

# PRAGATI ENGINEERING COLLEGE

(Approved by AICTE, Permanently Affiliated to JNTUK Kakinada & Accredited by NBA)

# 1-378, ADB Road, Surampalem, E.G. District, A.P.-533 437

## DEPARTMENT OF BASIC SCIENCES & HUMANITIES



Learning is Supreme Deity

# B SH -TIMES

## VOLUME#25

## ISSUE#1

### ACADEMIC YEAR: 2023-24

### Jan -24 to Jun-24

## FROM H.O.D'S DESK

### ABOUT BSH DEPARTMENT:

The Department of Basic Sciences and Humanities caters to the needs of the students in Science, Humanities, Engineering and Technology programmes. It imparts knowledge in Applied Physics, Applied Chemistry, Environmental Science, Mathematics and English language. The Department ensures quality education and trains the students by constantly revising the syllabi in consultation with the experts from both academia and industry. The Department pays special attention to weak learners from the beginning of the semester, in order to produce good results consistently in the final examination every semester. The Department of English equips the students with the necessary communication skills and helps them in inter-personal interaction in their respective fields. The English department has well equipped lab with the Language software where the students can acquaint knowledge in speaking and listening skills.

**FROM HOD'S DESK:** Department Provides the common foundational course covering basic sciences and humanities to the B. Tech 1st year students. The Department consists of different subjects of studies namely Physics, Chemistry, Mathematics and Humanities (English). Qualified faculty members of the department have been making their constant efforts to improve the student's knowledge in fundamental principles and understanding of basic sciences. Besides academics, the department also participates in the development of student's communication and soft skills to boost them in the competitive environment.

### *Our Vision:*

*To provide a strong foundation for engineering aspirants with advanced knowledge of basic sciences and humanities for lifelong learning.*

### *Our Mission:*

- *M1: To strengthen the fundamentals of basic sciences and humanities through well integrated team and state of the art infrastructure.*
- *M2: To impart academic and life skills with high degree of social consciousness and human values*
- *M3: To promote co-curricular and extra-curricular activities for overall personality development of students.*

**FACULTYLIST**

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Designation</b>
1	Dr. T.Satyanarayana	M.Sc., M.Phil., Ph.D	Assoc. Prof.
2	Mr. P. Madhu Babu	M.Sc. (Ph.D)	Asst. Prof.
3	Mr. Ch. Satish	M.Sc.	Asst. Prof.
4	Mr. P.Prasad Babu	M.Sc.	Asst. Prof.
5	Mr. A. Nagendra	M.Sc.	Asst. Prof.
6	Mrs.V.Indira Priyadarshini	M.Sc.	Asst. Prof.
7	Mrs.V.Durga Bhavani	M.Sc.	Asst. Prof.
8	Mr.D.Hanumantha Rao	M.Sc	Asst. Prof.
9	Ms.K.Devi	M.Sc	Asst. Prof.
10	Ms.V.Bhavani	M.Sc.	Asst. Prof.
11	Mr.B.Akshay Deep	M.Sc.	Asst. Prof.
12	Mrs.M.Iswarya	M.Sc. B.Ed	Asst. Prof.
13	Mr.K.V.Narayana	M.Sc.	Asst. Prof.
14	Ms.M.Chandralekha	M.Sc.	Asst. Prof.
15	Mrs. M. Madhavi	M.A. (Litt)	Asst. Prof.
16	Dr. J.D. Naidu	M.A.(Litt), M.Phil., Ph.D	Assoc.Prof.
17	Mr. K. Balaji	M.A. (Litt)	Asst. Prof.
18	Dr. K. Chakrapani	M.A (Litt), Ph.D	Assoc. Prof.
19	Dr. S. Prasad	M.A. (Litt),M.A.(ELT),B.Ed., Ph.D	Assoc.Prof.
20	Mr. G. Venkata Ratnam	M.A.(Litt), M.A. (ELT) (Ph.D)	Asst. Prof.
21	Dr.P.C.Viswanath	M.A. (Litt), Ph.D	Assoc. Prof.
22	Mr.A.Ajay Kumar Varma	M.A. (Litt)	Asst. Prof.
23	Mrs.K.Sudharani	M.A. (Litt)	Asst. Prof.
24	Mr.D.Sunil Kumar	M.A	Asst. Prof.
25	Mrs.Haritha.P	M.A. (Litt)	Asst. Prof.
26	Mrs.K.Aruna Kumari	M.A. (Litt) B.Ed.	Asst. Prof.
27	Ms.B.Tripura Madhu Mekhala	M.A. (Litt)	Asst. Prof.

<b>S.No</b>	<b>Name of the Faculty</b>	<b>Qualification</b>	<b>Designation</b>
28	Mrs.D.Rajyalakshmi	M.A. (Litt)	Asst. Prof.
29	Dr. P.V.S. Machi Raju	M.Sc., Ph.D	Professor
30	Mr. P. Satyanarayana	M.Sc.	Asst. Prof.
31	Mrs. R. Amulyam	M.Sc., (Ph.D)	Asst. Prof.
32	Mr.R.Veerababu	M.Sc.	Asst. Prof.
33	Ms.K.Swapna Sri Lalitha	M.Sc	Asst. Prof.
34	Joka Lalitha	M.Sc	Asst. Prof.
35		M.Sc.B.Ed.(Ph.D)	Assoc. Prof.
36	Mrs. P. Kiranmai	M.Sc.	Asst. Prof.
37	Mr. G. Bhaskara Rao	M.Sc., (Ph.D)	Asst. Prof.
38	Mr. N. Ramkrishna	M.Sc.	Asst. Prof.
39	Mr.M.V.V.Ganesh	M.Sc.	Asst. Prof.
40	Ms.P.Sravanthi	M.Sc.	Asst. Prof.
41	Mrs.PSV Haritha	M.Sc	Asst. Prof.
42	Mrs.S.Uzma Tabassum Taj	M.Sc	Asst. Prof.
43	Dr. N. Prasanthi	M.Sc., Ph.D	Asst. Prof.
44	Mrs. P. Sravani	M.Sc.(Ph.D)	Asst. Prof.
45	Mrs. S. Bhargavi	M.Sc.	Asst. Prof.
46	Sri. K.S.V.G.K. Murthy	M.Com. (Accounts) MBA (Marketing)	Assoc. Prof.
47	Mr. K. Anand	MBA (Finance & Marketing)	Asst. Prof.
48	Mr. G.Prasanna Kumar	MBA	Asst. Prof.
49	Mr.V.Ravi Chandra	MBA	Asst. Prof.
50	Ms.B.Lova Kumari	M.B.A	Asst. Prof.
51	Ms.V.Parameswari	M.B.A	Asst. Prof.
52	Ms.K.V.V.Vijaya Durga	M.B.A	Asst. Prof.
53	Mrs.G.Pavani	M.B.A	Asst. Prof.
54	Mr.V.Sudarsana Swamy Peketi	M.B.A	Asst. Prof.
55	Dr.B.Adinarayana	B.A., B.P.Ed., M.P.Ed, Ph.D	Asst. Prof.
56	Mr.K.Siva Prasad	M.Com; M.L.I.C, PGDLAN	Asst. Prof.
57	Mr.P.Surya Prakash Rao	B.Com ; M.L.I.C	Asst. Prof.

32	Mr.N.Ramkrishna	M.Sc.	Asst.Prof.
33	Mr.M.V.V.Ganesh	M.Sc.	Asst.Prof.
34	Mrs.K.DhanaLaxmi	M.Sc.	Asst.Prof.
35	Mr.A.Raju	M.Sc	Asst.Prof.
36	Mrs.PSVHaritha	M.Sc	Asst.Prof.
37	Dr.S.PurnaChandra Rao	M.Sc.,Ph.D	Assoc.Prof.
38	Dr.N.Surekha	M.Sc.,Ph.D	Assoc.Prof.
39	Mrs.P. Sravani	M.Sc.(Ph.D)	Asst.Prof.
40	Mrs.N.Prasanthi	M.Sc.,(Ph.D)	Asst.Prof.
41	Mrs.S.Bhargavi	M.Sc.	Asst.Prof.
42	Dr.N.V.Rao	M.Sc.Ph.D	VisitingFaculty
43	Sri.S.Vamsi Kiran	MBA,M.Phil.,(Ph.D)	Assoc.Prof.
44	Sri.K.S.V.G.K.Murthy	M.Com.(Accounts)MBA(Marketing)	Assoc.Prof.
45	Mr.K. Anand	MBA (Finance&Marketing)	Asst.Prof.
46	Mr.G.PrasannaKumar	MBA	Asst.Prof.
47	Mr.B.Rajesh Kumar	MBA, (Ph.D)	Asst.Prof.
48	Ms.K.Tanuja	B.Tech	Asst.Prof.
49	Mr.V.Ravi Chandra	MBA	Asst.Prof.
50	Ms.B.LovaKumari	M.B.A	Asst.Prof.
51	Ms.V.Parameswari	M.B.A	Asst.Prof.
52	Mr.D.HanumanthaRao	M.Sc	Asst.Prof.

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## Faculty Achievements

### Paper Publication

1. Dr.P.V.S.Machi Raju, assessment of organochlorine and organ phosphorus pesticide residues in ground water near agricultural activity areas of East Godavari district Andhra Pradesh India Journal of Chemical Health Risks (2024) 14(2), 61-71.ISSN:2251:6727.
2. Dr.K.Chakrapani, has published a paper “Breaking Silence, Crafting Change: Feminist Dialogues in Indian Women’s novels ” 2024.
3. Dr.S.Prasad, has published a paper “Breaking Silence, Crafting Change: Feminist Dialogues in Indian Women’s novels ” 2024
4. Mrs.N.Prasanthi has published a paper “**Seasonal distribution of Phytoplankton in river Gowthami – Godavari**”, Andhra Pradesh. 2023.
5. Mrs.M.Madhavi has published a paper **Literature a Fountainhead of Values for A Better Society** 2023.

### WORKSHOP:

1. Mr.G.Prasanna Kumar has participated in 3 days online workshop and writing and publishing research articles in Scopus and Web of Science Indexed journals from 5<sup>th</sup> to 7<sup>th</sup> June 2023.
2. Mr.G.Prasanna Kumar has participated in 5 days online workshop on How to write a thesis from 3<sup>rd</sup> to 7<sup>th</sup> July 2023
3. Mr.G.Prasanna Kumar has participated in 3 days International workshop on Statistical data Analysis using SPSS organized by department of a Research and Publications, A to Z Edu learning hub LLP on 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> September 2023.

### Ph.D Awarded

1. Mrs.N.Prasanthi Awarded Ph.D on August 2023 Department of Environmental Science from Acharya Nagarjuna University, Guntur.

**Conferences:**

1. Mr.G.Prasanna Kumar has presented a paper “ Impact of Macroeconomic variables on Stock Market returns : Evidnce from Indian Stock Market in one day international E conference Research, Innovation and development on 24.03.2024.
2. Mr.G.Prasanna Kumar has presented a paper “ Bridging Financial inclusion : Understanding the awareness and opening demat accounts among rural communities in international conference themed Convergence 2024: Harmonizing AI and Humanities for a sustainable discourse” held on 23<sup>rd</sup> March 2024 Don Bosco Arts and Science College International conference
3. Mrs.P.Sravani has presented a paper presentation on entitle on A study on factors effecting Surface Water through deffused pollution from 10<sup>th</sup> to 12<sup>th</sup> June 2020-23 Jointly organized by Parvati Bai Genba Moze College of Engineering, Pune and international Association of Rresearch and developed organization with the collaboration of conference World international conference on Modern Engineering Science and Management.
4. Dr.T.Satyanarayana, presented a paper named as “On $\emptyset$ -Con formally flat Lorentzian Para – Kenmotsu Manifolds” in a conference at GVP College of Engineering Vishakhapatnam on 6-08-2023.
5. Mrs.P.Sravani has presented a paper presentation on entitle on Agricultural Run off effecting surface waters a Study of current practices in Internatinal conference on Multidispline innovate Research and development 2023 and international award surmony puraskar for Srujana 2023 on 1<sup>st</sup> and 2<sup>nd</sup> July 2023.
6. Mr.G.Prasanna Kumar has participated presented a paper Study on Recent Trends and developments of small Finance Banks in India, In the international conference on Fianncial inclusion and inclusive growth held on 4th August 2023 at Jairams Arts and Science College, KARUR.
7. Mr. P. Raj Shekhar Phaneendra has participated and presented a paper entitled “Green Synthesis of some Nanoparticles and their scientific and Engineering Applicants” held on 26th and 27th May 2023 at Narasaraopeta Engineering College.
8. Mrs. P. Sravani has participated and presented a paper entitled “Agriculture Runoff Affecting Surface Waters: A study of Current Practices” held on 1st and 2nd July 2023 at International

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Conference on Multidisciplinary Innovative Research and Development & International Award Ceremony PURASKAR FOR SRUJANA 2023.

9. Dr. T. Satyanarayana has Presented a paper entitled "On a class of Lorentzian Para-kenmotsu Manifolds Admitting the W.3. Projective Curvature" from 9-13 July 2024 organized by Department of Mathematics, Koneru Lakshmaiah Education Foundation (Deemed to be University), Guntur.
10. P. RAJSHEKHAR PHANEENDRA has Presented a paper entitled " Synthesis, Characterization and Thermal Stability of CuO -Ag Nano Composites and their Bioevaluation" in the International Virtual conference on Perspectives From Basic Sciences And Humanities NEC-IVCPBSH-2K24 organised by the department of Basic sciences and Humanities, Narasaraopeta Engineering College on 19th I 20th July, 2024.

**FDP'S:**

1. Mrs.P.Sravani has participated 6 days online FDP entitled as including Universal Human Values – II in technical education from 27<sup>th</sup> May to 1<sup>st</sup> June organized by AICTE 2024.
2. Dr.N.Prasanthi has participated 6 days online FDP entitled as including Universal Human Values – II in technical education from 27<sup>th</sup> May to 1<sup>st</sup> June organized by AICTE 2024.
3. Mrs.S.Bhargavi has participated 6 days online FDP entitled as including Universal Human Values – II in technical education from 27<sup>th</sup> May to 1<sup>st</sup> June organized by AICTE 2024.
4. Mr.G.Prasanna Kumar, participated in 8 weeks NPTEL AICTE FDP entitled on “Behavioral and Personal Finance” from Jan 2024 to March 2024.
5. Mr.G.Prasanna Kumar participated in 3 days FDP on “Fundamentals of Research of Methodology ” organized by department of research and publications, A to Z Edu learning hub LLP on 8<sup>th</sup> 9<sup>th</sup> and 10<sup>th</sup> Feb 2024.
6. Mr.G.Prasanna Kumar participated in 5 days National level FDP on “Business analytics and emerging technologies” organized by department of Management Studies Madanapalli Institute of Technology and Science.
7. Mrs.M.Madhavi, participated in 8 weeks NPTEL AICTE FDP entitled on “Group Dynamics” from Jan 2024 to March 2024.
8. Mr.Ch.Satish participated in 4 weeks NPTEL AICTE FDP on “Introduction to Probability and statistics” from the department of Mathematics from Jan to Feb 2024

9. Mrs.M.Madhavi, participated in 7days National Level virtual FDP entitled exploring cultures diversity in travel writing organized by department of English PPG College of Arts and Sciences Coimbatore from 22.02.2024 to 27.02.2024
10. Mrs.K.Aruna Kumari, participated in 7days National Level virtual FDP entitled exploring cultures diversity in travel writing organized by department of English PPG College of Arts and Sciences Coimbatore from 22.02.2024 to 27.02.2024
11. Mrs.B.Tripura Madhu Mekhala, participated in 7days National Level virtual FDP entitled exploring cultures diversity in travel writing organized by department of English PPG College of Arts and Sciences Coimbatore from 22.02.2024 to 27.02.2024
12. Mrs.D.Rajyalakshmi, participated in 7days National Level virtual FDP entitled exploring cultures diversity in travel writing organized by department of English PPG College of Arts and Sciences Coimbatore from 22.02.2024 to 27.02.2024
13. Dr.J.D.Naidu participated in 7days National Level virtual FDP entitled exploring cultures diversity in travel writing organized by department of English PPG College of Arts and Sciences Coimbatore from 22.02.2024 to 27.02.2024.
14. Mr.B.Akshay Deep, participated in 5day online FDP on “Discrete on Mathematics and its applications” organized by the Department of Mathematics CMR Institute of Technology , Bangalore from 19.02.2024 to 23.02.2024
15. Mrs.M.Madhavi, participated in 7days National Level virtual FDP entitled exploring cultures diversity in travel writing organized by department of English PPG College of Arts and Sciences Coimbatore from 22.02.2024 to 27.02.2024
16. Ms.V.Bhavani, participated in 5day FDP on “Recent advances in Mathematical modelling and optimization” organized by the Department of Mathematics CSSR and SRRM Degree and PG College of Kamalapuram from 8.1.2024 to 12.01.2024.
17. Ms.V.Durga Bhavani, participated in 5day FDP on “Recent advances in Mathematical modelling and optimization” organized by the Department of Mathematics CSSR and SRRM Degree and PG College of Kamalapuram from 8.1.2024 to 12.01.2024

### **WEBINAR'S**

1. Dr.T.Satyanarayana has participated in INTERNATIONAL WEBINAR ON NONLINEAR ANALYSIS AND MATHEMATICAL APPLICATIONS orgnaised by Mathematics Research Center, SITAM in collaboration with Uttara Andhra Society for Mathematical Sciences & Prof. S. Minakshi Sundaram Memorial Society (SMSMS) on 5-6 July,2024.



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**Book Chapter:**

1. Dr.K.Chakrapani published a chapter on breaking silence, crafting change feminist dialogue in Indian Women's novels in the book feminist - issues –Indian – Women – Novels – English Volume (2) , 2024.
2. Dr.S.Prasad published a chapter on breaking silence, crafting change feminist dialogue in Indian Women's novels in the book feminist - issues –Indian – Women – Novels – English Volume (2) , 2024.
3. Dr.K.Chakrapani published a chapter post –Colonial Literature and Literary Theory in India- A comprehensive Analysis in the book Post Colonial Literature and Literary Theory, 2024
4. Dr.S.Prasad published a chapter post –Colonial Literature and Literary Theory in India- A comprehensive Analysis in the book Post Colonial Literature and Literary Theory, 2024.

## Student Acheivements

**National Science Day : 28/02/2024**



**International Day Of Happiness : 20/03/2024**

**Some tips to be Happy for students:**

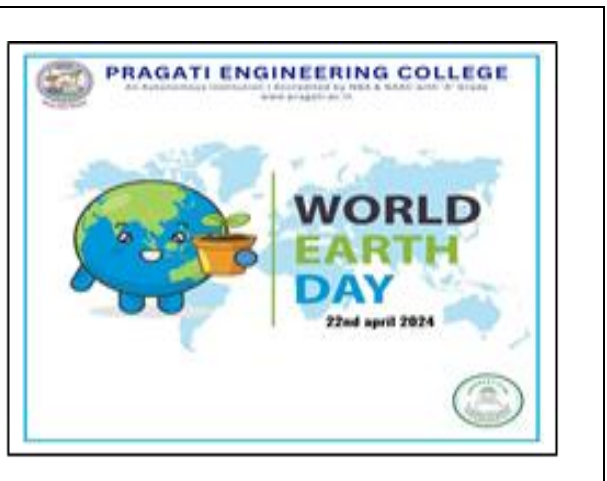
- Get yourself some time and some regular exercise.
- Avoid doing things that make you feel bad afterward but seem enjoyable at the time.
- Your sense of self-worth is how you feel about yourself.
- You can feel emotionally stronger by making wise dietary decisions.

On the occasion of “International Day of Happiness” to Spread Happiness in Pragati Engineering College, Hope for Change Club in collaboration with NSS UNIT is coordinating the activity on the date 20<sup>th</sup> March 2024. On these regard all department I, II & III year 110 students, Head of the Department-ECE, and some other faculty participated in this event and make it grand success.

**Poetry day: 21/03/2024**



**Earth Day: 22/03/2024**



**NCC:**

**NAME:- S.SURYA PAVAN**

**BRANCH :- AIML-A**

**ROLL NO :- 23A31A4259**

**EVENT :- AP FIRE DEPARTMENT TRAINING**



**Result analysis:****Academic Toppers List**

S.NO	Branch	Section	Year	Roll No.	Name of the Student	SGPA
1	CE	_	I-I	23A31A0120	VEDULA SASI ANOUSHKA	9.67
2	CE	_	I-I	23A31A0141	SALA NAGA VAMSI	8.49
1	EEE	_	I-I	23A31A0213	PASUPULETI DEVI SAI RAMYA	9.36
2	EEE	_	I-I	23A31A0222	VYSHNAVIKA BURLU	9.21
3	EEE	_	I-I	23A31A0216	PEMMANABOYINA CHANDINI	9.21
1	ME	_	I-I	23A31A0304	RENUKA VIJAYA DURGA RUTTALA	9.03
2	ME	_	I-I	23A31A0325	KANDIRELLI VEERA MANIKANTA	8.67
1	CS	_	I-I	23A31A4610	MUMMIDI JYOTHI SRI	8.92
2	CS	_	I-I	23A31A4636	DANTULURI SRIRAMA PRANEETH VARMA	8.67
1	ECE	A	I-I	23A31A0463	Uggina Tharun Lokesh	9.33
2	ECE	A	I-I	23A31A0408	Nakirikanti Rashmitha	9.23
3	ECE	B	I-I	23A31A0467	Attili Sai Sagarika	9.64
4	ECE	B	I-I	23A31A0476	Kandula Swathi Sri	9.08
5	ECE	C	I-I	23A31A04E1	Koduri Surya Kalyani	9.21
6	ECE	C	I-I	23A31A04D5	Chokkapu Jahnavi	8.82
7	ECE	D	I-I	23A31A04L3	Sirigineedi Lakshmi Sri Kavya Maheswari	8.9
8	ECE	D	I-I	23A31A04O4	Padala Surya Nivas	8.9
9	ECE	E	I-I	23A31A04J6	Akula Harika	8.79
10	ECE	E	I-I	23A31A04R0	Moyilla Sulochanarani	9.36
11	ECE	E	I-I	23A31A04Q7	Madini Kalyani	9.33
1	CSE	A	I-I	23A31A0518	Manchala Ysaswini	9.59
2	CSE	A	I-I	23A31A0559	Tummalapalli Sri Ganesh Vamsi	9.39
3	CSE	B	I-I	23A31A0577	Javvathi Bala Shanmukha Sowmya	9.54
4	CSE	B	I-I	23A31A0578	Joga Kokila Satya	9.41
5	CSE	C	I-I	23A31A05F6	S Soha Tabassum	9.49
6	CSE	C	I-I	23A31A05F4	Pilli Anusha	9.41
1	IT	_	I-I	23A31A1224	Sripathi Bhargavi	8.85



2	IT	_	I-I	23A31A1211	Gurani Navya Deepthi	8.82
1	AIML	A	I-I	23A31A4226	VADDI SAHITYA	9.71
2	AIML	A	I-I	23A31A4221	PENUGONDA MADHURI TEJA	9.37
3	AIML	B	I-I	23A31A4274	GEDDADA LAVANYA	9.41

S.NO	Branch	Section	Year	Roll No.	Name of the Student	SGPA
4	AIML	B	I-I	23A31A4279	KOTHA SUGANYA	9.27
5	AIML	C	I-I	23A31A42G2	ANAPARTHI BHASKARA VENKATA DURGA BHIMESH	9.46
6	AIML	C	I-I	23A31A42F7	TUMU CHANDRA KRANTHI	9.39
1	AI	A	I-I	23A31A4304	BASSA NAVYA	9.39
2	AI	A	I-I	23A31A4301	ADIREDDY SRIHITHA	9.24
3	AI	B	I-I	23A31A4378	PALIVELA SONIYA	8.98
4	AI	B	I-I	23A31A4372	MARISETTI SAI JYOTHI	8.63
5	AI	C	I-I	23A31A43F7	PADALA BHUVANA	9.41
6	AI	C	I-I	23A31A43D8	GEDDAM RENUKA	9.12
1	DS	A	I-I	23A31A4416	Perabattula Lakshmi Divya	9.17
2	DS	A	I-I	23A31A4457	Vasamsetti Hemanth Sanker	9.12
3	DS	B	I-I	23A31A4460	Chalagalla Sai Subha Sri	8.93
4	DS	B	I-I	23A31A4468	Koppula Devi	8.93
5	DS	B	I-I	23A31A44B4	Bandaru Sai Chandu	8.9
6	DS	C	I-I	23A31A44D4	Mortha Nikhila	9.12
7	DS	C	I-I	23A31A44H5	Vungarala Venkata Krishna	9

**EDITORIAL BOARD COMMITTEE:**

**P. Raj Shekhar Phaneendra, HOD-BSH**

**P. Sravani , Asst.Prof**