



Estd. 1997



Seemanta Engineering College

AN ISO 9001-2000 CERTIFIED INSTITUTION
| MAYURBHANJ | ODISHA |



Information Brochure

2011-12

CRYSTAL JUBILEE YEAR



*Message
from the*
PRESIDENT

Seemanta Engineering College (SEC) was established in the scenic foothills of Similipal Biosphere Reserve by The Seemanta Mahavidyalaya Samiti in 1997 with a mission to extend technical education to the people of the Nation with a special focus on the bordering regions of Odisha, Jharkhand and West Bengal putting an end to their prolonged quest.

The institute has been promoting world class technical education with all latest facilities to enlighten and enrich the socio-economic status of this tribal dominated rural region at an affordable price since the day of its inception to justify the objectives of private participation in technical education. To keep pace with the world it has been updating itself in every sphere ranging from the latest trends of the corporate cosmos to the use of technology in pedagogy to uphold its founding values of achieving technical excellence.

Our students are viewed as our brand ambassadors. We sincerely try and motivate to develop the scholars' overall personality and moral fiber which we consider is our foremost priority. SEC has in house pre-placement training programme to meet the requirement of potential employers in India and abroad in this regard. We also encourage, guide them to be efficient and effective entrepreneurs. It has been the privilege of the College to have a team of highly qualified and dedicated staff to groom the technocrats of tomorrow supported by a corporate focused placement cell with excellent figures of placement. This noble and humble effort of the institution has orchestrated a team to inspire, motivate and shape each other to escort SEC in its desired lane.

We congratulate and welcome all wannabe technocrats to join TEAM SEC to strengthen and enlighten the quality human resource requirement of our nation.

Er. Ashok Basa
President



*Message
from the*
PRINCIPAL

The convergence of time and space in the era of globalization and liberalization brought affluence to humanity through the modus Vivendi of technology and temperament. The only barrier remains in the path of an illuminated humanity is education. India's effort to register itself in the affluent category of nations necessitates massive effort of educating its huge population in conformity to the demands of the corporate cosmos to generate employment promoted technical education in India. The existence of over 1500 engineering colleges releasing over 5 lakhs engineering graduates every year in India posed great challenge for peripheral and rural Engineering colleges like Seemanta Engineering College to make their products worthy of employment in the era of professionalism.

Seemanta Engineering College is geared up to upgrade its approach, both in terms of content of course and quality. It promotes a continuing education cell to train and equip students with adequate exposure to current technology that recruiting companies ask for along with measures for the all round development of Personality, in close coordination with the Training & Placement cell. The training programmes commence right from 1st semester, some of which have been embedded in the Time Table. The institute has also created wide avenues for co-curricular activities to add new dimension to the personality of its products.

SEC is synonymous with State-of-the-art infrastructure, dedicated faculty and affable environment for which it has received ISO certification. It has signed MOU with Infosys for campus connect programme to train both faculty and students to meet ever developing and need of industry requirements. The college has introduced "Oracle Development work-force Programme" by Oracle Corporation of India and "Sun Academic Initiative Programme" by sun Micro System with dedicated hi-end Laboratories.

The institution has placed 97% of students in 2008 batch, 100% of students in 2009 batch and 207 students of 2010 batch, 160 Students of 2011 batch have been placed through Campus drives. SEC is the centre of Technical Excellence and is analogous to a technical beacon in North Odisha, Contiguous to states of Bihar, West Bengal and Jharkhand.

We have vision to make SEC as one of the leading cauldrons of Engineering Education in India.

Prof. Dr. R.K. Chhotaray
Principal

Welcome to

SEC



Seemanta Mahavidyalaya Samiti was established in the year 1978 - 1979 duly registered under The Society Registration Act 1860; vide Regd. No. 14190/1034 of 1978 - 1979. The Samiti was set up by the visionaries of the region under the aegis of late Shri Paresh Chandra Basa. The objectives of the Samiti with which it started its operation are:

- To train students for a life of dedication, determination and service to motherland.
- To provide higher, technical and vocational education to the students of the region for making them self dependent.
- To develop quality human resource through technical and higher education in order to enhance the economic condition of the region.
- To contribute to the field of Science and Technology through quality education and research.
- To generate employment opportunity for the people of the district.

The Samiti founded the Seemanta Mahavidyalaya in 1979, the first institute of the Samiti and of the region. The sister concern institutes came up in quick succession. Seemanta Institute of Pharmaceutical Sciences in 1982, Seemanta ITI in 1992, Seemanta Engineering College in 1997 and Seemanta English medium School in 2000.

Seemanta Engineering College in 1997 and MCA in 1999 when Odisha had not enough private technical colleges. So it was quite natural to receive a lot of remarks regarding the success of the institute but with the passage of time the Samiti proved that its decision was absolutely correct. The institute was the first in rural regions of Odisha in 1997 and of course the only one in entire North Odisha and the bordering regions of Jharkhand and West Bengal.

Through these institutions the Samiti has definitely achieved success in its objectives and missions and made Jharpokharia established itself as a hub of education in entire eastern India.



Seemanta Mahavidyalaya
Estd. 1979



Seemanta Institutes of
Pharmaceutical Sciences
(D.Pharm)
Estd. 1982



Seemanta Institutes of
Pharmaceutical Sciences
(B.Pharm) Estd. 1992



Seemanta I.T.I.
Estd. 1992



Seemanta
Engineering College
Estd. 1997



Seemanta MCA
Estd. 1999



Seemanta
English Medium School
Estd. 2000



Seemanta Institutes of
Pharmaceutical Sciences
(M.Pharm) Estd. 2002



Seemanta
Diploma School
(Proposed 2011)

THE INSTITUTE

Seemanta Engineering College, Mayurvihar, Mayurbhanj was the pet project of the Seemanta Mahavidyalaya Samiti. The project was instituted in 1997 to cater to the long cherished demands of technical education of North Odisha and the bordering regions of Jharkhand and West Bengal.

The Institute domiciled the confluence of NH – 5 and NH – 6 in the clean, green and serene foothills of Similipal National park as its permanent abode. The site of the Institute in such an exquisite ambience crafted an atmosphere perfectly conducive for the quest of residential Engineering. The team of dedicated, experienced and qualified faculty with a commitment to groom professionals of the 21st century's corporate cosmos blended with an active corporate focussed placement cell facilitate the Institute's success story in leaving an imprint among the students and their parents.

The establishment of Seemanta Engineering College during the 90's in the district of Mayurbhanj in the extreme North end of Odisha bordering the then Bihar and now Jharkhand and West Bengal won accolade from all quarters of cross border intellectual society. The institute was the one and only Technical institution of the entire North and Rural Odisha by then.

This ISO 9001: 2000 certified institute of Mayurbhanj started its operation with three disciplines of Engineering for 180 aspirants. By dint of sheer commitment, hard work and innovation it could enhance its portfolio of disciplines today to provide BTech. Programme in Electronics & Telecommunication, Mechanical, Electrical, and Civil, Electronics & Instrumentation and Computer Science and Post graduate programme in MCA to 540 Prospective technocrats every year with due approval from the AICTE, New Delhi and Govt. Of Odisha and affiliation from BPUT, Rourkela, Odisha.

The Institute has its own campus spread over an area of 51 acres. It has a well furnished academic building of approx. 1, 50,000 sq. ft., a workshop of 25,000 sq.ft. Besides it has its own hostels for boys and girls. The institute provides facilities like Central Library, Reading Room, Book Bank, Canteen, Market Complex, Dispensary, Multi Gym, Sports ground, Music Club, Literary Club, SBI ATM Counter, Parking Place, Students Co-operative Store, High Tech seminar Hall, Yoga Research centre, 24hrs internet facility with Wi-Fi, Physician, 24 hrs Ambulance, a fleet of Vehicles for Transportation.



MISSION

Seemanta Engineering College proclaims to embark on

Manifestation of tapping and nurturing the latent entrepreneurs of North Odisha and its bordering regions of Jharkhand and West Bengal following heuristic approach of imparting classy technical education.

Ignition of the spirit of research and development in collaboration with the premiers in the field to develop sustainable eco-friendly technological solutions to the pressing demands of the corporate cosmos.

Spokesperson of the technical institutions of the tribal dominated backward regions by establishing itself as a centre for technical excellence.

Stabilization of the process of de-urbanization efforts by disseminating the information about the application of modern technology among the rural population for their socio-economic empowerment.

Installation of culture, character and confidence within the rearing technocrats of the institution towards strengthening national integration.

Orchestration of campaigns to conserve the bio diversity of the Similipal Region to retain it as a world heritage site.

Navigation of the immortal art, culture and tradition of the district of Mayurbhanj in the midst of the residents of the globe to renovate it as a dream destination.



VISION

RESULTS IN SUCCESS



- Capitalizing the idyllic milieu for fostering unmatched ethical standards within the budding technocrats to strengthen the responsible citizen base of the largest democracy of the world.
- Harbingering the expansion of the scope & sphere of engineering and technology in the potentially unexplored treasures of Nature that may keep mankind at bay from all botheration.
- Generate a breed of progressive democratic technocrats capable of hosting Indian technological supremacy before the world

Infrastructure under construction

- Overhead Water tank with treatment plant with an investment of One Crore approx.
- Mechanical Block 80,000 sq.ft.
- Civil Block 80,000 sq.ft.
- Electrical Block 25,000 sq.ft.

Proposed Infrastructure Expansion

Post Office within the College campus.

Synthetic tennis court.

Open Air Auditorium

Electronics Building
(80,000 sq.ft. approx.)

One more boys hostel
(300 students capacity)

LOCATION

The Institute domiciled the confluence of NH – 5 and NH – 6 in the clean, green and serene foothills of Similipal National park as its permanent abode. The site of the Institute in such an exquisite ambience crafted an atmosphere perfectly conducive for the quest of residential Engineering. It is 33 kms from Baripada, the HQ of Mayurbhanj, (Orissa). The Campus is located at Mayurvihar, 3 kms away from NH6 & NH5 Junction, popularly known as Bombay Chhak. We are connected directly from Kolkata, Ranchi, Jamshedpur, Bilaspur, Kharagpur, Ghatsila, Balasore, and Bhubaneswar by road. Baripada is connected directly to Howrah - Chennai main Railway line; this line is getting extended which will touch the College. The college belongs to Mayurbhanj district famous for Similipal Bio-sphere Reserve having the National Park and Tiger Project; a magnificent eco friendly place for Tourists, Jagannath car festival next only to the world famous car festival of Puri, and sparkling forms of the Chhow Dance, Barehipani Water Fall and many more.

For railway schedule please refer to

Indian Railways (<http://www.indianrail.gov.in>)

INFRASTRUCTURE



The College campus elongate over approx. 51 acres of land. It has developed a well furnished three storied academic building, consisting of approx 1, 50,000 Sq.ft. and a Workshop of 40,000 Sq.ft. Besides, the college has in campus Hostels for Ladies and Gents, a modern Central Library, Central Computing facilities, separate Administrative block, Gymnasium, Music Club, SBI Extension counter, Market Complex, Parking Place and Play ground, Cooperative store, canteen. Dispensary, 24hrs Ambulance Service, Yoga Research Centre, a High-Tech seminar Hall and an e-convention centre. The College has on roll qualified and experienced teaching staff as per AICTE norms and almost equal number of technical, administrative and service supporting staff. Besides, eminent professors from neighboring Institutions such as I.I.T. Kharagpur, N.I.T. Rourkela, U.C.E. Burla and N.I.T. Jamshedpur are associated with our academic programmes. There are five full time Professors who are looking after Electronics & Telecom. Engineering, Electronics & Instrumentation Engineering, Electrical Engineering, Mechanical Engineering, Computer Science & Engineering, Civil Engineering and M.C.A.

PRINCIPAL

Prof. (Dr.) R.K. Chhotaray

B.Sc. Engineering (Electrical) B.H.U., M. Sc. Engineering (Control System & Electronics) B.H.U., Ph.D in Electrical Engineering (Control System) Sambalpur University. Founder, Professor & Head Computer Science & Engineering, Regional Engineering College (now NIT, Rourkela)



REGISTRAR

Er. B.K. Patra
B.Sc. Engineering (Electrical),
Ex- Executive Engineer
Department of Energy
Govt. of Odisha



DEAN ACADEMIC AFFAIRS

Prof. R.K. Gochhayat
M.Tech. Ex Professor, R.E.C. (now N.I.T.)
Rourkela, Ex. GM., SAIL, RSP Rourkela.



ACCOUNTS SECTION

The section deals with all financial matters including salary of employees, Purchases, fees collection from students, scholarships, Revenue and Capital expenditure, taxation, Provident fund, Audit, Bills & Budgets.



PROJECT & MAINTENANCE SECTION

The section remains responsible for execution and maintenance of Sanitation, Water Supply and Electricity systems, maintenance of buildings, constructions and materials procurements.

ESTABLISHMENT SECTION

The section deals with all administrative works of the college including employees records, leave, increments, salary fixation, awards and punishments etc. as defined by the Employees Conduct Rules. All correspondence with external agencies like Govt. 's, AICTE, University etc. Conduct of Meetings. All correspondence to / from G.B., Principal, Registrar. Compliance to the G.B. Resolutions. Higher study, Deputation and sponsoring of faculty.



DISPENSARY

The institute extends a Dispensary, headed by a Medicine Specialist to take care of medical problems of students and boarders. During emergency, the institute shifts the patients to Baripada and nearby Hospitals in its own Ambulance which remains ready to deliver service round the clock. Dr. Birendra Behera, M.D., (Retd. CDMO), Mr. Sashadhar Mohanta, Pharmacist.



COLLEGE CANTEEN

The institution promotes a spacious canteen and a soft-drink parlour in the campus to refresh the students with delicious, hygienic food at a subsidized price. The canteen is maintained by the institute and remains vigilant over the quality of foods, maintenance of hygienic atmosphere and pricing. The canteen serves the institutional needs round the clock. For its better management; the institute has appointed its staff as in-charge to oversee the matters of the canteen.



TRANSPORT POOL

The institute extends transport facility to its staff and students at concessional rate for which it has maintained a fleet of vehicles for meeting its transportation needs. The fleet composed of 05 buses, 01 SUV, 01 MUV and an Ambulance to meet the transportation needs of its inmates. The Liaison Officer is in-charge the Management of Transportation. Moreover a faculty has been made the transport in-charge to oversee it.



MARKET COMPLEX

The institute's developed Market Complex within its campus caters to the daily requirements of students, staff and boarders. College buses are routinely arranged for shopping at Bombay Chhak and Baripada for the boarders.



GUEST HOUSE

The institute offers a Guest House with limited accommodation within its campus for the time being for the Visiting guests, Examiners and parents. Visitors may be provided with temporary accommodation, as per availability. Expansion and up gradation of facilities has been taken up.



ATM COUNTER

The institute has been constructing a room to be developed as an ATM Counter of SBI, Jharpokharia. Which will fulfill the students regular monetary needs.

STAFF QUARTERS

College has a few staff Quarters within the Campus. Currently all hostel Superintendents and senior faculties stay in these quarters. Construction of more number of staff quarters will commence soon.



ADMISSION CELL

The Cell deals with the every aspect of admission matters regarding BTech and MCA All BTech. and M.C.A. admission matters including: Advertisement, Counseling, Admission formalities, Hostel allotments, Collection of student's data, record verification, fees collection, response to queries. Arranges Welcome Ceremony and Orientation Programmes for fresher. Entire process is handled by Admission Committee setup for the purpose. The Committee keeps contact with appropriate authorities on scheduled fees, policies, quota seats and Central Counseling.

The institute would admit its total intake capacity, i.e., 480 students, for the academic session 2011-12 through OJEE 2011 and AIEEE 2011 as well as some seats would be filled through NRI quota scheme. All these seats would be allocated to the students through e-counseling conducted by Biju Patnaik University of Technology (BPUT), Rourkela, Odisha.

The left out seats if any would be filled up by the rank holders of OJEE 2011 & AIEEE 2011.

N.B. – The admission procedure is subject to change by Govt. Of Odisha/BPUT, Rourkela. The percentage of OJEE, AIEEE and NRI quota would be decided by the Govt. of Odisha/BPUT.

LATERAL ENTRY

For admission into B. Tech through Lateral Entry, the candidate must fulfill the following criteria:

(i) For direct admission to the third semester degree courses

- The candidate must be a permanent resident/native of Orissa.
- Pass in 3 years diploma course in Engineering with a minimum 50% mark in aggregate from State Council of Technical Education and Training (SCTE&VT), Orissa or equivalent.(45% for SC/ST students)
- Candidates having Diploma in any discipline are eligible to be admitted to any discipline based on merit list.
- He /She must have appeared and secured a rank in OJEE or AIEEE aptitude test.

(ii) For admission to 2nd year Degree courses in Engineering/Technology under Lateral Entry for B. Sc. or +3 Sc. students:

- The candidate must be a permanent resident/native of Orissa.
- He /She must have appeared and secured a rank in OJEE or AIEEE aptitude test.
- Bachelor's Degree of three years duration in Science from any University of Orissa or equivalent recognized by UGC and has passed with a minimum of 60% marks in aggregate with Mathematics at +3 levels.(45% for SC/ST students)
- Candidates must have passed Mathematics as a subject at +2 / 12 level to become eligible to be admitted to any discipline of engineering as per the availability of seats.
- They have to clear the subjects of Engg. Drawing & Engg. Mechanics of first year engineering programme along with second year subjects.

UNDERGRADUATE

To admit in to the BTech programmes in Computer Science, Electronics & Tele Communication, Mechanical, Electrical, Electronics & Instrumentation and Civil engineering at Seemanta Engineering College, the following procedures to be followed by an aspiring candidate:

- He /She must have passed +2 Science or 12th Standard with Physics and Mathematics along with one of the following subjects: Chemistry / Biotechnology / Computer Science / Biology.
- He/She must have appeared and secured a rank in OJEE or AIEEE aptitude test.
- He /She must have opted the disciplines available at Seemanta Engineering College as his choice for admission to BTech programme through e-counselling.

POST GRADUATE

For admission in to the MCA programme at Seemanta Engineering College, Jharpokharia, Mayurbhanj one has to follow the following procedures:

- He /She must have passed Bachelor's Degree examination of three years duration in any discipline from any University of Orissa or equivalent recognized by UGC and having passed in Mathematics at 10+2 level. Business mathematics at +2 level is not permitted.
- He /She must have appeared and secured a rank in OJEE or AIEEE aptitude test.
- He /She must have opted Seemanta Engineering College as his choice for admission to MCA programme.

N.B.-There is no age limit to admission to MCA course.

Awards

Following memorial awards have been instituted for pass out students of S.E.C.

- Late Suresh Ch. Panda: Best graduate in Mechanical Engg.
- Late Duroolva Kishore Basa: Best graduate in Computer Sc. & Engg.
- Late Trilochan Praharaj: Best graduate in Electronics & T.C. Engg.
- Late Debananda Kar: Best graduate in Electronics & Inst. Engg.
- Late Bhagoban Das: Best graduate in Electrical Engg.
- Late Kuntala Kumari Basa: Best graduate Girls.
- Late Ram Chandra Kar. : Best all rounder.
- Late Deepak Kumar Sahu: Best M.C.A. Student.

B.TECH (2011-12 Admission Batch)

	Tuition Fees in`	Caution Money (Ref.) in`	BPUT Regt. Fees in`	Training & Placement Fees in`	Blazer & Uniform in`	Total in`	Hostel Fees** in`	Transport Fees in`
1st yr.	49,000	4,000	4,500	2,500	4,000	64,000	11,000 +1,000 (Caution money)	10,000
2nd yr.	49,000	-	#	2,500	-	51,500*	11,000	10,000*
3rd yr.	49,000	-	#	2,500	-	51,500*	11,000	10,000*
4th yr.	49,000	-	#	2,500	-	51,500*	11,000	10,000*

*Subject to any change by Govt. Of Odisha.

** Optional

As applicable at the time of registration by BPUT

MCA (2011-12 Admission Batch)

	Tuition Fees in`	Caution Money (Ref.) in`	BPUT Regt. Fees in`	Training & Placement Fees in`	Blazer & Uniform in`	Total in`	Hostel Fees** in`	Transport Fees in`
1st yr.	50,000	2,500	4,500	2,500	2,500	62,000*	11,000 + +1,000 (Caution money)	10,000
2nd yr.	50,000	-	#	-	-	50,000*	11,000	10,000*
3rd yr.	50,000	-	#	-	-	50,000*	11,000	10,000*

(Registration fee of BPUT as applicable at the time of registration) *Subject to any change by Govt. of Odisha. ** Optional

Scholarship for all students taking admission in MCA irrespective of any OJEE rank:

1st Year - ` 22, 000/-, 2nd Year - ` 20, 000/- 3rd Year - ` 20, 000/-

Academic Matter

The duration of Bachelor of Technology (BTech.) course is of four years and divided into eight semesters and that of M.C.A. is three years and divided into six semesters respectively. In each semester (1) Three Internal Assessment examinations are conducted by the college; and (2) The end semester examination is conducted by the University. The degrees of BTech. and M.C.A. are awarded by the University. The students furnish an undertaking to the effect that he/she shall continue his/her studies for the entire course of Bachelor of Technology / MCA in Seemanta Engineering College for a period of 4 years/3 years as the case may be. In case he/she discontinues or takes C.L.C. /T.C. during the course of studies, he/she has to pay the entire amount of fees for the remaining part of the course. Inter Institutional transfer and branch changes are governed by BPUT Regulations. The College offers BTech. Degree in 6 disciplines with an intake capacity of 480, and M.C.A. having an intake capacity of 60 each year.

Scholarships

The society offers a golden opportunity to pursue the aspirations of meritorious JEE-10 rank holders at SEC in the form of scholarship based on certain defined criteria. It offers Paresh Chandra Basa Memorial Scholarships for meritorious O-JEE Rank Holders:

For B-Tech. Students O-JEE Rank Scholarship per annum

01-2500 (General) Rs. 30,000/-
(for Mayurbhanj & Keonjhar Students only)

01-4000 (General for all Other Students) Rs. 20,000/-

4001-7000 (General for all Students) Rs. 10,000/-

Merit- cum-Means Scholarship

Governing Body of Seemanta Engg. College offers Merit Cum Means Scholarship of Rs. 20, 000/- p.a. to eligible students.

For M.C.A. Students O-JEE Rank Scholarship per annum from 1 - 4500

1st Year Rs.22, 000/-

2nd Year Rs.20, 000/-

3rd Year Rs.20, 000/-





Disciplines	Intake Capacity
Electronics & Telecommunication Engineering	120
Computer Science & Engineering	90
Mechanical Engineering	120
Electrical Engineering	60
Electronics & Instrumentation Engineering	60
Civil Engineering	30
Master in Computer Application (MCA)	60

College Rules

- The students should reach the college in time.
- The students should come to college in uniform/dress codified /provided by the college authority.
- The students should attend all classes. If the attendance of any student falls below 75% (65% on medical/College representation ground) he/she will not be allowed to sit for the University Examination.
- The students should maintain absolute discipline inside the class room as well as the college premises.
- The students are neither allowed to meet any authority concerning college affairs except the college authority nor to form any type of unauthorized union/meeting.
- No student is allowed to entertain outsiders inside the premises of the college without prior permission from the college authorities.
- Carrying weapons of any form inside the college premises is prohibited. It is a punishable offence.
- Smoking, Drinking Alcohol, Taking Drugs or any other intoxicants are strictly prohibited
- No student is allowed to come to the college premises after taking intoxicants or alcohols.
- Damaging/Destroying college properties is an offence and is punishable.
- Use of mobile phones in the academic block is prohibited.
- No student is allowed to create disturbance in any manner inside the examination hall during the examination sessions. If any such report is received from the invigilator/superintendent/supervisor, the student will be punished as deemed fit, including expulsion from the college without assigning any reason whatsoever.
- No student is allowed to pass any derogative remarks or abuse/use filthy language or un-parliamentary words to any Teaching and non-teaching staffs and junior/senior, or to any other colleague, or to any girl students of the college.
- Ragging or harassment of fresher or juniors by seniors of the college anywhere, in any form is strictly prohibited. In any case of ragging, the college will lodge police complaint against the miscreant which will be dealt with as per law. College may also impose penalty as deemed fit, including expulsion from the college. College authorities can award any punishment to the student without assigning any reason or even without giving any opportunity for defense. All such cases will be intimated to the university, which may lead to cancellation of Regd. No. of the concerned student.
- Playing music in high volume, shouting/talking in loud voice, observing party etc. within the College remises which disturbs other students, is strictly prohibited.
- In the event of violation of any College Rule a student shall be penalized as deemed fit.

Working Hours

The working hour of the Institute is generally from 9.30 A.M. to 4.30 P.M. (Monday to Saturday). All Sundays are holidays, and other Vacations and holidays are as per guidelines of BPUT, However, some Laboratories such as Computer, Electronics, Internet, Reading Room and library are open for extra hours and also during holidays. Besides, some training programmes are conducted during Vacations and holidays or beyond working hours, under continuing Education Programme.

Attendance Requirements

In order to be eligible to appear in the Semester Examinations, conducted by the University, a student shall have to possess a minimum of 75% attendance in every subject. However only on special cases including medical grounds, attendance can be relaxed to 65%, as per University norm. The produced medical certificate must be issued by medical authority not lower than CDMO.

Dress Code

The College has different dress codes for students of different years. Adherence to dress code by the students is mandatory.



The institute under the aegis of T&P Department imparts need based, Industry driven trainings to the students, beyond the B.P.U.T. curriculum, so that every student can be equipped with adequate exposure to at least one current technology recruiting companies ask for through its Continuing Education Programme. Some of the programmes have been made compulsory right from First Semester and are embedded into the Time Table. Keeping in view this requirement College has established unique high-end laboratories such as ORACLE lab (by Oracle University), JAVA lab (by SUN MICROSYSTEMS), LINUX lab. (By REDHAT), MATLAB lab and VLSI lab. The institute offers Courses during the Summer and Winter Vacation period too in the areas of C, C++, Advance C Oracle Programme (in collaboration with Oracle India Ltd.), Java (in collaboration with SUN MICRO SYSTEM Ltd.), .NET, LINUX (in collaboration with RED HAT), Auto CAD, PRO-E, CATIA, SAP, MULTI-MEDIA, NETWORKING Summer/ Winter training in wireless communication, GSM and CDMA training in telecom sector. In addition to the professional courses, the cell arranges sessions on GD & PI, Quantitative Aptitude, Reasoning and spoken English for the students of the institution with progression to their BTech and MCA courses.

The Cell also organizes a number of Seminars, workshops and Technical talks in Engineering, Science and Humanities. Programmes are offered during Vacations / Holidays, Semester breaks or even beyond college hours. At present following programmes are being offered:

- 1st year -** ORACLE: Working days.
C, Adv C, C++: Summer Vacation.
- 2nd year -** LINUX (REDHAT) : Working days.
Communicative English
Personality Development
Logical reasoning: Working Days
Mathematical Aptitude
Group Discussion and PI
GSM, CDMA Wire Technology: Vacation (Telecom sector)
Vocational Training: Vacation (Discipline wise)
- 3rd year -** Java and .NET : Working days.
Auto CAD, PRO - E | CATIA : Working days.
Vocational Training : Vacation(Discipline wise)
Special Course (SAP, MULTI- : Vacation MEDIA, NETWORKING etc.)
- 4th year -** Specialized recruitment oriented
Crash training Programmes: Working days.



Besides, the institute makes the course materials of all subjects of engineering disciplines through college intranet developed through the NPTEL Programme of MHRD, Govt. of India by IITs and IISCs.

The Continuing Education Programme Centre of Seemanta Engineering College through its social welfare mission, arranges Seminars, Career Counseling Programmes along with Basic computer and Electronics training programme for the +2 students of the neighbouring colleges



Academic Affairs Cell

Preparation of Semester Time Table.

Maintaining up to date academic performance, attendance and disciplinary information of each student.

Students insurance, scholarship and other financial assistance.

Issue of certificates.

Routinely and exceptionally intimating the parents any deficiency in academic record, disciplinary action, if any time taken, concerning their ward.

Examination Affairs Cell

- All University Registration works.
- Conduct of Internal and Semester Examination.
- Submission of Marks to University.
- Issue of Mark Sheets.
- Analysis of Semester wise results.
- Issue of final Degree Certificates.
- Verification of Examination records of Pass out students required by prospective employers.

Student Activity Cell

There is a separate student activity Cell headed by Mr.M.N.Mohanta, Asst. Prof., Mechanical Engg. It clarifies the queries of students regarding Results, Class performance, Attendance, Scholarships, the University Regulations, Norms & Conditions. Under the guidance of the Cell the "Teacher Guardian" system has been introduced, where a Teacher has been assigned as guardian for twenty students, who shall advise, counsel and guide the concerned students on academic and personal issues. Students are encouraged to be in regular touch with their respective Teacher Guardians. The parents are requested to meet the concerned Teacher Guardian or the Head of the Student Activity Cell, whenever they are visiting the College for detailed information concerning their ward. Constructive suggestion for improvement is always welcome.

Student Information Centre

The Student Information Centre is an On-line Computerized System which keeps track of every information regarding each and every student. It generates and maintains records including Timetable, Attendance, Internal and University Academic Performance, College fees and discipline which can be viewed from anywhere through Net. The system generates reports for dissemination.

LIBRARY

The central library of Seemanta Engineering College is located in the 1st and 2nd floor of the Administrative Block of the institution. It comprises of a Stack area, Reading Room, Periodical Section And Book Bank (Lending Library).

The library has a collection of around 50,000 books including the text books and reference books for BTech and MCA. Moreover the Library has 38 International journals and 55 numbers of National Journal.

The Library has also been procuring Magazines, Local & National Newspapers to keep the students and staff abreast of the information in and around the world. These magazines are basically meant for various competitive examinations conducted by various Govt. and Public sector organizations. To keep the job seekers at ease, the library procures 'Employment News' too. It also provides Xerox facility for the students.



Besides our library is a member of DELNET which provides another alternative to the staff and the students regarding the access to the books and articles they may need that are not available here.

The library issues at least 05 books to each and every student of BTech and in special circumstances it may issue up to 10 books. The students are allowed to keep these books for one semester fully. The library issues at least 06 books to each and every student of MCA and a maximum of 10 books. Moreover the students and staff may issue unlimited number of books and magazines to read in the Reading room of the library for which the students are required to produce their Library Card.



Lending Library

The institute has made a provision for a Lending Library. The students can fulfill their requirements for extra books by lending from the Book Bank/Lending Library at the payment of 15% of the price of the books concerned. These borrowed books from the Book Bank/Lending Library may be kept by the students for duration of 06 months. The Book Bank/Lending Library of the college is enriched with 3825 books. The subject teachers are permitted to issue 05 books per subject.

Central Computing Facilities

Central Computing facilities aim at providing infrastructure for general computational and data processing needs of students, staff and offices. These facilities include Basic and high-end central computer labs, Departmental Computer labs, Campus-wide Network, College Intranet and Internet, are managed / co-ordinate by Dept. of Computer Sc. & Engg.



Central Computing Labs:

Central Computing lab's are part of Computer Science & Engineering Department and are equipped with state of the art computers with advance networking facility to support audio visual teaching and hands on

practice, based on different programming languages like C, C++ Data Structure using C, C++, Oracle, Sun Java, Matlab, Redhat, Linux/ Sun Solaris / Microsoft Windows environment. CC lab contains 200 systems of Sun, IBM & HCL (Core-2- DUO) which provide computational facilities to the users such as students, faculties and staff from all departments of the Institute. It also provides Electronic Mail, World Wide Web, File Transfer Protocol and other services in Network Security UTM firewall environment. Recently NPTEL pre-recorded-video-education course ware, developed by eminent Professors of IITs has been installed using Bay IP Based Network storage with 2000 G.B. Hard-Disk storage capacity that are accessible to all users across the campus. Important Licensed Software available in the Lab includes: Oracle 9i with 100 Users, Sun Java, Microsoft Visual Studio, .NET, Matlab, Mathematica, Sun Solaris Operating System, Microsoft Office 2007, SCO Unix, Windows NT Server 2000, Macromedia Flash Player and E-Scan Anti-Virus.

Intranet:

Now College has its own intranet facilities, which connects different LANs of all departments, Training & Placement Cell, Academic Cell, Examination Cell, Admission Cell, Administrative, Accounts office and Central library by Fiber Optics Cable using managed switches. This facilitates Web Based E-mail services, On-line teaching materials, Sharing of Information, resources and valuable data among students, faculties and offices.



Internet:

Computer Science Department has separate Internet lab which provides Internet service through V-SAT (512 Kbps) and BSNL 8 Mbps Broadband connection. Lab uses Network Security UTM Firewall to provide safe and secured Internet service to all end users. This facility accounts to all students on the High-End Systems, which is available 24 hours a day, 7 days a week. The facility has been extended to various departments, Library and different offices. Extension to Hostels through wireless Lan is under process.



The Institute provides access to internet to its members 24x7 through out the campus through Wi-Fi Network.

Central Workshop

There is a full fledged industry standard workshop with different sections devoted to Smithy, Welding, Forging, Foundry, Fitting, Carpentry and Machine section. The machine section has 06 nos. of 6ft Lathe and 05 nos. of 41/2ft Lathe, an Universal Milling Machine, 03 nos. of Shaper Machines, 03 nos. of Drilling Machine, 01 no. of surface grinder and 3 nos. of bench grinders. The students prepare different jobs, model furniture, and implements, and also conduct project works in the workshop. The talented, dedicated, skilled and experienced faculties and supporting staff from industry background are available for the training to students. The workshop also takes up fabrication and maintenance works of the College and Hostels.



TRAINING & PLACEMENT CELL

The Placement Cell of SEC has played a pro-active role to train and place the passed out students of the institutes since 1997. It works in close coordination with the Continuing Education Programme centre of the institute to instill the desired corporate skills to make them employable. The track record of the Cell has been very persistent until now.

TRAINING FOR SUCCESS GET EQUIPPED FOR LIFE

Training

It is mandatory for students to undergo need based training on Personality Development, GDP, Quantitative Reasoning and Mathematical Aptitude. With regard to high end SOFT SKILLS Training, the college provides ORACLE programme (in collaboration with Oracle India Limited) right from first year, JAVA in collaboration with SUN MICRO SYSTEM Ltd), NPTEL programme for course materials through college Intranet. .NET, LINUX (in collaboration with red hAt), AutoCAD, summer /winter training in wireless communication, GSM and CDMA training in telecom sector. Besides, we used to organize a number of seminars / workshops in the field of IT, Computer and Electronics.



Placement

The Placement Cell has placed 207 students of 2010 batch through Campus drives by Chevron IT Solution (Hyderabad), Bonti Corporate Services, sky Voice Telecom (Bangalore), Classic Elevator India Ltd.(New Delhi), Maverick Informatics (Hyderabad), sanguine Solution, Classic Elevator(India)Ltd, L & G Engineering (Jabalpur), Zindal Steel, Ramboll Imisoft, Indian Air Force, Elite Group, Torkfastner (Nasik), Leads Compusoft (Bangalore) and HCL Technology (Noida), WIPRO.

A total of 160 students have been placed in 2011 through campus drives by HCL Technology, HCL Infosystem, IBM Dakshya, BHUSAN Steel & Power Ltd., RELIANCE ADA, UNILINK Engg. Pvt. Ltd., AGI Glasspac, KMP Infrastructure, SEW Infrastructure, ESPIRE Infolab, New Delhi, AGLOW Telecom, Noida, PRAKASH Sponge Iron & Power Ltd., KEC International, Mumbai, ERA GROUP.



Head, Training & Placement Cell

Prof. R.K. Gochhayat
M.Tech. Ex Professor, R.E.C. (now N.I.T.)
Rourkela, Ex. GM., SAIL, RSP Rourkela.

SCOPE

The revolution in the field of telecommunication has changed the face of the entire globe within last few decades and made it a global village only to make the life of humans a lot smooth and easier. The future of the world would also be largely decided by the innovations in the field. The Management of Seemanta Engineering College in 1997 could sense that trend to institute the department of Electronics and Tele communication engineering with the commencement of the much awaited technical education project of it.

MISSION

The Management of the college since inception has equipped the department with the required laboratories and fitted it with latest instruments with a mission to create a virtual environment for the prospective telecom engineers to meet the industry standard on their entry to the corporate planet. The institute feels proud for the department because of the latest facilities that it provides to its students because of which they are able to prove and compete themselves with their counterparts elsewhere and aspires to provide and prepare its students with latest insights in all days to come.

VISION

The department is very confident of converting and establishing itself as a research and application centre to create conditions for its students to innovate in designing and production of sophisticated instruments. It is also preparing itself to open post graduate courses like M.Tech.

LABORATORIES

The department has state – of –the –art laboratories like Electronics Circuit Lab, Digital Circuit Lab, Microprocessor / Advance Microprocessor Lab, Analogue / Digital; Communication Lab, Microwave Lab, Optical Fibre Lab, Digital Signal Processing Lab and the sophisticated VLSI Lab. The department has adequate number of qualified and experienced Teaching and support staff to groom the communication experts of tomorrow. It is the commitment; dedication and experience of the staff that enables the department to encourage the students to excel both in the field of academics and research,



INTAKE CAPACITY

The department has grown significantly and strengthened it since its inception in 1997. From an initial intake capacity of 60 students a year, it has enlarged itself to its current capacity of 120 a year along with all allied arrangements for this growth.

Sl.No.	Name of the Faculty	Qualification	Designation
1	Dr. S.K.MISHRA, HOD	M.E., Ph.D.	ASST. PROF.
2	SAROJINI SETHI	M.E	SR. LECTURER
3	SATYA RANJAN SAHU	M.E.	SR. LECTURER
4	BANDANANAYAK.	B.E, M.TECH. (Cont.)	SR. LECTURER
5	GIRIJA PRASAD DAS	B.E, M.TECH. (Cont.)	SR. LECTURER.
6	LALATINDU GIRI	B.E.,M.TECH. (Cont.)	LECTURER
7	DEBASIS BASA	M.TECH,	LECTURER
8	DIPANWITA SAHU	B.E, M.TECH.(Cont.)	LECTURER
9	SWATI SUBHADARSHINI	B.E, M.TECH.(Cont.)	LECTURER
10	UMASANKAR BEHERA	B.E, M.TECH. (Cont.)	LECTURER
11	RATIKANTA SAHOO	B.E,M.TECH.(Cont.)	LECTURER
12	DINESH KUMAR GIRI	B.E	LECTURER
13	KALPANABHUYAN	B.E, M.TECH.(Cont.)	LECTURER
14	HEMANTA JENA	B.TECH, M.TECH.(Cont)	LECTURER
15	JYOTIPRAVA MOHANTA	B.TECH, M.TECH.(Cont)	LECTURER
16	SHYAMA KINKAR GHOSH	B.E	LECTURER
17	SUJIT KUMAR MOHANTA	B.TECH	LECTURER
18	GOUTAM MATTAGAJ	B.E, M.Sc.	LECTURER
19	PRITAM KESHARI SAHOO	B.TECH, M.TECH (Cont)	LECTURER
20	RITESH KUMAR PANDA	B.E	LECTURER
21	SUMIT KUMAR GHOSH	M.TECH	LECTURER

MECHANICAL ENGINEERING

SCOPE

The ever growing demands of human civilization multiplied with the huge growth of population necessitated the urgency of development of intelligent machines matching the aspirations of civilization. The field of Mechanical engineering that's why always remains a hot cake for all aspiring technocrats. Such a field of engineering definitely exists since long but quality of the hatching points of Mechanical engineers is definitely a matter that needs every ones attention. The Department of Mechanical engineering of Seemanta Engineering College that was one of the founding disciplines of the college has arrested the attention of the public and especially the seekers of Mechanical engineering education since 1997. The Department has progressed all around to train the soon-to-be architects of the mechanised World from the day of its nativity. The department put emphasis on Seminars and Projects to train and inculcate the right spirit among its students. It also arranges high- end training programmes like AUTO CAD, PRO-E and CATIA through continuing education programme.

MISSION

The Department has placed huge hi-tech infrastructure at the disposal of its constituents to utilize and equip them with the industry oriented skills and insight. It has recruited faculties from Industry, R & D background to generate the needed skills and inculcate the spirit of research and innovation among the students. The department has been updating in all areas to transform itself to a workshop of Mechanical excellence



VISION

To transform and dedicate its laboratories to R & D centres and to develop pertinent technologies and instruments that can revolutionize the rural society.

LABORATORIES

It has labs like Applied Mechanics, Material Testing, Metrology, Hydraulics, Machine Shop, Thermal Engineering, CAD / CAM, Automobile, Dynamics and Vibration, Heat Transfer, Refrigeration and Air Conditioning and Production. Moreover the department has three Drawing Halls, Seminar hall and own class rooms.

INTAKE CAPACITY : Currently it has an intake capacity of 120 students per year.

Sl.No.	Name of the Faculty	Qualification	Designation
1	PRASANTA NAYAK	M.E, Ph.D (Cont.)	ASST. PROF., HOD
2	Prof. S.N. MUKHERJEE	BME (JU) D.PHIL.(BU)	PROFESSOR
3	Prof. S. K RAY	Ph.D	PROFESSOR
4	Prof. B.N.PANDA	M.TECH	PROFESSOR
5	RABINDRA BEHERA	M.TECH, Ph.D (Cont.)	ASST.PROFESSOR
6	MAHENDRA NATH MOHANTA	M.E.	ASST. PROFESSOR
7	SASMITA SAHA.	M.TECH	SR. LECTURER
8	JAYANT KUMAR DASH	M.E	SR. LECTURER
9	KUNJA BIHARI KATIAR	B.E, M.TECH.(Cont.)	LECTURER
10	PARTHA PAUL	B.E.	LECTURER
11	SUBODH KUMAR PATRA	B.E	LECTURER
12	LORD JAYKISHAN NAYAK	B.TECH	LECTURER
13	RAJESH KUMAR PRADHAN	B.TECH	LECTURER
14	BIKASH RANJAN GHOSH	B.TECH, M.TECH. (Cont.)	LECTURER
15	SUBASH CH. DASH.	B.E	LECTURER
16	SAMIR KUMAR MOHANTA	B.TECH	LECTURER

CIVIL ENGINEERING

SCOPE

The need of huge growth in infrastructure development especially in the developing nations like India necessitates quality manpower in the field of Civil Engineering full of innovative ideas. These architects of a promising prosperous world need to be skilled enough to produce low cost, cutting edge technology to meet the demands of the weaker sections of the society. They also need to provide a human face to technology. The discipline of Civil Engineering added recently to the portfolio of SEC in 2007 – 2008 academic sessions to share its responsibility in this field. The department puts much emphasis on comprehending the fundamental principles and inculcation of insight by utilizing the creativity of its students to meet the challenges of Civil Engineering. Through project work and practical training, the department is trying to instil problem solving, designing and field applications as industry demand so from its employees.

MISSION

The department is marching in its mission to produce civil engineers having commitment, dedication and a love for their profession. It seeks to generate humane qualities in addition to sound theoretical knowledge and their application who can serve the nation and contribute in its quest for becoming a developed nation.

VISION

The department is committed to develop it as a nodal centre of research and development in its field. It also aspires to design and implement technologies that are truly international and affordable in the fields of Structural Engineering, Water Resources Engineering and Transportation Engineering that can be beneficial for the rural populace.

LABORATORIES

The department has developed Civil Engineering, Concrete, Survey, and Material Testing Laboratories within a short period of its establishment to meet the demands of the students of the existing semesters. The department is committed to incorporate latest innovations and instruments in its field to train its students to facilitate them to meet the requirements of the discipline.



INTAKE CAPACITY

Currently it has an intake capacity of 30 students per year.

Sl.No.	Name of the Faculty	Qualification	Designation
1	BHABATOSH BEHERA	M.TECH	ASST. PROF.(HOD)
2	PROF. P.C. GIRI	B.Sc. (ENGG.)	PROFESSOR
3	PROF. R.K. GOCHHAYAT	M.TECH	PROFESSOR
4	MEENA MURMU	M.TECH	LECTURER
5	STHITAPRAJNYA DAS	B.TECH,MBA	LECTURER
6	KANAKAPRAVA MAHALI	B.TECH	LECTURER



COMPUTER SCIENCE AND ENGINEERING

SCOPE

The world today is powered by the revolution in the field of information and technology. What would happen to this world without computers is definitely beyond anybody's comprehension these days. The future of the universe and civilization is to be governed with the innovations in the field of computer Science and Engineering. This proposition has paved the path of rapid spread of computer education in all societies. India has already proved its might in the field and is reckoned all over the globe for its contribution to this field. The Department of Computer Science and Engineering at SEC emphasizes on fundamental principles of Computer Science, creative thinking and analytical ability to solve real life problems. The Department also encourages its students to engage in extra-curricular and co-curricular activities, personality development, developing team spirit, and developing organizational skills to adapt themselves to the IT corporate cosmos.

MISSION

Seemanta Engineering College since the day of its operation in 1997 has incorporated the discipline in its portfolio with a target to contribute to the field by nurturing the talent of the region especially of the rural mass. The department offers high end job oriented training programmes during vacations and official working period like Advance C and C++, VC++, ORACLE 9i, JAVA and J2EE, LINUX (Red Hat) in addition to its regular syllabus to build insight within its products.

VISION

It seeks to train and develop software professionals who can excel in their field and show the world the might of rural India. It wishes to promote the use of technology among the rural population what the Information and technology field aims at.

INTAKE CAPACITY : It has intake capacity of 90 a year.

LABORATORIES

The department over the years of its march has added a number of state of the art laboratories to keep pace with the very best and advancement in the industry. It has laboratories like Internet, Computer Organization, Computer Graphics, Operating Systems, Networking, System Software, Advance C and OOPs. Besides these, there are SUN JAVA and ORACLE laboratories dedicated for high end training and projects.

Sl.No.	Name of the Faculty	Qualification	Designation
1	PARTHAPRATIM SARANGI	M.TECH	ASST . PROF., HOD
2	Dr.R.K. CHHOTARAY	M.E,Ph.D.	PROFESSOR
3	HARIHAR KALIA	M.TECH., MBA, Ph.D (Cont.)	ASST. PROF.
4	BIBUDHENDU PATI	M. TECH., Ph.D (Cont.)	ASST. PROF.
5	SATYABRATA DAS	M.TECH., MBA, Ph.D (Cont.)	SR.LECT.
6	ABHIMANYU SAHU	M.TECH	SR.LECT.
7	ARPITA NIBEDITA	M.TECH.(Cont.)	LECTURER
8	KUMAR SURJIT CHOUDHURY	M.TECH.(Cont.)	LECTURER
9	LEENADUTTA	M.TECH.(Cont.)	LECTURER
10	SUCHISMITA BEHERA	M.TECH.	LECTURER
11	SANDIP KUMAR BALA	B.E,M.TECH.(Cont.)	LECTURER
12	BIJAY PRASAD SAHA	B.E,M.TECH.(Cont.)	LECTURER
13	SAMIR KUMAR BEHERA	B.E	LECTURER
14	AMIT KUMAR MISHRA	B.TECH,M.TECH.(Cont.)	LECTURER
15	DEEPIKA JANA	B.E,M.TECH.(Cont.)	LECTURER
16	BAIDYANATH TUDU	B.E	LECTURER
17	SRINIVAS PATNAIK	B.E	LECTURER
18	MANOJA KUMAR NAYAK	M.TECH	LECTURER
19	SATYAJIT PATTNAYAK	M.TECH	LECTURER
20	BYOMKESH NAYAK	M.TECH	LECTURER
21	AMRITA BASURI	B.TECH	LECTURER
22	SMITARANI JAGATI	B.TECH, M.TECH(Cont.)	LECTURER
23	TANUSHREE MOHAPATRA	B.TECH, M.TECH (Cont.)	LECTURER
24	SOUMITRI NIBEDITA PRAHARAJ	B.TECH, M.TECH (Cont.)	LECTURER



ELECTRICAL
ENGINEERING**SCOPE**

The field of Electrical Engineering being one of the core areas of engineering has great demand even in this age of information technology. The recent slowdown of IT market has revived the interest of the engineering education aspirants with a renewed vigour. Although the focus of the world shifted to other fields of engineering for some period of time in the past few decades, the importance of it has never been diminished and neither it will be. One can see the application of the principles of Electrical engineering in the field of telecommunication and instrumentation. So, good prospects of employment are always there for the graduates in these disciplines across the sectors like telecommunication and instrumentation and information technology.

MISSION

The department started its operation at SEC from 1999 – 2000 academic sessions with a mission to create electrical engineers who can bridge the gap between demand and supply in the field with precision. The department has also undertaken projects to acquaint the students with the advancements in technology and instruments to make them fit for the modern industries.

VISION

To transform the department as an advanced academic centre of learning in the branch of electrical engineering and to promote research and development to search the feasible solutions to the problems faced by the industries in the field .

LABORATORIES

The department has Basic Electrical, Electrical Machine, Networks and Devices, Power Systems, Modeling and Simulation, Measurement, High Voltage, Power Electronics, Control System and Instrumentation Laboratories in operation at present.

INTAKE CAPACITY

From an initial student intake capacity of 30 per year but subsequently it was enhanced to the present capacity of 60 students.

Sl.No.	Name of the Faculty	Qualification	Designation
1	PRAVAS KUMAR SENAPATI	M.TECH	ASST. PROFESSOR,(HOD)
2	KUNAL KUMAR DAS	M.E., Ph.D (Cont.)	ASST. PROFESSOR
3	SAROJ KUMAR PANIGRAHI	M.E	ASST. PROFESSOR
4	BINOD KUMAR PRUSTY	M.TECH	SENIOR LECTURER
5	RAMAKANTA JENA	M.TECH	SENIOR LECTURER
6	SANAT KUMAR BARIK	M.TECH	SENIOR LECTURER
7	RABINDRA KUMAR BEHERA	M.TECH	SENIOR LECTURER
8	R.K.ROY	B.TECH	LECTURER
9	S.K. MOHAPATRA	B.E.	LECTURER
10	ASIT KUMAR PATRA	M.TECH	LECTURER
11	BIRANCHINARAYAN KAR	M.TECH	LECTURER
12	SASHIKANTA MAJHI	M.TECH	LECTURER
13	SUJATA MAHALIK	B.E.	LECTURER
14	DIPTI MOHANTA	B.E.,M.TECH.(Cont.)	LECTURER
15	SANDEEP KUMAR BEHERA	B.E.	LECTURER
16	MRUTYUNJAY DAS	M.TECH	LECTURER
17	MADHUMITA SAMAL	B.E.	LECTURER
18	SWARNABALA UPADHYAYA	B.TECH.	LECTURER



ELECTRONICS AND INSTRUMENTATION

SCOPE

The electronics world has seen a revolution in recent times and so do the industries. The industries that make use of machines and instruments opted for their automation and control as their usage was complicated and needed precision. The traditional field of electronics stressed on its application and made a pressing demand for a specialized branch in engineering that can produce engineers having expertise in real time application, computation, data acquisition, processing and feedback, remote sensing etc. Keeping in view of the trend of the market the department had been added to the portfolio of disciplines of Seemanta Engineering College in 1999. The department has equipped itself with sophisticated instruments and trainer kits. These instruments and kits are custom-designed to facilitate better demonstration easier understanding of the students.

MISSION

The department has been striving to produce industry ready engineers in Electronics and Instrumentation familiar with the technology and their application. Moreover it sees the all round development of its students through skill up gradation programmes by the eminent professors of the neighbouring institutes of excellence and in house curricular and co-curricular activities.



VISION

To transform the department a centre for advanced technology and application centre through research and development and to extend the application of technology to all sections of society.

INTAKE CAPACITY : It has intake capacity of 60 a year.

LABORATORIES

Electronics Circuit, Digital Logic, Microprocessor, Transducer Technology, Digital Signal Processing, Computerized Process Control, Instrumentation System Design, Electronics System.E.M., VLSI laboratories are in operation by the department.

Sl.No.	Name of the Faculty	Qualification	Designation
1	Dr. R.K. DAS	M.E, Ph.D,LLB	ASST. PROFESSOR (HOD)
2	S.K. DANDAPAT	M.E, MBA, Ph.D (Cont.)	ASST. PROFESSOR
3	RAJEEB KUMAR SAHU	B.E, PMIR, M.TECH. (Cont)	SR, LECTURER
4	DEEPAK KUMAR MAHARANA	M.E,	SR, LECTURER
5	PALLABI MOHANTA	B.E,M.TECH (Cont.)	LECTURER
6	SUBHASHREE DAS	M.TECH	LECTURER
7	SMARANIKA SAHU	B.E,M.TECH(Cont.)	LECTURER
8	SATYABRATA NAYAK	B.TECH	LECTURER
9	SAJAN KUMAR PATRA	B.E	LECTURER
10	ITISHREE BASTIA	B.TECH, M.TECH(Cont)	LECTURER
11	SAROJ KUMAR MAHAPATRA	B.E, MBA	LECTURER
12	P.K. NASKAR	M.E.	LECTURER
13	SIBANI MOHAPATRA	B.E	LECTURER

MCA

(Master in Computer Applications)

SCOPE

The information and technology industry requires huge number of professionals to meet the demands as its application is seen in all spheres of life. The need of software professionals cannot be met only by the graduates in the field. The industry needs post graduates who can meet the requirements of the software industry as well as the field research and pedagogy.

Observing the demand from the industry and the Science graduates Seemanta Engineering College opened its post graduate programme in MCA in 1999. The science graduates who seek to further their career in this field of Software get an opportunity through this programme.

The department has always adopted the very best faculties having expertise in the latest programming languages and sound academic and research background. The department makes arrangement of projects and training programmes on latest programming languages along with personality development classes to orient the students as per the industry requirements.

LABORATORIES

The department has Laboratories like Microprocessor, Operating system, Net-working, Computer Graphics, Computer Organization, Multimedia, and Internet. The department also provides scope for 06 months project trainings. It also arranges skill up gradation trainings to its students to make them industry ready in areas like ORACLE 9i, Visual Basic, COBOL, .NET, C, C++, C#, JAVA.

INTAKE CAPACITY

The department has a student intake capacity of 60 per year.

Sl.No.	Name of the Faculty	Qualification	Designation
1	HARIHAR KALIA	M.Tech., MBA, Ph.D (Cont.)	ASST. PROF., HOD
2	Prof. (Dr.) R.K.CHHOTARAY	M.E, Ph.D	PROFESSOR
3	BIBUDHENDU PATI	M.E., Ph.D (Cont.)	ASST, PROFESSOR
4	A.S. MOHAPATRA	M.Com., M.A, P.G.D.I.R.P.M, Ph.D(Cont)	SENIOR LECTURER
5	CHABI RANI PANIGRAHI	M.TECH, Ph.D(Cont.)	SENIOR LECTURER
6	Dr. PRASHANTA KUMAR DAS	M.A, Ph.D	SENIOR LECTURER
7	MANAS RANJAN PANI	MCA, MBA, Ph.D.(Cont.)	SENIOR LECTURER
8	MADHUSMITA PANDA	MCA, M.A, M.TECH(Cont.) (PUBLIC ADM) LLB, B.Sc	LECTURER
9	RAJIB KAR	M.TECH.	LECTURER



The Departments of basic Sciences include Mathematics, Physics, and Chemistry. These departments exist independently catering the engineering syllabus across disciplines.

Physics

The department of Physics caters to the teaching requirements of BTech students who have Physics as a subject in their syllabus in 1st and 2nd semester. Apart from that the department also takes care of the subject of Physics of semiconductor devices of Electronics engineering students. The department has well equipped laboratory and experienced faculty and support staff to guide and provide firsthand experience on the application of the principles of physics in real life situations.

The department has a fully developed Laboratory, which is well equipped with multiple numbers of equipments and apparatus to fulfill all the requirements of the BPUT syllabus. The physics Lab also provides scope for research works.



Sl.No.	Name of the Faculty	Qualification	Designation
1	AJIT KUMAR SAHU	M.Sc, MBA, Ph.D(Cont.)	LECTURER (S.G.), H.O.D
2	Dr. GAUTAM DAS	M.Sc, Ph.D.	ASST. PROF
3	Sk. MOHSIN ALI	M.Sc	LECTURER



Sl.No.	Name of the Faculty	Qualification	Designation
1	J. S. MISHRA	M.Sc. (UTKAL), Ph.D(Cont)	LECTURER (S.G.), H.O.D
2	M.K. DASH	M.SC, MBA, Ph.D(Cont.)	LECTURER (S.G.)

Chemistry

The department of Chemistry involves in teaching the BTech students Chemistry as subject of their study in 1st and 2nd semester. Also it handles the subject of Environmental Chemistry which is meant for all disciplines these days. The department has well developed laboratory for meeting the experimental needs of the students to inform themselves on the various chemical properties along with their application.

The department has a fully developed Laboratory, which is well equipped with multiple numbers of equipments and apparatus to fulfill all the requirements of the BPUT syllabus. The Lab is well equipped with all advanced instruments for experiment and research purposes.

Sl.No.	Name of the Faculty	Qualification	Designation
1	G.K. SAHU	M.Sc , Ph.D. (Cont.)	LECTURER (S.G.), H.O.D
2	Dr. R.N. SATPATHY	M.Sc, Ph.D	ASST.PROF.
3	S.K. MOHANTA	M.Sc, M . Phil	LECTURER
4	C.S. GIRI	M.Sc	LECTURER
5	K.N. MOHANTA	M.A	LECTURER
6	MINAKSHI PARIDA	M.Sc M.Phil (Cont)	LECTURER

Mathematics

Mathematics remains at the base of all engineering disciplines. The department teaches mathematics to all students across disciplines at 1st, 2nd, 3rd and 4th semester and to the MCA students. Moreover it looks after the Automata Theory of Computer Science and engineering department. The department has adequate number of highly qualified and experienced staff to look after the needs of the students.

The subjects of English, Economics and Management combine to form the department of humanities. Through the teaching of these subjects, the department plays a pivotal role in shaping the personality of prospective technocrats by nurturing the social and communication skills within them. It tries to incorporate a human face to technology through social and behavioural sciences within the engineers to adapt themselves well with the mainstream society.



LABORATORIES

The department owned well furnished Language laboratories, i.e., Communicative English Practice laboratory, Communication & Interpersonal Skill for Corporate Readiness, for developing the communicative competence and imbibing the social and interpersonal skills among the engineering students to make them employable and effective at work place.

Sl.No.	Name of the Faculty	Qualification	Designation
1	JANMEYJAY SENAPATI	M.A. (ECO.) , Ph.D (Cont.)	LECTURER(S.G), H.O.D
2	Prof. SANAT PATNAIK	M.Phil	PROFESSOR
3	SASHADHAR KALIA	M.Phil , B.Ed, MBA, Ph.D (Cont.)	LECTURER
4	MANAS RANJAN PANDA	M.Phil , Ph.D (Cont.)	LECTURER
5	DHIREN KUMAR PRADHAN	M.A	LECTURER



Alumni Association

The College has an Alumni Association, which has been initiated from the year 2006. Its objective is to have regular contact with the Pass out students in order to create interaction for betterment of the institute, asking for donations and assistance for job prospects of students. The Association arranges "OLD BOYS MEET" once a year at different places of the country where most of them can attend. It also has an agenda of honoring outstanding and eminent personalities who have contribute for social upliftment. The pass out students can register themselves for the said association online. (Website: www.secmbj.org).



Cultural Association

Special focus is given for all round growth of students by encouraging them to participate in extra-curricular and co curricular activities. Every year the institute conducts co-curricular activities like Essay, Debate, Quiz, Song, Music Competitions and the winners are awarded during the Annual Day. Our students have brought glory to our college by retaining overall Championship Trophy in all district level cultural programmes. The college releases Institute Magazine, Tech Beacon, and quarterly bulletin Techno-SEC. All college function is conducted by the Association. Mayur Fest is the annual College Festival.



Athletic Association

The Institute boasts of well developed large playgrounds and advanced version

of games and sports equipments. The Institute has facilities for games such as: Basketball, Cricket, Football, Volley Ball, Badminton, Carom, Table Tennis & Chess, and good provision for sports. The students of S.E.C. are participating in different Inter College / Inter University Sports Meet & Tournaments conducted by BPUT & I.U.(All India). The Hostels also have their own Outdoor & Indoor Games. Talented players are identified and encouraged to attend different Tournaments held within and outside the state. We have been the proud choice to conduct Inter University games in Football and Cricket every year. During 2006-2007 SEC has recorded outstanding performance in all events of Games & Sports. The Institute has won Championship in inter college Volleyball Tournament, Runners up in foot ball, and Two gold, Two silver and One bronze medals in Athletics conducted by BPUT. SEC has conducted successfully inter college football tournaments of BPUT 2006- 2007 and were entrusted for the same for previous two years.



Gymnasium

There is a well equipped Gymnasium inside the college campus. The gymnasium remains open up to evening 6 P.M. Training is conducted under the super vision of college trainer.

Music Club

The Club is provided with all Musical instruments for the use of students. Faculty members interested in Music and outside experts identify the talents and provide training. Regular practice sessions are held. Entertainment programmes in all college functions are exclusively conducted by the club. The College Orchestra is quite popular in this region.



Yoga Center

There is a separate Yoga center inside the college campus for building sound mind along with a sound body. Yoga is taught by trained teachers in the practice of Yoga. Currently Mr. J.Senapati, HOD, Humanities is in-charge of the center.

NSS CELL

Feeling the necessity of personality development of the students through community services and environmental as protection, an organized platform like Notional Service Scheme (NSS) has been introduced in our college. Both Male and Female Students can be volunteers of N.S.S. which carries special weight age during their career. NSS takes up tree plantation, site cleaning, and disaster management in the college and nearby villages and Blood donation. The cell arranges Blood Donation, Health care and rural information assistance camps in nearby villages. One of the remarkable achievements of N.S.S. is collection of 403 units of blood in a single day, a state level record among the academic institutes.

Youth Red Cross (YRC)

YRC has been established in the college for the promotion of potentialities of the students to enable them to render skilled philanthropic service tonned up by a sense of self sacrifice for the mitigation of suffering of the needy and distressed. All students are member of YRC.



Social Service Guild (SSG)

The SSG has been established with a vision for rendering help during Calamities, financing the poor and meritorious students across the District and carryout other social works. It organizes various fund raising events during SSG Day. SSG also runs a Co-operative store within the College premises for selling stationeries and consumables to students at reasonable rate.

Institutional Hostel

The College provides separate accommodation for girls and boys both for Engineering and MCA Students. These are located within the College Campus in calm and quiet surroundings favourable for studies. Hostels provide: Healthy study atmosphere, Common Rooms provided with Newspaper, TV, Magazines & Indoor games, Spacious and Hygienic Dining Hall, Telephone facility, and Regular medical facility. All the Hostels are controlled by Superintendents and Asst. Superintendents, who are members of teaching faculty, to ensure discipline and provide motivation for studies. The special attraction to the students is that all the first year students will be staying in a single hostel for boys and also in a single hostel for all girls having two / three seated rooms.

HOSTEL RULES FOR BOYS

- The Boarders should maintain absolute discipline in the Hostels.
- The boarder should not stay outside beyond 6.00 p.m.
- The boarder should follow the study hours and dining hours, prescribed by the hostel authority.
- The boarder should inform the Superintendent / Asst.Superintendent in case he wants to remain absent from the Hostel due to any reason. Prior written approval of Superintendent / Asst.Superintendent is mandatory.
- No boarder is allowed to entertain any Outsiders/Parents/Relatives without prior permission of the Superintendent.
- Keeping Weapons in possession inside hostel is prohibited and it is a punishable offence.
- Smoking, Drinking Alcohol, Taking Drugs or any other intoxicants is strictly prohibited.
- Ragging in any form and harassment of any nature to fellow boarders are strictly prohibited. Any complain or even simple information given by the victim, any boarder, hostel staff or official will liable the culprit(s) stringent punishment
- The boarder should not damage any hostel properties and misbehave with any hostel staff.
- Playing music in high volume, shouting / talking in loud voice, observing party etc. within the hostel premises which disturbs other inmates, is strictly prohibited
- During College hours a boarder must not remain in the hostel without prior permission.
- In the event of receipt of any allegations regarding the violation of any of the conditions of the Hostel Rules by any boarder, the Hostel Superintendents have the authority to remove the boarders from the hostel without assigning any reason or even without giving any opportunity of defense to the boarder.



HOSTEL RULES FOR GIRLS

1. Visiting hours for the outsiders to the girls' hostel is from 4.00 p.m. to 6.00 p.m.
2. All residents of the girls' Hostel must be back to the Hostel by 6.00 p.m.



3. The study hours and dining hours as prescribed by the Superintendent should strictly be maintained.
4. Parents must provide a list of persons to the Hostel Superintendents who can meet his/her ward in the visitor's room.
5. Only lady family visitors are allowed inside the rooms of the Hostel but they are not allowed to stay after 6 p.m.
6. Smoking, drinking Alcohol, Taking Drugs or any other intoxicants is strictly prohibited.
7. Keeping weapons in possession inside hostel is prohibited and it is a punishable offence.
8. Ragging in any form and harassment of any nature to fellow boarders are strictly prohibited. Any complain or even simple information given by the victim, any boarder, hostel staff or official will liable the culprit(s) stringent punishment.
9. The boarder should not damage any hostel properties.
10. Misbehavior to any hostel staff is punishable; negligence in duty by any hostel staff may be reported to the Superintendents.
11. During college hours a boarder must not remain in the hostel without prior permission.
12. Playing music in high volume, shouting/talking in loud voice, observing party etc. within the hostel premises which disturbs other inmates, is strictly prohibited.
13. Prior written permission from Superintendent/Asst. Superintendent is mandatory to remain absent from the Hostel.
14. In the event of receipt of any allegations regarding the violation of any of the conditions of the Hostel Rules by any boarders the Hostel Superintendents have the authority to remove the boarders from the hostel without assigning any reason or even without giving any opportunity of defense to the boarder.

MESS RULES

1. The boarders of the Hostels for both boys and girls should dine in the mess. They are not to take food outside.
2. Any complaint about food/Mess-timing etc. must be given in writing to the Hostel Superintendent for necessary action.
3. The mess workers should not be subjected to verbal or physical abuse of any kind. Any student involved in such activities will be punished.
4. Mess dues should be paid in time.
5. Mess is managed by the students and guided by the Hostel Superintendent.





Members of the Governing Body

From Left to Right (First Row) : Sri Keshab Chandra Panigrahi(Working President), Sri Madhab Chandra Kar (Member), Sri Ardhendu Praharaj (Member Finance), Er. Ashok Basa (President), Dr. R.K. Chhotaray (Principal-cum-Secretary), Sri Ghasiram Kalia (Member Finance), Prof. A.K.Behera(BPUT Nominee), Sri Gobinda Chandra Pradhan(Member),

From Left to Right (Second Row) : Prof. J.K.Kar, Retd. (NOU Nominee), Sri Amulya Kumar Dandpat(Special Invitee), Sri Saroj Kumar Das(Special Invitee), Sri Debendra Nath Mohanta(Special Invitee), Sri Durga Charan Murmu (Special Invitee), Sri Shirish Chandra Kar (Special Invitee)

OTHER G.B. MEMBERS : Mrs. (Dr.) Bini Sarangi (Member) Sri J. Kumar (Govt. of Odisha Nominee), General Manager, NESCO, Balasore (AICTE Nominee), Mr. Amiya Kumar Dwari (Special Invitee)

Seemanta

Engineering College

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Road Map (Way to SEC...)



Seemanta Engineering College

AN ISO 9001-2000 CERTIFIED INSTITUTION
| MAYURBHANJ | ODISHA |

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