to the students of B.Sc. (MPCs & MECs) Ist - Year that the Dept. of Physics & Electronics is conducting Diagnostic Test on 05-08-2023 for the Academic Year 2023-24 from 1.00 PM to 2.00 PM in Room No. - 508, Vth floor. It is mandatory for all the first year students to attend the test.


Mr. R. Ashok Kumar
Hod. Physics and Electronics


Mrs. M.L. Sowjanya
Coordinator


Rev. Fr. Anthony Saggyaraja
Principal



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Entry Level Test
2023-24

B.Sc (IMPC) 1st Year / Semester I
Attendance sheet

DATE: 05-08-2023

ROLL NO	NAME OF THE STUDENT	SIGNATURE
121423468001	AARATI DARAI	
121423468002	ALI ABDULLA HANAFI	
121423468003	AVULA ARAVINDU	ABSENT
121423468004	AVUTHU ROHITH REDDY	
121423468005	DANA A CHERRY KAPOOR DANALAKSHMI	
121423468006	DEVI SHANKAR	
121423468007	HAMEEDA KHATEEN RAJIA	
121423468008	K. QUINCY MELCHER DE K	ABSENT
121423468009	KASINOTA SAIDHVIK	
121423468010	KATAKAM ANKITHA	
121423468011	KAUSTAV DHOLE	
121423468012	KUNDAN KUMAR	
121423468013	M AKHIL YADAV	
121423468014	MOHAMMED AFFAN MOHAMMED MUKARAM	
121423468015	ALI NAIF AHMED SAEED	
121423468016	QAMRAN	ABSENT
121423468017	SAKA KAMALAKAR	
121423468018	T SHYAMSUNDAR REDDY	

121423468019		
121423468020	MOHD HYDER ALI	File
121423468021	HONDA ABHISHEK	R. Ashok
121423468022	ARUPULA VINAY KUMAR	A. Vinay
	MUSTAFA ALI KHAN	ASSET

R. Ashok kumar
H.O.D.(physics and electronics)

Coordinator
Mrs.M.L.Sowjanya

Principal
Rev.Fr.Antony Sagayaraj

Bridge courses



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ACTIVITY REPORT

Bridge course classes for B.sc(MPCs and MECs)-I years

General Information

Type of Activity	Conduction of Bridge course classes for B.sc(MPCs and MECs)-I years and Bridge level Entry exam
Title of the Activity	Bridge course classes
Date	7 August-12 August 2023
Time	
Venue	Room No-507 and 508
Collaboration/Sponsor	

Faculty Details

Name	Mr.R.Ashok Kumar
Title/Position	H.O.D, Dept of Physics and Electronics
Organization	St.Josephs Degree and P.G.college

Faculty Details

Name	Mrs.M.L.sowjanya
Title/Position	Asst.Professor,Physics and Electronics
Organization	St.Josephs Degree and P.G.college

Participants Profile

Type of Participants	Students of I- B.sc Physics and Electronics
No. of Participants	28

Synopsis of the Activity (Description)

Highlights of the Activity	1.Basic concepts were explained very clearly with suitable examples and Theory 2.Revision of the class 10,11,12 concepts 3.Doubt Sessions are organised for students to clear their doubts.
Key Takeaways	1.Students were able to revise the basic definitions,units and Dimensional quantities.
Summary of the Activity	Attached in Report
Follow-up plan	Exam was planned on the Discussion of the Concepts in the Bridge course classes conducted.

Report prepared by:

Name of the Organiser	Mrs.Sowjanya.M.L
Designation/Title	Assistant Professor,Department of Physics and Electronics
Signature	

Annexure:

Detailed Report



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Bridge Course Classes-B.sc-IYear(M.P.cs,M.E.Cs)-2023-2024

Date : 7 August-12 August 2023

Timings :2:00-3:00 Pm

Room No: 507,508, V floor

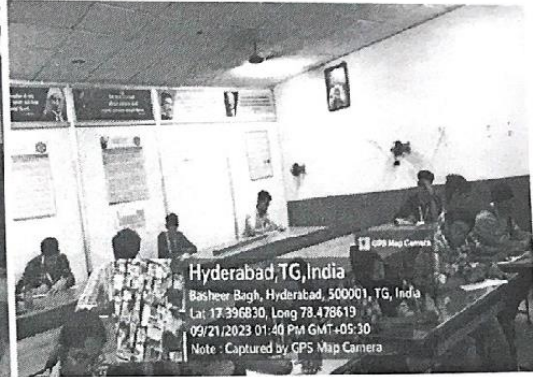
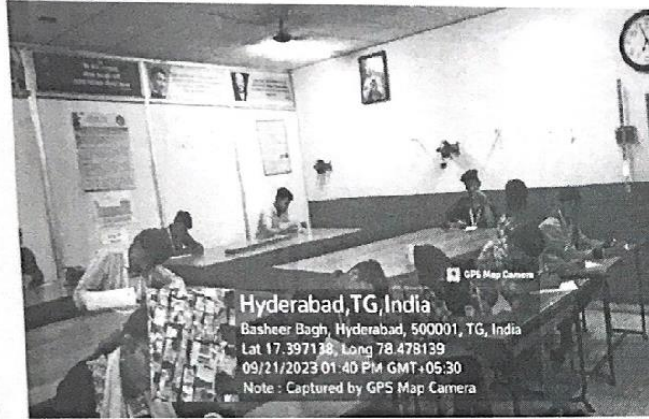
Target Group : B.Sc.(MPCs/MECs) I Year

Organized by :**Department of Physics and Electronics**

Report:

The Department of Physics and Electronics has conducted a Diagnostic level test for the I Year of undergraduate students of Physics and Electronics on 5 August 2023, between 1:00Pm-2:00Pm, Room No:507. The question paper was prepared covering the Basics of the intermediate level Physics and Electronics. On the basis of the total marks obtained by the students, the bridge course classes are planned accordingly. The classes were scheduled from 7 August to 12 August, Room nos:507,508 for Physics and Electronics. The Basic topics, Definitions and equations are explained with suitable examples and some Minimal Questions. Students were able to revise, remember and understand the application of these concepts in the Current Courses. The doubt sessions were conducted to the students by the faculty coordinators, for better understanding and clearing their doubts.

GEOTAG PHOTOS OF BRIDGE LEVEL EXAM :





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Ref: SJC/04-08-2023/P&E/006

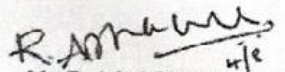
Date: 04-08-2023

Notice


Bridge Course

Academic Year 2023-24

This is to inform that the Dept. of Physics & Electronics is conducting **Bridge Course** classes for B.Sc.(MPCs and MECs) 1 - year notified students from **07-08-2023 to 12-08-2023** in Room No. - **507** and **508**, Vth Floor for Physics and Electronics subjects respectively. It is mandatory to attend all the classes without fail.


Mr. R. Ashok Kumar
HoD, Physics and Electronics


Mrs. M. L. Sowjanya
Coordinator


Rev. Fr. Antony Sagayaraja
Principal



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DATE:

ATTENDANCE SHEET FOR BRIDGE COURSE LEVEL TEST

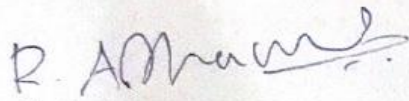
Hall Ticket No:	NAME OF THE STUDENT	SIGNATURE
121423468001	AARATI DARAJ	
121423468002	ALI ABDULLA BAMBROUJ	
121423468003	AVULA ARAVINDU	
121423468004	AVUTHU ROHITH REDDY	
121423468005	DADALA CHERRY SAMUEL	A. Cherry
121423468006	GANGALA VENKATA VAISHNAV	Gangala Venkata
121423468007	HAMEEDA KHATOON RAFIA	Hameeda Khatoon
121423468008	K QUENCY MELCHIZEDEK	K. Quency
121423468009	KASIMKOTA SARDHVIR	K. Sardhvir
121423468010	KATAKAM ANKITHA	K. Ankitha
121423468011	KAUSTAV DHOLE	
121423468012	KUNDAN KUMAR	
121423468013	M AKHIL YADAV	M. Akhil
121423468014	MOHAMMED AFFAN	
121423468015	MOHAMMED MUKARAM ALI	M. Mukaram
121423468016	NAIF AHMED SAEED QAMRAN	N. Ahmed
121423468017	SAKA KAMALAKAR	S. Kamalakar
121423468018	T SHYAMSUNDAR REDDY	T. Shyamsundar
121423468019	MOHD HYDER ALI	M. Hyder Ali

121423468020	RONDLA ABHISHEK	R. Abhishek
121423468021	ARUPULA VINAY KUMAR	A. Vinay
121423468022	MUSTAFA ALI KHAN	M. Mustafa
121423468023	LIKHITH KUMAR	L. Likhith
121423468024	AKULA SAI HARSHIT	A. Sai Harshit
121423468025	ABDALLAH MORANMED BIN ABDUL HAMEED	A. Moramed

SIGNATURE OF H O D

PRINCIPAL

SIGNATURE OF CONVENER



Mr. R. Ashok Kumar

Head, Department of Physics & Electronics.



Rev. Fr. Anthony Sagayaraja

Principal



Principal
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Advanced learner programs- Nil

7. Slow learner programs:

Remedial classes:



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REMEDIAL CLASSES NOTICE
DEPARTMENT OF PHYSICS AND ELECTRONICS

This is inform students of B.SC(M.P.Cs & M.E.Cs) -I,III Year, Department of Physics and Electronics is conducting Remedial classes from March 21-March 27, 2024. It is Mandatory for the students whose list has been shared in the class groups to attend the classes.

H.O.D
Mr.R.Ashok Kumar



Principal
Rev.Fr.Antony Sagaraj

Principal
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REMEDIAL CLASSES

Date: March 21-March 27 2024

Timings : 2:30PM-3:30P.M

Venue: Room No-508

The Remedial classes for Sem-2, Sem-4, Sem-6 are conducted for the students who have less marks in internal 1 and had backlog in previous semesters. The topics of more importance are explained once again and few written and oral tests are conducted on the scheduled dates. Both the Physics and Electronics students have attended where Assistant Professor, Dr. P. Johnson Babu and Mrs. M.L. Sowjanya has conducted these sessions individually for the students.

The following Faculty has conducted the Remedial sessions

S.NO	Name of the Faculty	Semester	Date and Time
1	Mrs.M.L.Sowjanya	II	18,21,23,25 March 2024 Time-2:00-2:45
		IV	Classes are scheduled in Regular timetable from starting of semester
2.	Dr.P.Johnson Babu	VI	19,20,22,25 March 2024 Time-2:00-2:45
		IV	Classes are scheduled in Regular timetable from starting of semester



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REMEDIAL CLASSES





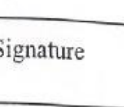
SEMESTER-IV

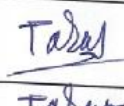
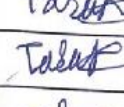
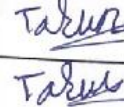


COURSE: WAVES AND OPTICS

THE REMEDIAL CLASSES ARE CONDUCTED AT FOLLOWING DATES

DATES CONDUCTED	TOPICS COVERED
JAN-9,2024	1.Discussion on Introduction concept
JAN -20,2024	2.Transverse laws of stationary Waves
FEB-27,2024	3.Fresnel's Biprism construction and working
MARCH-18,2024	4.Newton's Rings construction and working
MARCH-21,2024	5.Nicols Prism Construction and working

Sl. No.	Name of Student	Date	Topic Covered	Signature
422 007	M ABHISHEK VARDHAN	JAN-9,2024	Discussion on Introduction concept	
		JAN -20,2024	Transverse laws.	
		FEB-27,2024	Fresnel Biprism construction & working.	
		MARCH-18,2024	Newton Rings construction & working.	
		MARCH-21,2024	Nicols Prism construction & working.	

Hall Ticket	Name of Student	Date	Topic Covered	Signature
121422 468007	SAHITH	JAN-9,2024	Discussion on introduction of concept.	
		JAN -20,2024	Transverse law.	
		FEB-27,2024	Fresnel's Biprism construction.	
		MARCH-18,2024	Newton's diffraction construction & working.	
		MARCH-21,2024	Nicol's prism construction & working.	

Hall Ticket	Name of Student	Date	Topic Covered	Signature
121422 468008	TARUN GOUD	JAN-9,2024	Discussion on introduction of concept.	
		JAN -20,2024	Transverse law.	
		FEB-27,2024	Fresnel's Biprism const.	
		MARCH-18,2024	Newton's diffraction construction & working.	
		MARCH-21,2024	Nicol's prism construction & working.	



FEEDBACK FROM THE STUDENT

STUDENT NAME	FEEDBACK
M ABHISHEK VARDHAN	The class are so much use full for exam exam
SAHITH	The class are so much usefull for us
TARUN GOUD	The class are so much use full for us.

FEEDBACK FROM FACULTY

STUDENT NAME	FEEDBACK
M ABHISHEK VARDHAN	He attended Regularly.
SAHITH	He was Regular, He has to practice more.
TARUN GOUD	He was Regular, Need to concentrate more.

R. Ashok Kumar

H.O.D
R.ASHOK KUMAR



Rev. Fr. Anthony Sagayaraj

PRINCIPAL
REV.FR.ANTHONY SAGAYARAJ

Principal

ST. JOSEPH'S DEGREE & P.G. COLLEGE
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REMEDIAL CLASSES

SEMESTER-IV

COURSE: THERMAL PHYSICS

THE REMEDIAL CLASSES ARE CONDUCTED AT FOLLOWING DATES

DATES CONDUCTED	TOPICS COVERED
JAN-9,2024	1.Discussion on Introduction concept
JAN -20,2024	2.Entropy of Reversible process
FEB-27,2024	3.Adiabatic Demagnetisation
MARCH-18,2024	4.Optical filament disappearing pyrometer
MARCH-21,2024	5.Fermi-Dirac and Bose -Einstein statistics

Hall Ticket	Name of Student	Date	Topic Covered	Signature
12142346 8004	AVUTHU ROHITH REDDY	JAN-9,2024	Discussion on Introduction concepts	Rohit
		JAN -20,2024	_____	Absent
		FEB-27,2024	Adiabatic demagnetization	Rohit
		MARCH-18,2024	_____	Absent
		MARCH-21,2024	Fermi-Dirac and Bose Einstein	Rohit

Signatures

Hall Ticket	Name of Student	Date	Topic Covered	Signature
12142346 8017	SAKA KAMALAKAR	JAN-9,2024	Discussion on Introduction concepts	S. Chakraborty
		JAN -20,2024	—————	Absent
		FEB-27,2024	Adiabatic demag- netization	S. Chakraborty
		MARCH-18,2024	—————	Absent
		MARCH-21,2024	Fermi-Dirac and Bose-Einstein	S. Chakraborty

Hall Ticket	Name of Student	Date	Topic Covered	Signature
121423468 018	THATIKONDA SHYAMSUNDAR REDDY	JAN-9,2024	Discussion on Introduction concepts	Shyamsundar Reddy
		JAN -20,2024	—————	Absent
		FEB-27,2024	adiabatic demag- netization	Shyamsundar Reddy
		MARCH-18,202 4	—————	Absent
		MARCH-21,202 4	Fermi-Dirac and Bose Einstein	Shyamsundar Reddy



S. Ch
21

FEEDBACK FROM THE STUDENT

STUDENT NAME	FEEDBACK
AVUTHU ROHITH REDDY	It is helped for my to clear backlog.
SAKA KAMALAKAR	It is helpful for my backlog Exam
T.SHYAM SUNDER REDDY	Remedial Classes helped to clear my backlog Exam.

FEEDBACK FROM FACULTY

STUDENT NAME	FEEDBACK
AVUTHU ROHITH REDDY	He Attended. Regularly and wrote all tests.
SAKA KAMALAKAR	He was regular and Attended. class
T.SHYAM SUNDER REDDY	He was slow learner and Attended all the classes.

R. Ashok Kumar
H.O.D

R.ASHOK KUMAR

Rev. Fr. Anthony Sagayaraj
PRINCIPAL

REV.FR.ANTHONY SAGAYARAJ



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REMEDIAL CLASSES

SEMESTER-IV

COURSE: THERMAL PHYSICS

THE REMEDIAL CLASSES ARE CONDUCTED AT FOLLOWING DATES

DATES CONDUCTED	TOPICS COVERED
MARCH 21-2024	1. Gauss law and its applications 2. Biosavarts law 3. DivB and Curl B
MARCH 22-2024	1. Faraday's laws of Electromagnetic induction 2. Growth and Decay of LCR circuit 3. Growth and Decay of LC, CR circuit
MARCH 23-2024	1. Maxwell ElectroMagnetic Wave Equations 2. Continuity Equation

Hall Ticket	Name of Student	Date	Topic Covered	Signature
1214- 21- 468 018	JABBAR HUSSAI N	MARCH 21-2024	Gauss law & its applications	Jabbar Hussain
		MARCH 22-2024	Growth & Decay of LCR circuit	Jabbar Hussain
		MARCH 23-2024	Maxwell Electromagnetic wave Eqn	Jabbar Hussain

FEEDBACK FROM THE STUDENT

STUDENT NAME	FEEDBACK
JABAR HUSSAIN	The classes taken by <u>mam</u> <u>Jabar</u> were very helpful

FEEDBACK FROM THE FACULTY

STUDENT NAME	FEEDBACK
JABAR HUSSAIN	He has participated and attend the remedial classes - Regularly. <u>Sufine</u>

R. Ashok Kumar
H.O.D

R.ASHOK KUMAR



Rev. Fr. Anthony Sagayara
PRINCIPAL

REV.FR.ANTHONY SAGAYARAJ

Principal
ST. JOSEPH'S DEGREE & P.G. COLLEGE
King Koti Road, HYDERABAD 500

7. ICT-enabled Tools by the faculty

E-Content Developed

S.No.	Name of the Faculty	Topic	Link
1	Mr. R. Ashok Kumar	<ul style="list-style-type: none"> ● Electronics-3 (Analog Circuits) ● Electronics-4 (Linear Integrated Circuits & Basic Communication Electronics) ● Electronics-5 (Digital Electronics) ● Electronics-6A (8051 Microcontroller) ● Electronics-7 (Digital Communication) 	<ul style="list-style-type: none"> ● https://classroom.google.com/c/MTQyMzMxODMxMDQy/m/MTQ1ODUxODQ3MjE2/details ● https://classroom.google.com/c/NDQ5MDYwMjE4MzE5/m/NDUzNjk3NjU0MjA4/details ● https://classroom.google.com/c/NDU3NDM4MjMyMTUy/m/NDUzNjk3NjU0NDE5/details ● https://classroom.google.com/c/NjE3OTQ0OTExMDQ3/m/NTIzNDE4NTQzMjU4/details ● https://classroom.google.com/c/MTIzMjI3MzZg2MTk1/Q0/m/MzI5MjI3MzZg2MTk1/details
2	Dr. P. Johnson Babu		
3	Mrs. M. L. Sowjanya		

4. Pass percentage of students Program wise

S.No	Program	Year/Sem	Pass %
1	B. Sc(MECS)	I/I	25%
2	B. Sc(MPCS)	I/I	21%
3	B. Sc(MECS)	II/III	38%
4	B. Sc(MPCS)	II/III	36%
5	B. Sc(MECS)	III/V	52%
6	B. Sc(MPCS)	III/V	58%

17910312. **Guest Lectures / Workshops / Seminars organized for students**

S. No	Name of the Programme/Conference/Seminars	Title of the Programme	Venue & date
1.	Orientation program for B. Sc II & III Years.	Orientation / Induction Program	Room No: 405 & 406, 4 th Floor. 12 th June 2023
2.	Student Induction Program for I Years – Day 1	Student Induction Program	Jubilee Hall, 2 nd Floor 19 July 2023
3.	Student Induction Program for I Years – Day 2	Student Induction Program	Online Mode – Google Meet 20 July, 2023
4.	Diagnostic Test conducted for the students of I Years	Bridge Course	Room No. 507, V th Floor 05-08-2023
5.	Science Club Activity – to all the students of St. Joseph’s Degree & PG College	“Scitainment - 2023”	Joseph’s Hall, 5 th Floor 18 th August 2023
6.	Live streaming of Chandrayan-3 - B. Sc.(MPCs/MECs) I,II,III Year	Launch of Chandrayan-3 on the Lunar surface of the south pole of Moon	Online Mode – Google Meet 23 August 2023
7.	Seminar - to all the science students (M.P.Cs/M.E.Cs/M.S.Cs)	“Science and Technology”	Joseph’s Hall, 5 th Floor 1 st September 2023

8.	Outreach Programme- B. Sc-All Streams (M.P.Cs/M.E.Cs/M.S.Cs)	Outreach Programme and an Open house quiz on Space.	BM BIRLA SCIENCE CENTER Hyderabad. 05-10-2023
9.	Seminar - to all the B. Sc. Final Year students (M.P.Cs/M.E.Cs)	Nano revolution Empowering daily life through nanotechnology applications	Room No. 507, V th Floor 09.02.2024
10.	Lab Visit - B. Sc. Final Year students (M.P.Cs)	Visit to smart lab Nano materials	Govt. city college Hyderabad. 13.02.2024
11.	B. Sc. Final Year students (M.P.Cs/M.E.Cs)	Expert talk on Environmental studies in collaboration with Dept, Mathematics and statistics	Room No: 508, 5 th Floor 23.02.2024
12.	Industrial Visit - B. Sc. II & III Year students (M.E.Cs & MPCs)	Center for Materials for Electronics Technology (CMET) ministry of electronics and information technology	CMET, Hyderabad 28.02.2024
13.	Science Club Activity – to all the students of St. Joseph's Degree & PG College	Josephiesta 2024 – The Z Factor	Room No: 506 , 5 th Floor & Computer Lab – 3 rd Floor 29.02.2024
13.	National Science Day celebrations - B. Sc. (M.P.Cs/M.E.Cs) – All Years	National Science Day Celebrations	Rastrapathi nilayam, Hyderabad 26 th - 28 th February 2024
14.	Outreach Program- B. Sc. – I Year (M.E.Cs)	Visit to Antarctica room	BM BIRLA SCIENCE CENTER Hyderabad. 01-03-2024

10. Faculty Attended Programmes

S. No	Name of the Programme/ Conference/ Seminars	Title of the Programme	Date	Venue
Mr.R.Ashok Kumar				
1	FDP	Institutional preparedness for NEP 2020 IMPLEMENTATION	5th June to 9th June 2023.	IQAC, St. Joseph's Degree & PG College
2	Seminar	Financial Wellness Enhancement on Financial Literacy	27.10.2023	Excellence Global Skills
3	Seminar	IP Awareness/ Training Program	19.01.2024	National Intellectual Awareness Mission
Dr.P.Johnson Babu				
1	Faculty Development Programme	“INSTITUTIONAL PREPAREDNESS FOR NEP 2020 IMPLEMENTAION” Organized by Internal Quality Assurance Cell, St.Joseph's Degree & PG College, King Koti Road, Hyderabad	5 th June to 9 th June 2023,Joseph's Hall	IQAC, St. Joseph's Degree & PG College
2.	FDP	Faculty refresher Course	20 th June to 4th July 2023.	IQAC, St. Joseph's Degree & PG College
3	Seminar	“CO-PO Mapping” by Mrs.Joseph Mary	19th July2023	IQAC, St.Joseph's Degree & PG College, Hyderabad

4.	Master class	Pantech Solutions	12. 07. 2023 to 12. 08. 2023	Pantech e – learning Master Class Internet of Things
5.	International conference	Advances in Electrical, Electronics and Computational Intelligence (ICAEECI 2023)	19 and 20, October 2023	K.S.R. College of Engineering, Tiruchengode, Tamil Nadu, INDIA
6	Seminar	Financial Wellness Enhancement on Financial Literacy	27.10.2023	Excellence Global Skills
7.	Seminar	IP Awareness/ Training Program	19.01.2024	National Intellectual Awareness Mission
8	FDP	NEP 2020 Orientation And Sensitization Programme	Feb 5-Feb 14,2024	MM-TTP,Central University of Haryana
9	Master Class Coordinator	Co - coordinator and Participant of Master class on Embedded Systems	14. 02. 2024 to 06. 03. 2024	Pantech e - learningMaster Class Internet of Things
10.	National Conference	Material Characterization and Hand on training on the materials simulation software	Feb 26 - Feb 28,2024	Dayanand Sagar College of Engineering
Mrs. M.L.Sowjanya				
1	Faculty Development Programme	“INSTITUTIONAL PREPAREDNESS FOR NEP 2020 IMPLEMENTAION” Organized by Internal Quality Assurance Cell, St.Joseph’s Degree & PG College, King Koti Road, Hyderabad	5 th June to 9 th June 2023,Joseph’s Hall	IQAC, St. Joseph’s Degree & PG College

2	FDP	Faculty refresher Course	20 th June to 4th July 2023.	IQAC, St. Joseph's Degree & PG College
3	Seminar	"CO-PO Mapping" by Mrs. Joseph Mary	19th July 2023	IQAC, St. Joseph's Degree & PG College, Hyderabad
4.	National	5 Day National level lecture series on Energy Conversion and Storage	24-28 July 2023	Dept of Physics, School of Advanced sciences, VIT, Andhra Pradesh
5.	Workshop	One day workshop on Research and Innovation	20-Jan-24	IIC, Research Innovation cell, St. Francis college, Koramangala, Bangalore
6.	FDP	NEP 2020 Orientation And Sensitization Programme	Feb 5-Feb 14, 2024	MM-TTP, Central University of Haryana

11. Faculty training programs attended - NIL

12. Faculty Completed NPTEL / Swayam Courses

S.NO	Name of Faculty	NPTEL course
1.	M. L. Sowjanya	Numerical Methods and Simulation Techniques for Scientist and Engineers

13. Faculty received financial support to attend conferences /payment of membership fee of professional bodies - NIL

14. Field Visits / Industry visits -

S.NO	INDUSTRY VISITED	PROGRAMME	DATE
1.	Visit to smart lab Nano materials	B. Sc(M.P.Cs)	09.02.2024
2.	Center for Materials for Electronics Technology, Cherlapally, Hyd (C-MET) ministry of electronics and information technology	B. Sc(M.E.Cs)	28.02.2024
3.	visit to Antarctica room, BM BIRLA SCIENCE CENTER Hyderabad	B. Sc (M.P.Cs) & B. Sc (M.E.Cs)	01-03-2024

III. Research

17910440. **No of PhDs in the department**

S. No	Name	Department
1	Dr. P. Johnson Babu	Physics and Electronics

2 .No of Faculty pursuing PhD -

S. No	Name	Department
1	R. Ashok Kumar	Electronics

No of faculty published papers details - peer reviewed, ugc care, scopus, wosabdc

S.No	Name	Peer reviewed	Ugc care	Scopus	Wos	abdc
1	R. Ashok Kumar		✓	✓		
2	Dr. P.Johnson Babu		✓	✓		
3	M. L. Sowjanya	✓			✓	

- **Citation index if any - NIL**
- **No of faculty presented papers details - NIL**
- **In house Research projects - NIL**
- **External Funded Research Projects – NIL**

5. In house Research projects - NIL

6. External Funded Research Projects - NIL

7. Number of Books and Chapters in edited volumes/books published - NIL

8. Faculty as editor of Journals-NIL

9. Faculty appreciations/Recognitions

S .No	Name of the Faculty	Achievements
1	Mr. R. Ashok Kumar	1. Received Recognition certificate for outstanding contribution Department of Physics & Electronics as Head.
2	Dr. P. Johnson Babu	1. Awarded Ph. D Degree in Physics from Osmania University 2.Received Recognition certificate for the completion of Ph.D.
3	Mrs. M. L. Sowjanya	1. Received Recognition certificate for Best Faculty contributor from the Department.

10. No of Collaborative Activities and Collaborations – NIL

INFRASTRUCTURE

1. Number of books available in the library of your courses

S. No	No. of Books
1	112

2. Number of new editions during 23-24

S. No	No. of Books
1	04

**3. E-journals available: 1. Electronics for You
2. Physics Today**

4. Journals available: Nil

5. No. Of computers / labs: 13

6. No. of printers: 1

7. No. of LCDs: 1

8. Student Orientation Program



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DEPARTMENT OF PHYSICS & ELECTRONICS

ACTIVITY REPORT

General Information

Type of Activity	One Day orientation of B. Sc.(M.P.Cs./ M.E.Cs/M.S.Cs) II & III years
Title of the Activity	Orientation of Academic Year 2023 - 2024
Date/s	12-06-2023
Time	8.30 am - 1:15 pm
Venue	Room No: 405 & 406 (IVth Floor)
Collaboration/Sponsor (if any)	Collaboration with internal departments (Mathematics & Statistics and Computer Science)

Speaker Details

Name	Mr. R. Ashok Kumar
Title/Position	H.O.D, Department of Physics and Electronics
Organization	St. Joseph's Degree & PG College
Title of Presentation	Academics, Department of Physics and Electronics

SpeakerDetails

Name	Mrs. Mary Vinay sheela
Title/Position	Dean,Academics
Organization	St. Joseph's Degree & PG College

Title of Presentation	No n – CPGA Courses – Co curricular Courses (Certificate Courses) & Academic Culture
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Speaker Details

Name	Prof. R. Anitha
Title/Position	Controller of Examination
Organization	St. Joseph's Degree & PG College
Title of Presentation	Examination Rules and Guidelines

Participants Profile

Type of Participants	Student/Faculty/Research Scholar
No. of Participants	Students-73 (B. Sc- II & III Years)

Synopsis of the Activity (Description)

Highlights of the Activity	1. Academic Culture and Highlights 2. Examination Orientation & Curriculum Explanation. 3. Importance of Credit based Study and Co-curricular Courses to get the credits.
Key Takeaways	1. Curricular & Extra Curricular 2. Examination Rules & Guidelines.
Summary of the Activity	Attached in Report
Follow-up plan	Yes

Report prepared by:

Name of the Organiser	Dr. P. Johnson Babu
Designation/Title	Assistant Professor, Department of Physics and Electronics
Signature	

Mr. R. Ashok Kumar
Head, Department of Physics & Electronics.
Annexure:

Rev. Fr. Anthony Sagayaraja
Principal

1. Detailed Report



ST. JOSEPH'S DEGREE & PG COLLEGE^E

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Orientation Program for B. Sc. IIIrd and IInd year Academic Year 2023-2024

Date : 12th June, 2023

Timings : 8:30 AM to 1:30 PM

Room No. and Venue: 405 & 406 (IVth Floor), College Campus

Target Group : B. Sc.(MPCs/MECs) IIIrd and IInd year

Organized by : **Department of Physics and Electronics.**

Report:

The Department of Physics and Electronics organized an orientation program on 12th June 2023 for B. Sc. IIIrd and IInd year Students. The orientation began by invoking the blessing of almighty through a prayer by Dr. P. Johnson Babu, Assistant Professor, Department of Physics and Electronics. The orientation is addressed by Principal Rev. Fr. Anthony Sagayaraja. He focused on the discipline to maintain the harmony and decorum of the college. He also enlightened the importance of Academics and quoted "If you wish then you can succeed in the life". Mr. R. Ashok Kumar, Head, Department of Physics and Electronics discussed the course structure of the semesters and inculcated the importance of each subject of Physics and Electronics. He highlighted the importance of attendance for attempting internal and external Examinations. He also motivated students to be a part of Josephs Social responsibility (JSR) and Josephs Green Group (JGG) and suggested students to take a leadership role in organizing and conducting the Science club activities. He emphasized on positive thinking and also explained how to analyze the dream and achieve a goal. He gave a detailed information about the certificate courses and importance of the credits for the extra and co - curricular courses. Along with this, he told students to inculcate the reading habit by visiting the library.

Mrs. Vinaya Sheela, Dean Academic of Sciences shared her view about the importance of academics with the students. The orientation is continued by Mr. D. Srinivas Reddy, Head, Department of Mathematics and Later it is continued by Dr. P. Johnson Babu, Assistant Professor, Department of Physics and Electronics and Mrs. S. Vijaya Laxmi, Assistant professor of Statistics.

Apart from the academics, the orientation about the sports was taken by Dr. Sridhar Reddy, Physical Director and he explained the importance of sports to enhance physical and mental capability.

Controller of Examination Prof. R. Anita, Oriented about the College examinations. She discussed rules and regulations of the examinations in detail to enlighten the student's the process of examinations and the importance of internal examinations and marks.

The Centre for Social Transformation Orientation is given by Mrs. S. Vijayalaxmi, she discussed about the importance of social events.

The Placement cell convener Mrs. Swetha, Oriented about the College Campus placement rules and regulations to the Final Year Students. She cultivated the importance of placements and the required conditions to be obtained by the students for the placements.

Mr. R. Ashok Kumar
Head, Department of Physics & Electronics.

Rev. Fr. Anthony Sagayaraja
Principal

2. Speaker Profile



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FACULTY PROFILE

Speaker/Guest/Presenter Details

Name	Mr. R. Ashok Kumar, of Physics & Electronics
Designation	Head of the Department
Qualification	M.Sc. (Applied Electronics), UGC - NET
Mail-Id	ashok@josephscollege.ac.in
Experience	Overall 24years: InHouse:12 Years Outside: 12 Years

3. Geo tag Photos of the activity (not more than two).



45461928.

Attendance list of participants



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B.Sc Orientation Program 2023-2024

Attendance List

MPCs-II year

Date: 12.06.2023

Venue: Room no: 406

S. No.	Hall Ticket No	Name of the Student	Signature
1	121422468002	Rawoola Leelavardhan	
2	121422468003	Putta Somashekar	
3	121422468004	Rudra Pratap Singh	
4	121422468005	Golla Yuva Teja	
5	121422468006	Mathukumalli Sai Sujit	
6	121422468007	M Abhishek Vardhan	
7	121422468008	Gundu Sahith	
8	121422468009	Karan Kalle	
9	121422468011	Gouni Tarun Goud	
10	121422468012	S Srinid Kumar	
11	121422468013	Md Musheer Sohail	





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B. Sc Orientation Program 2023-2024

Attendance List

MECs-II year

Date: 12.06.2023

Venue: Room no: 406

S. No.	Hall Ticket No	Name of the Student	Signature
1	121422474001	A Tejaswini Baitharu	A Tejaswini
2	121422474002	Alamuri Hari Srikar	
3	121422474003	Anvs Aravind	
4	121422474004	Marisetti Sai Charan	Sai Charan
5	121422474005	K Aparna	
6	121422474006	Noman Khan	
7	121422474007	Pigil Siddhartha Yadav	
8	121422474008	Sarkur Narasimha	
9	121422474009	Seekoti Benjoshua	Benjoshua
10	121422474010	Swarnali Roy	Swarnali Roy
11	121422474011	Taraniganti Bhesaja Brunda Sai Naga Lakshmi	
12	121422474012	Jangam Yashraj	
13	121422474013	Kollipara Moses	
14	121422474014	Gottikay Siddi Sai	
15	121422474015	Gorla Sudheer	Sudheer

16	121422474017	B Dharma Teja	
17	121422474018	Perugula Kaarthik Yadav	
18	121422474019	Saigari Sujith	
19	121422474020	Sardar Sathbeer Singh	<i>Sathbeer</i>
20	121422474021	Mariyam Jaffar Alkaaf	<i>Mariyam</i>
21	121422474022	Koli Rohit Dilip	
22	121422474023	Firas Adil Ahmed	<i>F</i>
23	121422474024	Abdullah Bin Ali	
24	121422474025	Vikesh Parshuram Chavan	
25	121422474026	Abhilash Joshi	
26	121422474027	Mohd Akram	
27	121422474028	Jemmadi Siddhartha Reddy	<i>J.S.R</i>
28	121422474029	Nirdula Muralidhar Reddy	
29	121422474030	Mohammed Ashfaq	<i>Ashfaq</i>
30	121422474031	Vyshnavi Komuravelli	
31	121422474032	Koraganti Raviteja	





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B.Sc (MECs) III year Orientation Programme 2023-2024

S No	Hall Ticket Number	Name of the Student	Signature
1	121421474001	ANDE MAHENDRA	
2	121421474003	G SHARVANI	<i>G. Sharvani</i>
3	121421474004	K MANIKANTA SAI	<i>Manikanta</i>
4	121421474005	KARANAM PRABHAKARA RAO	<i>Prabhakara</i>
5	121421474006	KASU ROHAN REDDY	<i>Rohan</i>
6	121421474007	KOPPU KARTHIK RAMAN	<i>Kartik</i>
7	121421474008	MELVIN JOEL ANTONY RAJ	<i>Melvin</i>
8	121421474009	MOHAMMED OMAR ABDULLAH	
9	121421474010	THAKUR ADITHYA SINGH	<i>T. Adithya</i>
10	121421474011	KOTHALAPURAM AKHIL REDDY	
11	121421474012	TARUN SHINDE	<i>Tarun</i>
12	121421474013	MOHAMMED SALMAN KHAN	
13	121421474016	GOVADA PEARCY RICHARD RAJ	<i>Pearcy</i>
14	121421474017	KETHAVATH SHASHANK	
15	121421474018	JANAPALA VAISHNAVI	<i>J. Vaishnavi</i>
16	121421474019	MANNE SHASHANK RAO	
17	121421474020	BOSHETTY RAMA KRISHNA	
18	121421474021	NAGELLASHIVAREDDY	
19	121421474022	SAMALA CHAITANYA	<i>Chaitanya</i>
20	121421474023	MOHAMMAD BIN SAYEED	<i>Mohammed</i>
21	121421474024	HRISHABH	
22	121421474025	JUHI KANDPAL	
23	121421474026	PANDIRI LOKESH KUMAR	
24	121421474027	MIRZA KOUNAIN ALI BAIG	

HoD:





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B.Sc (MPCs) III year Orientation Programme 2023-2024

S No	Hall Ticket Number	Name of the Student	Signature
1	121421468002	BOMMINA MOKSHA PRASUNADH	
2	121421468003	DEVRAJ SAI TEJA	
3	121421468005	DRUVA SHEETAL SINGH	
4	121421468006	G SOWMYA	
5	121421468007	JOSEPH RISHWANTH REDDY GOLAMARI	
6	121421468008	TELUGU MOUNIKA	
7	121421468009	VANAM NAGA SAI HARSHA	
8	121421468010	PAKANATI AKASH REDDY	
9	121421468011	SYLVESTER PERCY ENGLEBERT	
10	121421468012	TALLA VIKRANTH	
11	121421468013	KANTEKAR NAGESH	
12	121421468014	MANDA DURGA LAKSHMI	
13	121421468015	TALWAR NEERAJA	
14	121421468016	CHILUKA SAI MANIDEEP	
15	121421468018	SYED ABDUL JABBAR HUSSAIN	
16	121421468019	JATANGI UPENDAR	
17	121421468020	BHOOMIKA SINGH	
18	121421468022	DIVYA CHENNA	
19	121421468023	NARABOINA MALLIKARJUN	
20	121421468025	U. SURESH	

HoD:





ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University
Re-accredited by NAAC (3rd Cycle) with B⁺⁺ Grade
King Koti Road, Hyderabad
Department of Science
Academic Year 2023-24

Ref.No. SJC/07-06-2023/DS/01

Notice for Students

Orientation Program for B. Sc (MPCs/MECs/MSCs) III Year Students

Date: 12-06-2023

Venue: Room No. 508

This is to inform B.Sc III year students that the orientation program is scheduled on 12-06-2023 from 8:30am to 1:15pm by respective HoD's to brief students about Campus culture, Academic culture and Department culture. It is mandatory for all the students to attend the program.

Orientation Program Schedule

8.30 am to 8.35 am	Prayer - By Mrs. Kiran Jyothi
8.40 am to 9.10 am	By Mrs. Kiran Jyothi ➤ College Culture ➤ Academic Culture
9.10 am to 9.20 am	Address by Principal Rev. Fr. Anthony Sagayaraja
9.20 am to 10.05 am	Orientation about the Department by Mr. D. Srinivas Reddy, Head, Department of Mathematics & Statistics
10.05 am to 10.50 am	Orientation about the Department by Mrs. M. Kiran Jyothi, Head, Department of Computer Science
10.50 am to 11.00 am	Introduction to ELQ (English Language Scholarship) by Mr. Venkateshwara, Head Institutional Counseling, GECF
11.00 am to 11.30 am	Break
11.30am to 12.15 pm	Orientation about the Department by Mr. R Ashok Kumar Head, Department of Physics & Electronics
12.15pm to 12.35pm	Orientation on Examinations by Prof. R. Anita, CoE.
12.35pm to 12.55pm	About placements by Ms. Swetha, Placement Officer.
12.55pm to 1.15pm	About Sports Dr. Sridhar Reddy, Physical Director


Dean Academics




Principal

9/6/23



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King Koti Road, Hyderabad

Department of Science
Academic Year 2023-24

Ref.No. SJC/07-06-2023/DS/01

Notice for Students

Orientation Program for B. Sc (MPCs/MECs/MSCs) II Year Students

Date: 12-06-2023

405/406

Venue: Room No.

This is to inform B.Sc II year students that the orientation program is scheduled on 12-06-2023 from 8:30am to 1:15pm by respective HoD's to brief students about Campus culture, Academic culture and Department culture. It is mandatory for all the students to attend the program.

Orientation Program Schedule

8.30 am to 8.35 am	Prayer - By Mr. P. Johnson Babu
8.40 am to 9.20 am	By Mr. D. Srinivas Reddy ➤ College Culture ➤ Academic Culture
9.20 am to 9.30 am	Address by Principal Rev. Fr. Anthony Sagayaraja
9.30 am to 10.15 am	Orientation about the Department by Mrs. M. Kiran Jyothi, Head, Department of Computer Science
10.15 am to 11.00 am	Orientation about the Department by Mr. R. Ashok Kumar, Head, Department of Physics & Electronics
11.00 am to 11.30 am	Break
11.30am to 12.15 pm	Orientation about the Department by Mr. D. Srinivas Reddy, Head, Department of Mathematics & Statistics
12.15pm to 12.35pm	About Sports Dr. Sridhar Reddy, Physical Director
12.35pm to 12.55pm	Orientation on Examinations by Prof. R. Anita, CoE.
12.55pm to 1.15pm	Center for Social Transformation Orientation by Mrs. S. Vijayalaxmi.


Dean Academics




Principal



45462312. **Responsibility Sheet:**



ST. JOSEPH'S DEGREE & PG COLLEGE^E

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King Koti Road, Hyderabad

- ❖ Schedule of the program: Mr. R. Ashok Kumar
- ❖ Notices : Mr. R. Ashok Kumar
- ❖ Discipline : Mrs. S Vijayaraxmi, Mrs. J. Harika and Dr. P. Johnson Babu.
- ❖ Attendance : Mr. M. Sathyanarayana .
- ❖ Geo tag photos : Dr. P. Johnson Babu
- ❖ Overall Co-ordinator : Mr. R. Ashok Kumar

45463080. **Feedback & Analysis (if any)**

1. The orientation as a whole was very valuable in informing and giving an insight into expectations of my course.
2. It was such a great and extremely helpful day. I really enjoyed it and got so much from it. Many thanks to all of the great staff.
3. The overall information given to us was a great insight which made it well worth attending.
4. Friendly approachable staff members that helped to create a feeling of belonging.
5. The course specific talks were extremely helpful.
6. Orientation was a fantastic experience where both the welcome Session and the program Information session provided useful advice & information.
7. Very useful. Now I am ready for this semester.
8. I found that the program sessions were extremely useful, great sources of information and taught me a lot about how r should be approaching University study.
9. Thank you for such an informative, friendly day, Great orientation
10. Thank you for such a great event! I was dreading the day, thinking that I would be bored and just hear all of the things I had already read on the net. But I was pleasantly surprised. I now feel ready to tackle this challenge head on.

8. Certificate Sample (if any) – NO

Mr. R. Ashok Kumar
Head, Department of Physics & Electronics.

Rev. Fr. Anthony Sagayaraja
Principal

8.Student Induction Programme:

9. Student club activities:

Attach Science club activities

S.No.	Event	Date	No .Of participants
1.	“Scitainment - 2023”	18 th August2023	100
2.	“Science and Technology”	1 st September 2023	80
3.	Josephiesta 2024 – The Z Factor	29 th Feb 2024	86

10. Capacity Development Programs -Soft Skills, Language and Communication Skills, Life Skills (Yoga, Physical fitness, Health and Hygiene), Awareness of Trends in Technology with no.of students involved-Nil

11.Career Guidance Programs with no of students attended-Nil

12.Student participation in external competitions and achievements :

S.no	Name of student	Class	Participated Event	Achievement
1	Slyvester	BSC(III)YEAR	QUIZ	WON THIRD PRIZE
2.	R.P.SINGH	BSC(II)YEAR	QUIZ	WON THIRD PRIZE
3.	QUENCY	BSC(II)YEAR	QUIZ	WON THIRD PRIZE
4.	VAISHNAV	BSC(II)YEAR	QUIZ	WON THIRD PRIZE
5.	ANKITHA	BSC(II)YEAR	QUIZ	WON THIRD PRIZE

13. Number of cultural events / competitions organized-**NIL**

1. Alumni contribution during the year (Financial, guest lectures, admission, placement assistance internship etc..)-NIL
2. Alumni Meetings -NIL
3. Events conducted-gender sensitization, environmental consciousness, sustainability

S.NO	PROGRAMME	SPEAKER	DATE
1	ENVIRONMENTAL STUDIES	Dr. Syeda Azeem Unnisa – Asst. Professor, Board of studies in Environmental Science	23 rd February 2024

17.Celebration of national, international commemorative days and festivals

S.NO	NAME OF EVENT	DATE	ACTIVITY CONDUCTED
1.	NATIONAL ENERGY CONSERVATION DAY	14 Dec 2023	Outreach programme conducted at Govt High School,Basheerbagh
2.	NATIONAL SCIENCE DAY	28 Feb 2024	Industrial Visit and Participated in in the celebrations at Rastapahi Nilayam

1. Extension activities carried out in the neighborhood sensitizing students and Outreach programs

S.NO	NAME OF EVENT	DATE	ACTIVITY CONDUCTED
1.	NATIONAL ENERGY CONSERVATION DAY	14 Dec 2023	Outreach programme conducted at Govt High School,Basheerbagh

2. Placement details programme wise with pay package (date of visit, name of company)

S.No	Name of student	Roll Number	Class	Company	Package
1	G SHARVANI	121421474003	Bsc MECS	ADP	3,00,000
2	JANAPALA VAISHNAVI	121421474018	Bsc MECS	Qspiders	
3	K. MANIKANTA SAI	121421474004	Bsc MECS	Qspiders	
4	Kasu Rohan Mathew Reddy	121421474009	Bsc MECS	Qspiders	
5	Joseph Rishwanth Reddy Golamari	121421468006	Bsc MECS	Qspiders	
6	THAKUR ADITHYA SINGH	121421474010	Bsc MECS	Qspiders	
7	N Shiva Reddy	121421474021	Bsc MECS	Qspiders	
8	Manne shashank Rao		Bsc MECS	Qspiders	
9	Tarun Shinde	121421474012	Bsc MECS	PWC	
10	MANDA DURGA LAKSHMI	121421468014	Bsc MPCS	Qspiders	
11	BHOOMIKA SINGH	121421468021	Bsc MPCS	Qspiders	
12	Sylvester Percy	121421468011	Bsc MPCS	Qspiders	
13	JATANGI UPENDAR	121421468019	Bsc MPCS	Qspiders	

3. List of new companies visited- Nil

4. Paid internship details- Nil

5. No. of students (SC, ST, BC, OBC etc..)

- To impart value based science education and train students to turn out full-fledged science graduates in the field of physics & electronics with an overall background suitable for making a successful career either in Industry/Research and/or higher education.

- Highly proactive department in its responsibility for the Industry-Institution-Interaction by organizing expert lectures at regular intervals with the experienced and expert practitioners from the industry.

- Having highly motivated and experienced faculty with average experience of 24 years.

- Promotion of self learning abilities and Inclusive student monitoring system by actively involving parents on a regular basis.

- Department has spacious laboratories with the equipment reflecting the state of the art technology including simulation lab, microcontroller lab, modern physics lab, etc.

- Department club “Science Club – Fusion Sparks” is Learner friendly environment where the students are encouraged to participate in technical seminars, annual events organized both in the college as well as outside.

- Peer level influences channelization by dividing the students into small groups of five members and member complementing the other in collaborative learning activities through promotion of group activities including submission of assignments.