



SAC-IQAC BULLETIN

Editors

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ST ALOYSIUS COLLEGE (AUTONOMOUS), MANGALURU

VOL 4, ISSUE 6

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December, 2018

Cyclo Walkathon

St Aloysius College (Autonomous) had organised "CycloWalkathon" for Pollution Free Mangaluru on 9th December 2018 at 6:30 am in association with Mangalore Bicycle Club, Sahyadri Sanchaya, D.K. Bus Operators Association and Mangalore Forest Range. Prof. Rohan Fernandes, Associate Professor of English, Srinivas University College of Engineering and Technol-



ogy, Mangaluru was the Chief Guest. Rev. Fr Dionysius Vaz, SJ, Rector, St Aloysius Institutions, presided over the programme.

Hundreds of student participated in the 'cyclo-walkathon' organised by St Aloysius College (Autonomous) in association with Mangalore Bicycle Club, Sahyadri Sanchayana, Dakshina Kannada Bus Operators Association and Forest Range, Mangaluru region on Sunday, 9th December 2018.



Flagging off the event, Prof Rohan Fernandes, associate professor of English, Srinivas College of Engineering and Technology said, "It is a very good initiative taken by the college management and students for raising awareness

on 'Go green'. I liked the slogan 'Pollution-free Mangaluru' which is apt for current situation. By this event, we



can give a good message to the public. It is nice to see the younger generation coming forward with the responsibility of saving nature."

Fr Dionysius Vaz, Rector, St Aloysius College said, "St Aloysius College has already got nationwide appreciation for its green campaign. Today, with the association of other organisations, we are conducting this event. We are trying to give a message to the public about protecting nature. I congratulate the students who have gathered here for a good cause. If our younger generation comes forward with the intention of saving nature, it will be more effective."

Sridhar, Forest officer, Mangaluru, Joe Gonsalves, Chief Traffic Warden, Mary Pereira, Traffic warden, A M Na-



rahari, Registrar, SAC, Claret Periera, Convenor, and others were present.

The 'Cyclo-walkathon' passed through St Aloysius College, Bunts Hostel, PVS Circle, Ballalbagh, Managudda, Ladyhill, Urwa Store and other parts of the city.

Reported by Ms Chandrakala

Aloysius Premier League 2K18

St Aloysius College (Autonomous)-Mangaluru in association with Physical Education Dept, and Students Council of SAC organized the first Season of the Aloysius Premier League 2K18 (APL) played on St Aloysius centenary Ground-Mangaluru on 23 and 24 December 2018. Just like the IPL, here the APL has become a proper platform for the upcoming cricket talents of the SAC students to step into greater heights in the cricket field.



Eight teams participated in the Overarm Cricket Tournament, with 8 overs each.

The league tournament consisted of 8 franchises namely Detroit Bulls; Young Tuluvas; Mentho Warriors; Raptors XI; Soaring Sixers; City Arena; Royal Falcons; Red Backs. The event began with invoking God's blessings through a prayer song by the students of SAC led by Miss Valezina D'souza and group. The tournament was inaugurated by A M Narahari-Registrar of SAC, along with Fr Praveen Martis SJ -Principal SAC, Dr Dinesh Nayak- Chairman of APL; and Convener Rahul Suvarna. Event coordinators Alan D'costa and Siyaq, and Student Council president Relston Lobo were also present. Addressing the gathering chief guest A M Narahari said, "I am happy to note that this is First season of the APL, which is unique in a college. Many who have played on this ground have made it in the national test cricket, namely K L Rahul, Sanath Kumar and others. Cricket is



a passionate and unpredictable game – Ultimately the winner comes out with a sportsman spirit. First of all you should all know that winning in this tournament is not important, but participating in it is. You are all winners already by taking the bold step in coming forward to fight in this tournament. You need to play with determination and enthusiasm, play with smile on your face

and anxiousness- and not in a sober and grumpy attitude. You have all come here to unleash your sporting talents, so do it with love and determination. This is a ground where India Cricketer K L Rahul played and has now reached greater heights in the cricket field. May be you could also be one of the budding cricketer of India. Wish you all best of luck in both the tournaments-play with faith and truth, don't argue or blame the umpires, play with a motto and dream to win. If you don't win this time it's okay, you'll more chances later- Try, try and you'll succeed. All the best"

Also speaking on the occasion Fr Praveen Martis SJ said, "I am happy to note that a First of its kind APL is played on this ground, where Indian cricketer who was our student, K L Rahul had played, and has now become an Indian cricket star. Just like the chief guest said, "Winning is not important, participating is important". You should all follow in the footsteps of K L Rahul, and thus look forward to be like him, and play in the Indian Cricket Team. If you have determination and dedication, anything is possible. Aloysius is known for its brand, but in the sports we are yet to reach higher levels. We need to pave a way for a new era. This institution apart from academics has provided all the facilities when it comes to



sports activities, and many of our students have shined and brought laurels and fame to our institute. Let APL be a role model for other tournaments also. I wish you all success in the tournament"

The tournament began with an exhibition match between the Students Council Team and Teachers Team, in which the students council team won. In the final match between Soaring Sixers and City Arena, the champions were Soaring Sixers, where City Arena were runners up. Man of the match was Anson Noronha; Best Batsman was Shawn Noronha; Best Bowler- Ajith Kurian; Player of the tournament- Shawn Noronha. The prizes were distributed to the winners by chief guest Mithun Rai- President of Youth Congress, along with guest of honor Dr Alwyn D'sa-Professor at SAC and Fr Praveen Martis SJ

The vote of thanks was Delivered by SAC student Miss Shrsuti during the inauguration, and Dr Dinesh Nayak during the valedictory respectively, while the event was compered by student Miss Divya Dunha. APL -2018 Winners received Trophy, along with Rs 10,000 cash prize, and Runners Up with trophy and Rs 6000 cash.

Reported by Students Council

SPARKLE 2018
A National level Animation & Multimedia Seminar

The Department of Computer Science, Application and Animation of St. Aloysius College (Autonomous) had organised **SPARKLE 2018**, a National level Animation Seminar on 8th December 2018 in the Fr. L.F. Rasquinha Hall, LCRI Block. The chief guest of the event was Rev. Fr. Denzil Lobo SJ, Director of AIMIT, Beeri campus. He inaugurated the seminar by the lighting of the lamp.

The audience were then addressed by the chief guest he



commented that "we live in a volatile world and we need leaders who have creativity inculcated in them". The principal of St. Aloysius college Fr. Praveen Martis SJ presided over the function.

The speakers for the sessions were **Mr. B.S Srinivas**, CEO - VedAtma Animation Studios, (Secretary of ABAI), he spoke about the career options in New Age Media, he commented that "the New Age Media has been the key factor in globalisation which has also led to the 'death of distance'."

The second session was taken up by **Mr. Ganesh Pappanna**, director of Thought Cloud Studios (Vice President of ABAI) in which he spoke about the importance of IP, challenges and opportunities in Animation. he commented that "we live in a world where value of creativity is misused by commercial sources and copyrights".

The last session was taken up by 3D Animator, **Mr Amith Sanjeev**, Rolling Dice Studios. He highlighted the importance of working as a team in the animation field.

The seminar provided an opportunity to the students to showcase their talent in the field through various competitions such as video ad making, poster designing and pencil sketching.

Mr Naveen Mascarenhas, HOD of the department of



Computer Science welcomed the gathering. The vote of thanks was delivered by Mr Santhosh Notagar, the Convener.

Reported by Mr Santhosh Notagar

Sangama

As part of their Annual Day, and also to commemorate World Disability Day, Arivu along with Sahodaya team and PG Department of Social Work from St. Aloysius College (Autonomous), Mangaluru celebrated a unique event "Sangama" at Eric Mathias Hall, St. Aloysius College, Mangaluru. The programme began with a prayer in order to invoke God's blessings, followed by inauguration of the event by lighting the lamp by former MLA J R Lobo joined by Lion Mr. Vijaya Vishnu Mayya, President Lions Club Mangaluru, Dr. Sreedevi Bhat, Ms. Shashikala Shetty Joint Deputy Director (Retd) Women and Child Welfare, Dr. Yogish DGM Health Services, MCF Limited, Arivu Trust Treasurer Dr. Radhakrishna Bhat, St. Aloysius College Head of Department of Social Work (Postgraduate) Shwetha Rasquinha, Sahodaya co-ordinator Mr. Dhiraj were present. Arivu Trust President Dr. K.S. Bhat presided over the function.

After Lighting the lamp Mr. JR Lobo Ex-MLA, Mangaluru South constituency, stated that differently abled children are full of talent and it is praiseworthy that Arivu team is striving to bring out the hidden talent of these children. To take this responsibility and make it successful sincerity and honesty are required as this job



is equivalent to God's work and a selfless service to God. The organisations in DK and Udupi are striving selflessly to serve the differently-abled population with sincerity and it is praiseworthy.

The Principal of St. Aloysius College, Rev. Dr. Praveen Martis SJ said "Other than imparting educational training to the special needs children we need to strive to provide job opportunities to them. That will create an environment to increase their self-confidence and successfully they will integrate in the mainstream society". Founder Director of Arivu Early Intervention Center Ms. Poornima Bhat in her inaugural address said that Arivu started with one child three years ago and currently providing various therapy services to seventy children. Leading organizations, colleges and the public of Mangaluru have supported the endeavor of Arivu and Arivu will strive to reach out and serve more children with special needs in the Mangaluru area.

After the stage program, cultural Program was performed by Arivu Special needs children and Team Sahodaya of St. Aloysius College. Team Sahodaya helped Arivu kids perform Group Dance and "Mile Sur Mera Tumhara" depicting National Unity and Integrity.

Reported by Ms Shwetha Rasquinha

Yoga and Mudra Camp Inaugurated at St Aloysius College

The Yoga and Mudra Camp for staff and students was inaugurated at St Aloysius College (Autonomous) on 3rd December, 2018 in the College Auditorium. Mr Kumara, KAS, Additional Deputy Commissioner and Additional District Magistrate, D.K. District was the Chief Guest. Rev Dr Praveen Martis, SJ, Principal presided



over the programme. Yogaratna Golapkrishna Delampady, an alumna of St Aloysius College, demonstrated Yoga and Mudra for Staff and students of St Aloysius College.

Chief Guest Mr Kumara in his speech thanked the organizers for conducting this camp. He explained the importance of Yoga and Mudra in our daily life. "Yoga is not only good for body, but for mind also. It has some power and we must understand it and practice it on a regular basis. We don't require so many health centres, instead we require these kinds of camps", he said. He advised that "if we practice Yoga for an hour, it will take care of our body for the next 23 hours. Hence, Yoga is the only way to take care of our body and mind. There are so many doctors for different body diseases but there is only one doctor for the mind i.e., Psychiatrist", he added.

Further he stated that organizing such yoga camps will help the people to move towards a healthy and tension-free society. Rather than medication, meditation is important. Yoga is the only way to spread positivity. Hence, he suggested to the audience to learn yoga and mudra and live a peaceful and healthy life.

Yogaratna Golapkrishna Delampady, in his speech, explained the importance of yoga and mudra. He said



Yoga is a symbol of peace in mind and spiritual achievement which means a sound mind in a sound body. He further said that, practicing Yoga and Mudra will make one feel relaxed, relieved and tension-free. Addressing the audience, Rev Dr Praveen Martis SJ, stressed on the importance of practicing yoga for peaceful and healthy

life. He further added that Yoga will improve concentration and memory power of students and gave the message to practice Yoga regularly. He explained how foreigners are inspired by Yoga and practice Yoga. Yoga and Mudra go hand in hand and meditation will purify our mind, he added.

Manasa and group conducted the prayer. Dr Ishwar Bhat, Convenor of the camp welcomed the gathering and introduced the guests. Dr Santhosh Wilson Goveas, Co-convenor of the camp, compered the programme and proposed the vote of thanks.

Reported by Ms Chandrakala

Ingenium Report

Hopkins Literary Club organised 'Ingenium,' a four-day long series of events as a part of the club's annual tradition of conducting a literary week.

In the academic year of 2018/19, the club held these events from the 17th of December, 2019 till 20th of December, 2019. Each day was dedicated to unique events the students could participate in. All events were held after regular class hours at 4pm.

On the first day of Ingenium - 17th December, Monday - Brevis, a short story/poem writing competition was held in room A304. The 24 participants that attended the event were given 3 different words and 30 minutes to come up with a 15 word story or poem. The competition was judged by Ms Shreya K from the department of English.

On the second day - 18th December, Tuesday - Comodia, a stand-up comedy competition was held in the main auditorium. 8 participants had stepped up to entertain the crowd and they were judged by Ms. Neeti Shetty and Ms. Roweena K from the department of English, alongside Naveen Kelvin Dalmeida from third-year BA.

On the third day -19th December, Wednesday -- Tall Tales, a stress interview competition was held in room A304. The seven participants were given an absurd statement on spot which they had to convince the judges. Mr. Anup Veigas from the department of English, Naveen Kelvin Dalmeida and Nivedha Iyer from third-year BA were present as judges.

On the final day - 20th December, Thursday - Parodia, a cosplay competition was held at Sanidhya Hall. The participants had to dress up as a fictional character and were judged on the basis of appearance and performance by Ms. Neeti Shetty and Ms Roweena K from the department of English and Ashish Sreejith of second-year BCA. Shortly after Parodia, the club's annual book release also took place. Rev. Fr Melwin Pinto, director of Maffei Block was present as the chief guest, alongside Dr Ratan Mohunta, Dr Sylvia Rego and Manuel Souza of the English department.

The chief guest, Fr. Melwin spoke to the audience about how vital literature is in a student's life and offered his insight about budding writers.

Finally, Fr. Melwin unveiled 'Untitled,' the creative brainchild of the students of the college and the event was concluded.

Reported by Mr Manual Souza

Field Visit and Workshop on Ethnomedicinal Plants

One day workshop on Ethnobotany and its significance was organized by the Department of botany, St.Aloysius College, Mangalore on 2-12-2018. The objective of workshop was to provide information about medicinal plants and mangrove habitats. A team of selected



24 students were accompanied by Ms. Pratheeksha, Mr. Ajith, Ms. Rashmi and Mr. Uday Kumar, Gardener at Pilikula Nisargadhama, Mr. Vishwananda – a local guide, who helped the students in identification of plants, animals and insects. Total 42 plants, 8 birds and 7 Mollusc species were identified. Resource person Uday Kumar explained value of medicinal plants in health care and Ms. Pratheeksha explained about wetland ecosystem. Team also visited to study an Estuary near Netravathi River Bridge. Himanshu Bhat (I BSc) and Bhavya (III BSc) were student in charge of the program. This workshop helped the students to learn new skills and knowledge about the plants and it enhanced interest towards biodiversity conservation studies and research.

Reported by Ms Rashmi K

Guest Talk- BBA Dept.

BBA has organized a guest talk on **CAPITAL MARKET AWARENESS with an overview of securities market initiated by BSE** represented by Lotus Knowl-



wealth Pvt. Limited on **6th December 2018** at Eric Mathias Hall from 3pm till 4.30pm.

Resource person for the talk was **Mr. Ramachandra Bhat** from Mahatma Gandhi memorial College, Udupi.

All the 3 BBA Students had participated and acquired the knowledge on the same.

Reported by Mr Chethan Shettigar

Report of Guest Talk

Name of the resource-person: Mr. Naveen Rego.

Venue: Aruppe 803, Timing: 2.00 pm - 2.55 pm

Topic for deliberation: Journey of being an entrepreneur in wealth creation.

The session commenced with the introduction of the resource person and general welcome by Ms Nikita (Final BBA A Batch). The resource person Mr Naveen Rego who is a Certified Financial Planner briefed about the mindset of the individuals by sighting few instances of wealth creation. He deliberated that even a salaried class can make wealth by investing in the business ventures. Some who cannot manage need to take the paid expertise from the financial consultants.

The session was followed by the interaction. The students were asking questions related to start-ups and investment, prediction of future of wealth creation, mechanism of trading in stock markets, bond market



and new instruments for investment.

He insisted on investment in education as a base source for wealth creation and a passion of enterprising as a trend to create wealth.

The session concluded with the vote of thanks proposed by Ms. Afia from Final BBA (A Batch).

Reported by Ms Arathi Shanbhag

Guest Lecture

On 20th December 2018, Amaritha, Economics association of PG studies conducted a guest lecture by Ms



Rohini Varma, DGM and faculty of NABARD, Mangalore on the topic "Working of NABARD in India". Staff and students from both M.A Economics and M.Com actively participated in the guest lecture. Guest speaker highlighted the major objectives and the functioning style of NABARD in the country.

Reported by Mr Alen Joshy

Dialogue with Dr Sathinath Sarangi, Social Activist of Bhopal

In collaboration with the Karnataka Karavali Janabhivridhi Vedike (KKJV), PG Department of Social Work of St. Aloysius college (Autonomous) Mangalore, organised a talk on 'Chemical Industries and Citizen's Vulnerability-Bhopal Experience and the Lessons', on 23 December 2018 in the college auditorium. Bhopal social activist Dr Satinath Sarangi was the key speaker for the session. Mr Bhat, a spokesperson of KKJV gave the welcome address and introduced the speaker to the audience. Rev. Dr Praveen Martis SJ, Principal of St Aloysius College, (Autonomous) Mangalore, delivered a message which emphasized the need of using education as the weapon to fight against the injustice happening around us. Dr Satinath Sarangi during his talk shared about his involvement in the movement soon after the Bhopal Gas tragedy and also about his on-going missions to ensure safe and sustainable developmental projects, fighting the unjust chemical industries which are a threat to man and diversity. He also focused on the chemical industries in South Canara and citizens vulnerability for such industries. During the dialogue time, students came up with many questions, which were answered by Dr Sarangi. Social activist Vidya Dinker was moderating the discussion between the students and Mr Sarangi. Riya Tomy, the student representative delivered the vote of thanks



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Reported by Ms Shwetha Rasquinha

Guest Talk - Botany Dept.

A guest talk on "Herbal remedies in Gynaecology" for UG students and faculties of all the departments in College was organized by the department of Botany St. Aloysius College on 7th December, 2018.

The session was started at 2:00 pm by welcoming of Dr. Anasuya Bharadwaj, the guest speaker. She talked about medicinal plants and herbal medicine preparations. Also highlighted that Aayurveda is one of the oldest and still

the most widely used system of medicine in the world today. Medicine formulations made exclusively from plants for remedies for gynecological disorders were discussed. Various medicinal plants and products displayed in the session helped the audience to get adequate knowledge about herbal medicine.

Dr. Jyothi Miranda was the Program Coordinator. The program began with a prayer song rendered by Ms Sahan, II BSc student. Ms Rashmi, lecturer, Department of Botany compered the programme. Dr Sana Sheikh accompanied the resource person during Q & A session and clarified the queries raised by the participants. 150 students from Biological sciences benefited from this interactive guest lecture.

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Reported by Ms Rashmi K

Guest Lecture on Modern Banking Services

The world today is an environment of ever growing affluences and complexities. With technologies evolving rapidly, the corporate world has experienced massive developments especially in the banking sector. Keeping these facts under consideration the heads of the Commerce Association of St Aloysius College (Autonomous) Mangalore along with the core student members organized a seminar on banking elements trends and evolutions. The session was held on December 7th 2018 in room number 504 of the Arrupe Block. The key note speaker of the session was advocate N Mohan Rao, Retired Manager of Canara Bank. The session began with an introduction by Ms. Sushita, student of first year B.Com. The key note speaker then proceeded with issues relating to the following:

The session was held on December 7th 2018 in room number 504 of the Arrupe Block. The key note speaker of the session was advocate N Mohan Rao, Retired Manager of Canara Bank. The session began with an introduction by Ms. Sushita, student of first year B.Com. The key note speaker then proceeded with issues relating to the following:

- Basics of the banking sector
- Historical background of banking transactions
- Trends such as mobile banking, internet banking
- Legal challenges facing the banking sector

The session was enjoyed by the members of the association who participated with interest and maintained decorum. The key note speaker cited various experiences as illustrations to explain his point of view. The session began at 3 pm and ended at 4:30 pm.

Abner Pinto, first year B.com proposed the vote of thanks after which the speaker was presented with a memento by Mrs. Bharati R. Overall the event was informative and hence proved to be useful to the members.



Reported by Ms Bharathi R

IQAC Meeting

PROCEEDINGS

The IQAC meeting was held at 10 am on 14-12-2018 in the conference Hall. Rev. Dr Praveen Martis, Principal presided over the meeting.

The following members were present: Dr A.M. Narahari, Rev. Fr Melwyn Lobo SJ, Mr Naveen Mascarenhas, Mr Harsha Paul, Prof. Abdul Rahiman, Dr Rio D Souza G L, Mr Gerard Peter Colaco, Dr Prakash Pinto, Dr Gerald Santhosh D Souza, Dr M N Venugopal, Rev. Fr Denzil Lobo SJ, Dr Richard Gonsalves, Dr Alwyn D Sa, Dr John E. D Silva, Dr Chandrashekhara Shetty T. Dr Norbert Lobo, Dr Adarsh M H, Dr Loveena Lobo, Dr Ronald Nazareth, Dr Vincent Mascarenhas

The following members were unable to attend: CA Kiran Vasanth, Dr Sucharitha Suresh, Rev. Fr Pradeep Anthony SJ, Ms Rajani Suresh, Dr Jayaprakash Gowda, Ms Rita D Costa.

The meeting started with a prayer led by Rev. Fr Melwyn Lobo, the Finance Officer.

Rev. Fr Principal welcomed the members of the new IQAC team for the term 2018-2020, with a special reference to the expert Members: Dr Abdul Rahiman, Prof Venugopal, Mr Gerald Colaco, Dr Santhosh D'Souza, Dr Prakash Pinto, Dr Rio D'Souza

The agenda was taken up for discussion

1. Minutes of the IQAC meeting held on March 20, 2018 Mr Naveen Mascarenhas, IQAC Coordinator read the minutes of the meeting held on August 28, 2017. The minutes were approved.

2. Follow-up action :

The IQAC Coordinator made a presentation of various developments and also the steps initiated for implementing the suggestions given in the previous meeting.

The members appreciated the excellent progress achieved by the college in recent years. They also expressed their satisfaction about the various initiatives taken by the college in improving the overall quality based on parameters set by NAAC and other regulating agencies. It was suggested to add regular PhD students under the total number of students. It was also suggested to have IPR-Gender Equity Cell.

Dr Vincent Mascarenhas made a presentation about the MOUs entered with various international, national and local institutions. He explained the activities under various MOUs which are functional. It was also mentioned that the college would make efforts to have MOUs with eastern countries including Japan, Singapore, etc. It was suggested that research component is very important especially when the institution is on the threshold of becoming a deemed-to-be University.

The presentations with follow-up action taken were approved.

The external members made various suggestions:

Dr Abdul Rahiman:

- The college should prepare the teachers so that they are mentally ready with a positive thinking on developing research.
- Research component will have a higher weightage in assessing and grading a University.
- Teaching and research should be the focus of teaching-learning process
- Prepare teachers for PhD guide-ship required once you become University

Prof Venugopal:

- MOUs with international universities will provide thrust for research.
- It is desirable to focus research only on certain identified areas and not on all areas.
- Identify the teachers with research aptitude and encourage them for engaging in research. The teaching assignment could be reduced to such teachers.
- There are many agencies at the national level for funding good projects.



- Joint research with international universities will help in getting funds from the concerned universities.
- Incentives could be provided for good researchers and have more fulltime researchers
- Multi-Institution research to be explored.

Dr Rio Dsouza:

- Applied research in general could be better as basic research is difficult due to teaching assignment.
- Social extension under Unnat Bharath Abhiyan will provide better opportunity to reach out.
- Technology based new courses could be started as the institution is autonomous. Technology enabled teaching could be tried to the extent possible.

Mr Gerard Colaco

- Programmes launched should be sustaining. The attention should not be deviated. Effective follow-up actions are to be taken.
- There is huge potential in Service Industry. Skill-based and Interest-based learning is important.
- Mangalore should be seen as a city of opportunities. Youngsters need a lot of skills and entrepreneurship.
- App based networking to have better contacts with new faces should be the priority. The Alumni can be strengthened by maintaining contacts. Such Apps could also be downloadable by everyone. Database of entrepreneurs to be created

Dr Gerald Santhosh D'Souza:

- The College needs the focus on developing sports infrastructure in a big way. A few steps have already been initiated in this direction.
- College should think of a sports complex. Since there are space constraints, vertical constructions to be planned.
- College could come up with a Sports Laboratory which provides scope for offering consultancy services.
- The college could connect with other institutions with regard to sports. A research project can be taken up to make a study of ranking of colleges in sports.
- The centenary ground is not conducive for sports under the present conditions with pebbles and unevenness. Laying turf may be planned.

IQAC Meeting

Dr Prakash Pinto:

- A mentoring Cell may be started in the proposed Civil Services academy of the college.
- The mentoring cell should be open for all students.
- It was informed that the Civil Services Academy will be housed in Gonzaga School. The classes would begin in May 2019. Coaching would be offered on all three phases-Preliminary, Final and Personality Test in different batches.

The IQAC Coordinator brought to the notice of the members the future plans of the college which included the following:

- The institution will start an academy for civil services in the name of St Aloysius Institute of Civil Services.
- CBCS system will be introduced to UG programmes from the next academic year-2019-20.
- An innovative industry integrated B.Com batch will be started from the next academic year. Similarly the proposal of offering Psychology subject as an optional subject in Science streams is under consideration.
- There is a proposal to start integrated B.Ed programmes.
- School system will be introduced under the Deemed University set up.
- Creating Innovation Cell and Placement promotions are in the process. A job fair is planned in February 2019.
- College will come out with coffee table books on Flora and Fauna of the college. Similar book is also being prepared to present the college effectively.
- Training programmes are being organized for developing the teachers.

Rev Dr Praveen Martis appreciated the active participation of expert members. He promised that the suggestions offered would be considered seriously. The meeting ended with a vote of thanks proposed by Mr Naveen Mascarenhas.

Reported by Mr Naveen Mascarenhas

Sayonara 2k18

Sayonara 2k18 – Farewell function for the final year students of MCA, MSc(ST) and MSc(BI) was held on 1st December 2018 at AIMIT auditorium at 10.00 am. The programme began with the prayer song followed by the traditional ceremony of placing candles on the sandpit. Fr. Denzil Lobo SJ, Director of AIMIT conducted the ceremony and also gave the message on this occasion. This was followed by the cultural programmes.



Educational Tour

III semester, M.Sc. Physics Students went on an educational tour between 26 November 2018 and 2 December 2018. They visited the pelletron accelerator facility and super-conducting LINAC facility at Tata Institute of fun-



damental research (TIFR), Mumbai and Giant Meter wave Radio Telescope (GMRT), Pune.

Reported by Dr Chandrashekhara Shetty T

Industrial Visit

Fifty students of the Commerce Association had been on an industrial visit to the 'Campco Chocolate Factory' located in Puttur on December 15, 2018. The factory is an hour and a half away from Mangalore. The students were accompanied by Mrs. Bharathi R and the Core members of the Association.

The students were shown a video of 20 minutes which explained the process of Chocolate Making. The video also provided the students with information about hygiene, quality and standards maintained. Before enter-



ing, the students were given guidelines that had to be followed inside the factory. Following which, the students were taken inside the factory where they got a first-hand experience of the manufacturing of chocolates and other products derived from cocoa which are exported to various places. The students were provided with samples of chocolate chips that were freshly made. It was a delightful experience. The tour in-charge explained in detail to the students about the functioning of the factory.

The Campco Chocolate Factory operates throughout the day. The personnel of the factory follow a strict medium of work. The organization which was formed in 1973 was a multi-state co-operative and is now a brand that people trust. At the end of the industrial tour, the students felt happy and immensely benefitted.

Reported by Ms Bharathi R

SACAİM 2018

SACAİM, International Conference on Advanced IT, Engineering and Management was held at AIMIT, St. Aloysius College on November 15th and 16th 2018. The inaugural ceremony of the conference began at 9:30 am with the prayer service conducted by the College choir. The conference was inaugurated by the Chief Guest Mr. Socrates K, Deputy Director, MSME, Govt. Of India and presided by Rev. Fr. Denzil Lobo SJ, Director, AIMIT. Prof. Santhosh Rebello, Dean, PG Dept. of IT and Bio-



Informatics, AIMIT, Mr. Srinivas B.L., Convener, SACAİM 2018, Mrs. Nausheeda BS. R. Organizing secretary, SACAİM 2018 were also present.

Prof Santhosh Rebello, Dean, PG Dept. of IT and Bio-Informatics welcomed the gathering and spoke about the need of students involvement in Entrepreneurship. Mrs Nausheeda BS. Organizing secretary of SACAİM 2018 introduced the Chief Guest. The chief guest Mr. Socrates K addressed the gathering and He gave a clear-cut explanation about the relation of the current platform of Students, which is in no doubt, at the ground level, with their performance and purpose in life. He called all the students to take risks and challenges, to get onto higher platforms, making changes, leaving a legacy behind. Rev. Fr. Denzil Lobo SJ, spoke about need of incorporating cutting-edge technology in an organization with the example of the Kodak company. The proceedings of the conference was released by the dignitaries. Vote of thanks was proposed by Mr. Srinivas BL. The inaugural function ended with the college anthem sung by the college choir.

First Keynote address was delivered by Dr. Rohini Rao, Asst. Prof – Senior scale , Dept of Computer Applications, MIT, Manipal about **Health informatics**. Second Keynote address was delivered by Dr Manjaiah D H, Professor and chairman, Dept of CS, Mangalore university. He discussed about **Practical approaches of cloud computing performance**

A Total of 148 Research papers were presented in seven different tracks parallelly in 2 days at 3 venues. All the



papers selected for presentation in the conference were published in the UGC approved international journal IJSRCSAMS.

The 1st track paper presentation started at 10:30 am on 16th

Nov 2018 : External judges were Demian Anthony D'mello, Canara engineering college and Dr. Geetha V, NITK Surathakal, Mangalore. The track head for this session was Prof. Manimozhi. A total of 20 papers were presented in this track

The 2nd track paper presentation started at 10:30 am on 16th Nov 2018 : External judges were Dr. Manjaiah D. H, Professor, Mangalore University, Mangalore and Dr. Jeevan Pinto, Yenopoya institute of technology, Mudabidre. The track head for this session was Dr. Santhosh B. A total of 25 papers were presented in this track



The 3rd track paper presentation started at 1:45 pm on 15th Nov 2018 : External judges were Dr. Rohini R Rao, MIT, Manipal and Dr. Parameshwar R Hegde, Yenopoya Deemed to be university, Mangalore. The track head for this session was Prof. Santhosh Rebello. A total of 30 papers were presented in this track

The 4th track paper presentation started at 3:00 pm on 15th Nov 2018 : External Judges were Dr. Sucharita Suresh, Yenopoya university, Mangalore and Dr. Naveen D'Souza, Yenopoya Deemed to be university, Mangalore. The track head for this session was Prof. Laveena. A total of 09 papers were presented in this track



The 5th track paper presentation started at 1:45 pm on 15th Nov 2018 : External judges were

Dr. Nagesh HR, AJ institute of Engineering and Technology, Mangalore and Dr. Mustaffa Basthikodi, BIT, Mangalore. The track head for this session was Prof. Ruban. A total of 33 papers were presented in this track

The 6th track paper presentation started at 10:30 am on 16th Nov 2018 : External Judges were Dr. Rama Adiga, NUCSER, Mangalore and Dr. Shailet Mathew, Mahesh institute Mangalore. The track head for this session was Dr. Hemalatha. A total of 15 papers were presented in this track

The 7th track paper presentation started at 1:45 pm 16th Nov 2018 : External judges were Dr. Prakash Pinto, St Joseph Engineering college, Mangalore and Dr. S Sridhar Research coordinator, MBA, AIMIT college, Mangalore. The track head for this session was Prof Rakesh Kumar. A total of 16 papers were presented in this track

The conference concluded with a valedictory ceremony on 16th November 2018. Dr. Vishal Samartha, Director- MBA programme, Sahyadri Institute of Technology was the chief guest. She gave an insight on the current needs of the industry and also compared the lifestyle of the present generation with the earlier ones. Best paper prizes were distributed and participation certificates were also distributed.

Activities of NCC Air Wing

Visit to Mother Theresa home: The NCC Air Wing cadets of St. Aloysius College visited, Mother Theresa home on 9 December 2018. Cadets interacted with the inmates for about two hours, gave a meaningful cultural programme, spent time listening to the inmates and distributed fruits to the inmates. The exposure enriched all



cadets to understand the feeling and real life situation of elderly persons and to reach out to them in their needs.

Vijaya Diwas: 7 cadets of St Aloysius College Air Wing attended 'Vijaya Diwas' commemoration ceremony, a



programme of honouring military men on December 16, 2018 at war memorial, Kadri hills, Mangaluru at 9AM. The programme motivated cadets to join defence and to serve the nation.

Talk by Major Chaitanya: Major Chaitanya visited the NCC Air wing of St Aloysius College on 20 December 2018 at 4.30 PM. He addressed the cadets for an hour



and shared his life experience. He spoke on what motivated him to join NCC and defence. The talk inspired and motivated all the air wing cadets and enriched them to know more about NCC Air wing and the various stages in training.

Reported by: Mr Alwyn Misquith

Activities of Centre for Social Concern

Shramadan: Centre for Social concern had participated in school construction work as a part of sahaya exposure on 25th November at Government Higher Primary school Daddalkadu, Bantwal. CSC guided the students to learn the value of labour and know the challenges involved in Manual work. More than 60 students of Science and Animation streams actively engaged themselves in construc-



tion of school building at Government higher Primary school, Daddalkadu. 5 hours of exposure; students did manual work of laborers. Ms K Gopika Coordinator of CSC along with Mr Sathish Naik from the department of UG Computer Animation accompanied and guided students.

Reported by Ms Gopika Suvarna

Wealth out of Waste: Play is the key to physical, mental, intellectual and social well being of children. It influences hugely on almost every developmental aspect of children's lives holistically and with multifaceted ways. School playgrounds play important role in their daily life for fulfilling their interest, development and learning needs.

Therefore, on 1st and 2nd December 2018, as a part of SAHAYA exposure Centre for Social Concern has helped to prepare a playground for Government Higher Primary school children at Baikampady by using waste materials. Around 60 students from Science and Animation



streams have took initiative in it. Ms. K Gopika Coordinator of Centre for Social Concern along with Mr. Santhosh Notagar from the department of UG Computer Animation had guided the students. Students utilized their skill of art and painting in order to create an attractive playground.

Reported by Ms Gopika Suvarna

Activities of Centre for Social Concern

Exposure- Visit to Pachanady waste dumping yard and vermicomposting plant:

Centre for Social Concern has organized visit to Pachanady waste dumping yard and vermicomposting



plant, for the first year degree students for SAHAYA exposure. On 10th, 20th, 27th and 28th of December, students along with Lecturers visited the plant and learnt about the procedure of waste management. This initiative aims to make students aware about the increasing threat of waste production in Mangalore. Ms Vinaya Dhurga, Mr Arun Dsouza and Mr Dileep, faculties from different UG departments, along with Mr. Sharon CN, Coordinator Centre for Social Concern, accompanied and guided the students.

Exposure- Visit to care & support centers:

Centre for Social Concern organized visits to care & support centers working with different target groups, for the



first year degree students as a part of SAHAYA Exposure. This exposure was conducted on 9th, 16th, 22nd, 27th, 28th, 29th and 31st of December. Institutions were **Snehalaya**, (Psychosocial rehabilitation Centre, Manjeshwar), **Sevasram** (Home for destitute, Derlakkatte) **Paschim** (Rehabilitation centre, Ullal) **Ave Maria** (Palliative care, Mangal Jyothi), **Animal care trust**, Shakthinagara and **Snehasadana** (Home for special children, Kaikamba). Students were active in interacting with the inmates, conducting recreational activities and providing physical assistance in these institutions. Mr Arun Dsouza, Dr Sana Shaik and Mr Harshith, faculties from different UG departments along with Mr. Sharon CN Coordinator Centre for Social Concern accompanied and guided students.

Exposure- UBA (Unnat Bharath Abhiyan) Survey:

Centre for Social Concern conducted the base line survey for UBA (Unnat Bharath Abhiyan) scheme at different adopted villages in Mangalore. Students from different U.G departments were actively engaged in this activity as a part of SAHAYA programme. Students along with Lecturers made house-to-house visits in the community and collected the details regarding the social and financial aspects of families. It was on 8th, 9th, 13th, 15th and 22nd of December, in different areas of Gurupura and Kandavara Panchayaths. Ms Bharathi, Dr Sana Shaik, Dr Vaisali Rai and Dr Narayan Moolya, faculties from



different U.G departments have accompanied and guided students along with Mr Sharon CN coordinator, Centre for Social Concern.

Exposure- Clean drive initiative by SAC : Centre for Social Concern in collaboration with M.C.C organized clean drive initiatives in different spots of Mangalore along with M.C.C officials, with an objective of conveying message of cleanliness to the General Public. This programme was conducted on 27th, 28th, 29th and 31st of December at, Bengre, Thotta Bengre, Baikampai and Tannir Bhavi areas. Students along with staff and M.C.C



officials cleaned the places where people use to dump waste. Later, the places were beautified with dumping Soil, protected with nets, and Banners against this practice were raised.

Reported by Mr Sharon C N

Christmas Celebrations at SAC

St Aloysius College (Autonomous) organized an inter-faith Christmas celebrations on 17 December 2018 at L F Rasquinha Hall. Rev. Fr Derick D'Souza, Director of Divine Mercy Retreat Centre, Dr G.G. Laxman Prabhu, Neurologist, KMC, Mangaluru and Prof. Hydrali, Govt. First Grade College, Bantwal were the guest speakers. The celebration was inaugurated by the guests by placing statues into the crib. Students enacted birth of Jesus Christ through a drama. They also created a festive mood by singing carols and dancing to the lively beats. Fr Derick D'Souza in his speech said, that "We call Dharma as religion which accepts everything. The word religion is derived from 'relegare' which means sending to a lower level or not accepting anything. Actually Dharma is not a religion, as per the Vedas and Hindu scriptures, Dharma means to accept all good, moral and wonderful things. There is no translation to Dharma is any language except Sanskrit." When we see God within



us, we can see God in others too. Every religion shows the reflection of God. He further said, "God did not divide us but unified us, but we divided God. Let the celebration of joy bring happiness to those who are in need." Prof. Hydrali said, that "Christian community was in forefront in imparting education to the masses. They have taught us English language which has a competitive advantage. Four important aspects like skill, knowledge, health and values are imparted in Christian institutions making an individual a complete personality." India is a country of unique diversity. He further said that, Jesus is the mighty messenger of God. His name has been mentioned in Quran 25 times. Quran respects Mariam as the chaste woman in the world. 'Love each other' is the common message given by Quran, Bible and Gita. He also said that Christian wom-



en grow Jasmine and the same being sold by Muslims and offered by Hindus in temples. Celebration of Eid, Diwali & Christmas brings all faiths together and promotes harmony.

KMC Urologist, Dr Laxman Prabhu said, "It's been a privilege to be part of this Christmas celebration. During our younger days, we were excited about Christmas celebrations because our mindset was fixed that Christmas means cake. This is the celebration of joy where good



message is imparted." He congratulated the organisers for arranging such a meaningful programme. He urged the students to practise Dharma which is a learning experience for all human beings.

Principal of St Aloysius College Dr Praveen Martis congratulated all the students and their effort in bringing out the message of Christmas. He further said "Divine becoming human and human becoming divine. God came down to earth and lifted us up. The real meaning of the celebration of Christmas is sharing and caring one another". Coordinator Anup Denzil Veigas welcomed the gathering and student council president Relston proposed the vote of thanks. Sonal Lobo introduced the guests. Joyston and Smitha compered the cultural events.

Reported by Ms Chandrakala

Christmas Celebrations at AIMIT



AL-CONNAISSANCE 2K18'

The Quiz Association of St. Aloysius college organized 'AL-CONNAISSANCE 2K18', A National Level Quiz competition on 15th December 2018 at Eric Mathais Hall. The Quiz was conducted by quiz master Mr Savin D'Souza who is the secretary of the association.



The quiz was open to all the PUC and Degree students of Karnataka and Kerala state. From various colleges participants enrolled in large number. Two participants make a team. Through the prelims top 6 teams were selected for the finals.

Closing ceremony was graced by Directors of Admin Block and Xavier Block i.e. Dr Alwyn D'sa and Dr John D'silva. Cash prizes worth Rs 5000 were distributed among for top 3 teams and e-certificates for all the participants were awarded. The Third Place was bagged by Mr Mithuraj and Abdul Hashim of Government First Grade College, Carstreet, Mangalore. The Second Place was bagged by Sarwin and Alistain of St Aloysius PU College, Mangalore. The First Place was bagged by Shadrul and Shreyas of Lourdes Central School, Mangalore.

Audience feedback was that the quiz was very informative. This event was successful with the help of Quiz presidents Ms Vanaja, Mr Neeldeep, Mr Praveen and Secretaries Kavin Fernandes, Savin D'Souza and quiz association members.

Reported by Ms Chandrakala

Christmas Chimes

The Christmas programme for the teaching and non teaching staff was held on 22-12-2018 at 12.00 noon in Rev Fr L.F Rasquinha hall, LCRI Block. Rev. Fr Felix Victor SJ, Campus Minister welcomed the gathering. **Rev Fr Stany Pereira**, Parish priest, Immaculate conception Church, Urwa was the Chief Guest and gave Christmas message. Rev Dr. Praveen Matris SJ, Principal shared his thought about Christmas. Rev Fr Dionysius Vaz SJ, Rector, St Aloysius Institutions presided over the function, and gave an inspiring Christmas message. The Christmas message was delivered by **Dr Ishwara Bhat**, Associate Professor, Department of Physics. Group of staff members sang melodious Christmas carols in different languages. The Christmas celebration was organized by the Campus Ministry under the able guidance of Rev. Fr Felix Victor SJ.

Reported by Mr Royal Praveen D Souza

Science Faculty Meeting

Science Faculty meeting held on 5.12 18 at 4pm in X502

Agenda:

- Improvement of Results
- Attendance follow up
- Discipline, cleanliness in the block
- Save Electricity –Educate the students
- Instructions from the Director
- Any other matter.

The meeting began with a prayer & welcome by the Director. He extended special welcome to HOD's & Staff of Economics, Animation and Computer Science dept, as they were not part of these meeting in the previous years/semesters.

1. Average result is 80% in Science.

A discussion was held on how to improve the results to 95% and members gave the following suggestions.

- Students failed in the end semester exam should be called and follow up has to be done, so that they get confidence in passing the internal exams.
- Remedials to be arranged in the form of assignment of important questions from past question papers.
- They should be called regularly by the class guide & subject teacher to motivate them; by politely talking to them.
- Since every teacher is accountable for the result the follow up is the responsibility of every teacher and they are answerable for their results.

Some observations by the Staff:

- Result Percentage to be calculated on the basis of number of students attended the exam.
 - NCC & Sports Students miss lessons and fail; sometimes they can't answer the exam & are unable to complete the degree. Some solution should be thought of.
 - All Students be made aware of the Calculation of internal assessment marks in theory and in practical.
 - Students must pass by getting atleast 50% marks in the I internal exam in order to participate in seminars /activities held inside/ outside the college.
2. Every staff have been requested to do attendance follow up of students so as to eradicate the menace of "attendance shortage"
 3. Staffs were advised to look after the Discipline & Cleanliness in the class.
 4. Every staff member was requested to put off the electrical appliances like lights, fans etc, when not in use, so as to save energy & reduce the electrical bills and educate the students also in this regard.
 5. General Instructions were given to the staff with regard to discipline, infrastructure, dress code, staff responsibility by the Director.
 6. Under any other matter, staff members made some observations.
 - Some new boards installed have air bubbles at some parts & hence need maintenance project cables of class rooms X 401 & X503 to be repaired.

The meeting Concluded at 4.55pm with vote of thanks by the Dean Dr Prakash Kamath.

Reported by Dr John D'Silva

IT Week

IT Club in collaboration with Department of computer Science, Applications and Animation Organized IT WEEK, Week full of IT Activities, Guest Lecture and Competitions from 15 December 2018 to 20 December 2018.

Gaming Event

"PubG" Gaming event was conducted on Saturday, 15 December 2018 at 1.30 PM for all the students in Xavier auditorium. There was a huge response from the students to participate in this event. This event was conducted in 2 rounds. The winners of this event was First place - **Suicide Squad** and the second place - team **Throne**. Mr Kanhaiya awarded with "best killer" with maximum kills of 6. Cash prize of Rs. 1000/- and Rs. 500/- was given to the winners.

IT Quiz

On Tuesday, 18 December 2018 IT Quiz was conducted for students. The students from all the branches took active part in this event. Mr Amruth from II BCA A batch was the quiz master. The IT Quiz consisted of 2 rounds. After the First round only 8 teams will be shortlisted to for the final round. The winners of this event was Raman of I BA B batch and Russel Rudolf of II BSc secured first place.

Coding

On Wednesday, 19 December 2018 coding Event was conducted for the students. There were 21 students who took active part in this event. The winners of this event are Russel Rudolf of II BSc SCSM secured II Place and Hansel Lobo of IIBCA B batch secures First place in this event.

Web Designing

This event was conducted On Monday, 17 December 2018 evening at 4 PM in the IT Lab 104. Ms Vanaja A from BCA Department was the judge for this event. In this event the screenshot of a particular Web Page was given to the students, they had to design the web page same as the screenshot given to them. The winners of this event are First place - Ravi Kumar of II BCA B batch, Second place - Sameeksha of II BCA A batch.

Guest Lecture

As a part of IT Week, IT Club in collaboration with Dept. of computer Science, Applications and Animation Organized a Guest Lecture on the topic Data Analytics- Career opportunities, on Thursday 20 December 2018 at 4 PM in Xavier Auditorium. The Resource person for was Mr Lanwin Lobo, Senior Manager in Data Science, Mresult Services Pvt Ltd Mangalore. Mr Ashok M Prasad, Dean, Dept. of computer Applications and Animation welcomed the gathering and introduced the resource person. Dr Alwyn D'Sa, Director of Admin Block Welcomed the Mr Lanwin with Lucky Bamboo Plant.

In his Lecture, Mr Lanwin Lobo focused areas of data science, technology development and various Career opportunities in data science field. The Prizes were distributed to the winners of IT Week Competitions. Certificates were distributed to the coordinators of various Events. The Students of IT Club benefited a lot from this Guest Lecture. This event was conducted successfully under the able guidance of IT Club Presidents Ms Archana Yashodhar and Mr Royal Praveen D'Souza along with IT Club Members.

Reported by Mr Royal Praveen D Souza

Bioweek - 2018

Bioscience association conducted "BIOWEEK - 2018" - various biology related competitions for I, II, III year BA, BBA, B.Com, BCA and B.Sc students from 17th to 20th December 2018.



The Competitions were:

Doodle Theme - "BEAT PLASTIC POLLUTION" on 17/12/2018. Face Painting Theme - "NATURAL DISASTERS" on 18/12/2018. Poetry writing Theme - "Nadiya Payana" in Kannada, "The Journey of River" in English and "Nadi ke Prayan" in Hindi on 19/12/2018. Bio Quiz on 19/12/2018 and on 20/12/2018 science related quiz competition. Vegetable Carving on 20/12/2018. Photography Theme - "NATURE IN THE CAMPUS"

Reported by Ms Shilpa B

Christmas Chimes

The Campus Ministry organised a short Christmas programme "Christmas Chimes" for the staff and students of the College on Friday, 21 December 2018 at the Mother Teresa Peace Park at 3 PM. The Programme began with a prayer Song by college choir. Rev. Fr Felix Victor SJ, Campus Minister welcomed the gathering. The Bishop of Mangalore Diocese, Most Rev. Dr Peter Paul Saldanha was the Chief guest for this programme. Rev Fr Dionysius Vaz SJ, Rector, St Aloysius Institutions presided over the function.

Carol singing was the main part of Christmas celebration by the team "mistle toe" and north Indian group of students, Team "Swat" had a hip-hop style dance. Rev Dr Praveen Martis SJ, Principal gave an inspiring Christmas message and encouraged and motivated the young Aloysians to be a Christmas blessing to others. This was followed by a Christmas cake cutting, by Most Rev. Dr Peter Paul Saldanha, Rev Fr Dionysius Vaz SJ, Rev Dr Praveen Martis SJ, Rev. Fr Felix Victor SJ. Transgender group "Parivarthan" were participated in Christmas Chimes. Mr Anup Denzil Veigas from the department of English proposed the vote of thanks.

The celebration was adorned by Christmas crib, Christmas Tree and Christmas stars arranged by AICUF,CLC and Konkani Association students. The Christmas celebration was organized by Campus Ministry under the able guidance of Rev. Fr Felix Victor SJ in the College premises which was a warm and festive event. The celebration brought cheer to every student and staff.

Reported by Mr Royal Praveen D Souza

Foreign Collaboration Cell

Universities from U.K. and U.S.

Dec. 4, 2018 - During the follow-up open house, representatives of these 10 academic institutions from U.K. were available for consultation in the IDP's Education Office in the Inland Ornate Building, Mangalore.

Universities in the United States of America

Dec. 13, 2018 – Representatives from 15 universities in the U.S. will be available for consultation in IDP Education Office, Mangalore, from 12:00 pm to 4:00 pm.

Industry-Academia Meeting - KSIA Corporate Office

Dec. 6, 2018 - An Industry-Academia meeting was held in the KSIA Corporate Office, Baikampady. It was attended by 12 industrialists and 6 faculty members of St Aloysius College (Autonomous).

The meeting was held on the premise of tuning-up academic research to sync up with industry requirements and for the former to benefit from research and innovative potential of the academia.

The interaction brought out several so-far-unidentified areas of *collaborative initiatives of mutual benefit if well planned and executed*. Though each of these could be implemented separately, they all seem interconnected i.e. starting the industry requirement of **Waste Management** and efflux control by **Recycling and Testing**, the resultant bi-products feeding into the **Green Initia-**



tives, creating opportunities for **Training, Education, Performance Enhancement, Certification and Internships**.

While the initial intent was oriented toward connecting industry processes with academia's applied sciences, this exercise would eventually engage its IT, commerce, business and financial disciplines as well such that a comprehensive work plan would effect in addressing the industry concerns of streamlining the support system i.e. systematizing office management, providing reliable expertise in handling financial matters, availing specialized scientific advice, and also remedying industry issues concerning shortage of qualified and reliable resources in view of the attrition rate caused by short term tenure individuals take up only for the sake of experience invariably affecting business performance.

Opportunities here are huge and so, correcting and realigning the inherent inadequacies on either side would result in narrowing down the widening void between the industry and the academia ultimately benefiting the students, faculty, business owners and employees, and optimizing industry performance.

Reported by Dr Vincent Mascarenhas

139th Annual Athletic Meet

St Aloysius College (Autonomous) held its 139th Annual Athletic Meet on 12th December 2018 in the College Centenary Ground. Dr Gerald Santhosh D'Souza, Assistant Director of Physical Education, Mangalore University was the Chief Guest and inaugurated the Annual



Athletic Meet Open. Former 'Mr World' Mr Raymond D'Souza, was the Guest of Honour.

Chief Guest Dr Gerald Santhosh D'Souza in his inaugural speech applauded the Physical Education department for taking initiative in preparing the students to present thoughtful messages during the March Past. He also reminisced his school and college days spent in this institution and shared his experiences as a sports student. He said that this meet was more like a get-together in which participation was itself an achievement. He urged the students to involve more in sports and get laurels to the institution. Besides this, sports keeps us physically fit and mentally strong. He also appreciated the College for providing wonderful sports facilities to the students to excel.

Rector, Rev. Fr Dionysius Vaz, SJ, in his presidential remarks said, that it was very exciting moment to see the sea of students participating in this Athletic meet by spreading wonderful social messages. He also said that Sports should begin with desire and continue with determination and dedication. He made a mention of new sports policy. During the Meet, the renovated Gym, Badminton Court, Basketball Court and Vermibin Unit were inaugurated by the guests.

Dr A.M. Narahari, Registrar, Rev. Fr Melwyn Lobo, Finance Officer, Deans, HODs, Class Guides, teaching and non-teaching staff were present during the meet.

Principal Rev. Dr Praveen Martis SJ welcomed the gathering. Athletic Meet Coordinator, Ms Precilla D'Silva proposed the vote of thanks.

Reported by Ms Chandrakala

Rural Immersion Programme

I semester M.Sc Physics Students went to rural immersion program at Mundgod and Hanagal between 30 November 2018 and 5, December 2018.

Reported by Dr Chandrashekhara Shetty T

In the month of December Radio Sarang visited Kadri Street, Kottara Street and Bikarnakatte Street for



Ooru Keri programme. The Programme has been well received by the listeners.

Several artists came for Konkanni programmes. Some of them were, Rt Rev. Dr Peter Paul Saldanha, Bishop of



Mangalore diocese; Francis Fernandes Cascia, writer and drama artist.

For the Hello Wenlock programme, Dr Sharath Kumar (Hematologist) Dr Naveen Kumar (Dermatologist), Dr



K.R Kamath (Orthopedic), and Dr Shivaprakash D S, (General Surgery) were the guests.

For *Hrudaya Raga* live programme from the house of an acclaimed artist, the team went to the house of Mr Richard Castelino, film director and producer. Chethan Pillar, film actor and drama artist, Goutham, singer and drama artist, came to the studio.

Some of the Yakshaganas broadcast in the month of December were *Rathi Kalyana*, *Brahma Baidar*, *Rathnavathi Kalyana*, *Tulu Nada Siri*, and *Yesu Kristha Mahathme*.

Several other artists also came to the studio for Kannada programme including Dr Aravind (Psychiatrist) from Bangalore. For Tulu Programme Sarvotham Shetty, a businessman from Abu Dhabi came for an interview.

Reported by Ms Carol Monteiro

College News in News Papers

Saturday, January 5, 2019

Science & Environment

The life that we discovered

NEW ADDITIONS: 2018 witnessed the discovery of several species of frogs, reptiles, fish, plants and insects, mostly from Western Ghats, Himalayas and Northeast India, writes Vignesh Kamath

Over 8.7 million species are known to be found on Earth today, but many scientists believe that we have only scratched the surface. Globally, hundreds of new species were discovered in the last two years. In India, the year 2018 was no less eventful! Scientists here discovered several new species of frogs, reptiles, fish, plants, insects and microorganisms.

"The sudden burst in amphibian discoveries in India in the past 20 years or so is largely due to the fact that people have started looking at frogs scientifically. The internet has also played a huge role in making scientific publications readily accessible to those interested in studying amphibians," says Dr Stephen Mahony, who discovered several species of frogs and geckos in India this year.

Many of the newly discovered species are already on the brink of extinction due to human-induced pressures, emphasising the need for more such efforts before we lose them undiscovered.

Mangaluru narrow-mouthed frog: A new species of narrow-mouthed frog was discovered in Mangaluru, Karnataka by researchers from Mangalore University, St Aloysius Pre-University College and Ashoka Trust for Research in Ecology and the Environment (ATREE). Interestingly, this frog was discovered in, and is exclusively recorded from, an industrial area in the city that is surrounded by seaport, petrochemical, chemical and refinery industries. It was named *Micryobryla kodialii* after Mangaluru, which is called Kodial in Konkani.

Bhupathy's shieldtail: Researchers from the Salim Ali Centre for Ornithology and Natural History, Coimbatore, and the Natural History Museum, London, have discovered a new species of shieldtail snake, *Uroplatis bhupathyi*, from the Anakkary hills in Coimbatore, Tamil Nadu. It is named after herpetologist Dr Subramanian Bhupathy. These are non-venomous, burrowing snakes found only in India and Sri Lanka. They are about 27-30 cm long and have a blackish-brown body with iridescent scales on the top, a greyish underside and a moderate tail shield.

Montane forest lizard: A new high-altitude-dwelling agamid lizard was discovered by scientists from the Indian Institute of Science (IISc), Bengaluru, Bombay Natural History Society, Mumbai, Oklahoma State University, US, and The Natural History Museum, London. This species, *Meioniscularia montana*, named after the word 'montane', is restricted to the high elevation shola forests of Kudremukh, Brazil



and dark brown patches on the back. They are arboreal and have small distributional ranges and pre-monsoon is believed to be their breeding season.

Guwahati bent-toed gecko: *Cyrtodactylus guwahatensis*, named after the city of Guwahati, is the fifth gecko and one each in Delhi and Mumbai. So far, researchers know little about the ecology, behaviour and geographic range of these species, apart from the fact that all these geckos are nocturnal and live on rocks or walls.

Dario neela: A new species of baetid fish, named *Dario neela*, is described from a stream of River Kabini in Kerala by researchers from Kerala University of Fisheries and Ocean Studies, Indian Institute of Science Education and Research, Pune and The Natural History Museum, London. This tiny fish, only about an inch long, was named 'neela', which means 'blue' in Hindi and some other Indian languages because of its iridescent blue coloration around the male fish's dorsal and ventral fins.

Pillanera nagalandia: Researchers from the Zoological Survey of India discovered a new species of water strider named *Pillanera nagalandia* from the state of Nagaland. Water striders are groups of insects with long legs covering

face of water bodies. The new species measures about 1.2 cm long with orange and black stripes on its body and is only found in fast flowing streams.

Monopterus rongsaw: A new species of swamp eel, *Monopterus rongsaw*, was discovered in the remote forests of Meghalaya by researchers from the Natural History Museum, London and the University of Manchester, UK. It was named 'rongsaw' after the Khasi word for red, referring to the blood-red colour of the eel. Interestingly, this fish was found not in water but burrowing in the damp soil, around 50 metres from the nearest stream. Swamp eels live in caves, underground aquifers and in the soil. They are blind and breathe air through their mouth unlike other fish.

Gomphonema mayamae: Among the new species of diatoms discovered in the Himalayas and Western Ghats in 2018, the *Gomphonema mayamae* from the Eastern Himalayas near Arunachal Pradesh was the most interesting find. Researchers from Botanical Survey of India, Agartala Research Institute and University of Colorado, Boulder were behind this discovery. Diatoms are microscopic algae which are found in water bodies all over the world. The new species, which has a unique fringed structure in its head pole region of the girdle, is the first such freshwater

from the Wildlife Institute of India. Debrajan discovered a rare subspecies of hog deer, *Axis porcinus annamiticus*, in Keibul Lamjao National Park, Manipur, which was previously only known to be found in Thailand, Indo-China, Laos, Cambodia and Vietnam. Genetic analysis of different populations of hog deer led to the finding of the first record for this subspecies in India, indicating that the western limit of hog deer's geographic range is Manipur. The hog deer is listed as endangered in the IUCN Red List and the presence of an isolated population indicates that effective management is necessary to sustain this population.

Fimbristylis agasthyamalensis: A grass-like plant has been discovered in Agasthyamala Biosphere Reserve in Punalur, Kerala by researchers from the University College, Palayam and named *Fimbristylis agasthyamalensis*. This plant which flowers and fruits from October to March was found growing at elevations of around 800 m above sea level. A preliminary assessment revealed that this plant only has a range of about 2 sq km with less than 50 known individuals. They were found to be highly threatened by grazing from wild animals and the researchers recommend it to be listed as critically endangered in the IUCN Red List.

Deccan Herald 11-12-2018

Going green on wheels

'Cyclo Walkathon' for pollution-free M'luru

MANGALURU, DHNS: The St Aloysius College organised a 'Cyclo Walkathon' for a pollution-free Mangaluru on Sunday...

The slogan 'Pollution-free Mangaluru' is apt for current situation, Rohan Fernandes added.

Students participated in the 'cyclo walkathon'. Route in city 'The Cyclo Walkathon' passed through St Aloysius College, Buns Hostel, PVS Circle, Ballalbagh, Mangagudda, Ladyhill, Urwa Store and other parts of the city.



Indian Express 13-12-2018

IIT Palakkad to develop medical equipment, to partner with KMC



Director of IIT-Palakkad P B Sunil Kumar addressing students at St Aloysius College, Mangaluru, on Tuesday.

IIT Palakkad is set to partner with Kasturba Medical College in the city to develop sophisticated medical equipment...

Physics and soft matter, active systems, photovoltaic and membranes. While talks were underway, Kumar said, an agreement in the regard will soon be signed.

Dr. Vas expressed his keenness to develop a state of the art interdisciplinary laboratory that will inspire the young towards interdisciplinary research.

'Humanity lies in one person looking after other'

MANGALURU: Humanity lies in the action of one person looking and taking care of the needs of the other person, said former MLA J R Lobo. He was speaking at Sangama, a programme, organised to mark World Disability Month and the third anniversary of Arivu by Arivu Early intervention Centre, Sahodaya and Department of Social Work at St Aloysius College in the city.

Indian Express 13-12-2018

ST ALOYSIUS HOLDS ITS ANNUAL ATHLETICS MEET

St Aloysius College held its 139th annual athletics meet on Wednesday. Dr Gerald Santhosh D'Souza, Assistant Director of Physical Education, Mangalore University was the chief guest and inaugurated the meet.

IndExp. 11-12-2018

'SPARKLE 2018' held at St Aloysius

Mangaluru: The Department of Computer Science, Application and Animation of St. Aloysius College organised SPARKLE 2018, a National level Animation Seminar recently. Fr. Denzil Lobo SJ, Director of AIMIT, Beerl campus, who inaugurated the seminar said 'we live in a volatile world and we need leaders who have creativity inculcated in them'.

MANGALURU FRIDAY 11.01.2019

STUDY: GIRLS FARE BETTER WHEN IT COMES TO REPRODUCTIVE HEALTH AWARENESS

This is according to PhD thesis on awareness and attitude towards reproductive health among adolescents by Dr Roshan Monteiro

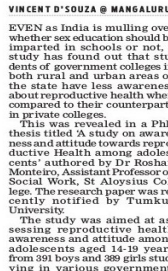
VINCENT D'SOUZA @ MANGALURU EVEN as India is mulling over whether sex education should be imparted in schools or not, a study has found out that students of government colleges in both rural and urban areas of the state have less awareness about reproductive health when compared to their counterparts in private colleges.

aided and private PU colleges in Mangaluru, Tumakuru, Bengaluru and Mysuru. Over 67 percent of them had reproductive health awareness and the awareness level was slightly higher among girls (89.38 percent) when compared to boys (86.47 percent). Over 96.4 percent of adolescents had moderate level of attitude towards reproductive health, of

whom 49.5 percent were boys and 50.5 percent girls. Interestingly, the study revealed that 81.1 percent of adolescents do not prefer to get information on reproductive health from parents or other significant people. It could either be that they found it difficult to share their views with them or the significant people have failed to provide effective awareness and they have been negligent of them themselves lack knowledge," said Monteiro.

Unaware of related facts Also, a majority of adolescents are not aware of masturbation, menstruation and related health issues. A majority of adolescents had a large number of psychological and emotional issues. A staggering 73.7 percent of adolescents had very poor information and opinion about health services, which shows that they are reluctant to visit health facilities due to lack of adolescent friendly health services.

Students look for awareness from educational institutions The study reveals that many adolescents desire for reproductive health and related education and training programmes at their respective educational institutions. In view of this, the study suggests that besides clear health promotion policies, an effective comprehensive intervention is required in promoting sexual and health education through counselling. A school's social work model can be determined with four basic concepts like adolescent health, counselling, life skills and mental health, under which adolescents will be trained. Correct and accurate information to young people can be introduced in schools/PU colleges, the study adds.



Dr Roshan Monteiro

'We must retain the few pockets of greenery left'

What is your earliest memory of this city? My earliest memories are of the kambala. Our compound was adjacent to the Kadri Kambala. Some 70 years ago, it was not a one-day affair but lasted for about a month. There were two preliminaries and only those who passed both could take part in the finals.

WHY I LOVE MANGALURU Rev Fr. Leo D'Souza Scientist & director of laboratory (applied botany) at St Aloysius College

Name three aspects would like the city to improve in the next 5-10 years? Broad safe foot paths. City officials should care not only for those having vehicles but also for pedestrians. Keeping the city clean is very important.

different from mine but also their religion, dress, their food, customs etc. But these differences did not keep us apart. When going to school, other, taking part in each other's activities and functions. At Deepavali and Christmas, fireworks were lit in common. At 'chauthi', we got sugarcane from our neighbours, and at ashtami a local specially made 'made' in a container made of khetta leaves. At Christmas, we took hampers of 'kuswar' to them.

How has the city changed over the years? Visitors to St Aloysius College would be taken to the tower from which one could get an overview of the city. Then, one could only see a green cover made up of the fronds of coconut palms. Today, the green cover has been plucked through by high-rise buildings, stand-alone houses are budding under their onslaught.

How has the city shaped your personality? The city has taught me to live in harmony and to respect and appreciate the diversity which makes up our society. All our neighbours were Tulu speaking. Not only was their language

What is your favourite regional delicacy? Crisp rice rotti (bakri in Kottayam) cooked between banana leaves on a mud tava. What aspects would you like the city to retain? The several pockets of greenery still left here and there. Some of the traditional stand-alone houses with a compound around them.

Deccan Herald 8-12-2018



St Aloysius College staff and students take part in yoga and mudra camp, organised at the college in Mangaluru.

Yoga helps to spread positivity, says ADC

MANGALURU: A yoga and mudra camp was inaugurated at St Aloysius College for staff and students recently. Speaking on the occasion, Additional Deputy Commissioner Kumar explained the importance of yoga and mudra in our daily life. "Yoga is not only good for the body, but also for the mind also. It has power and we must understand it and practice it on a regular basis. We don't require so many health centres; instead, we require these kinds of camps", he said.

help people to move towards a healthy and tension-free society. "Rather than medication, meditation is important," he remarked. "Yoga is the only way to spread positivity," he said and suggested that learning yoga and mudra would pave the way for a peaceful and healthy life. Yoga expert Golapakrishna Delampady explained the importance of yoga and mudra. He said Yoga was a symbol of peace in mind and spiritual achievement which means a sound mind in a sound body. He said, practising yoga and mudra would make one feel relaxed, relieved and tension-free. Principal Rev Dr Praveen Martis stressed the importance of practising yoga for a peaceful and healthy life. He added that Yoga would improve concentration and memory power of students.



St Aloysius College students perform 'Ninige Neene Galathi' drama at 'Archiele Rangabhaba', organised by Archiele Prathisthana at Don Bosco hall in Mangaluru on Thursday. | EXPRESS

Student Excellence

Paper presentation: Gaana M B of M.Sc. Physics presented her research paper at DAE solid state physics Symposium at Guru Jambheshwar University of Science and Technology, Hisar, Haryana. "Studies on swelling behaviour of radiolitically synthesised PVA / Gelatin Hydrogels" between 18-22 December 2018.

Light Music Singing : Manasa, III BSc won the I Place in Light Music Singing held during Karavali Yuva Utsav competitions.



Mahabharata Quiz programme: Anwith g Kumar. BA, Shreya. BSc & Sameeksha BCA got third prize in Mahabharata Quiz programme held today at town hall Mangalore organised by Yakshagana academy Bangalore in association with Kannada Sanskriti ilakhe D.K Mangalore on December 30, 2018



Carol Singing Competition: Science students won the III Place in the Carol Singing Competition held at St Agnes Centre for Postgraduate Studies and Research on 21 Dec 2018.



Singing Competition: Students won the III Prize in the group Singing Competition held on 27th Dec.2018 in beach festival as a part of Karavali Utsav. Singers: Chinmayi V Bhat, Manasa, Viyola, Mayura, Lahari, Valazeena. Instruments: Vaman prabhu (Keyboard). Sumanth kotian(cajon). Nishith(Guitar)

AUDACIOUS: MCom and BBA students represented St Aloysius College and participated in AUDACIOUS - A South Indian Management fest organized by ITM, Kan-nur. They have bagged cash prizes worth 1,00,000 and are the overall winners of the fest. Congratulations to all the participants.



Paper Presentation : II MSc Mathematics student Ms Chandrakala presented a paper titled "Soft in Sub Space" at an International level seminar on Recent Trends in Mathematics held at K.L.E. Society's Raja Lakhamagouda Science Institute, Belagavi during 27—29 December 2018.

Yakshagana Yugala Nruthya competition:

Gaurav G Kottari, II BSc & Vaishnavi B, I BSc won the II Place in the Yakshagana Yugala Nruthya competition held during Karavali Yuva Utsav program



Placements

List of students selected for Mphasis:

Sl. No.	Reg. No.	Name	Course
1	164282	Joel Sheldon Pinto	BBA
2	164238	Muhammed Musthafa	BBA
3	164438	Suhail K	BBA
4	163643	Adwin A Sunny	BCom
5	163415	Vikhyath Shetty	BCom
6	163110	Prajwal	BCom
7	163448	Jaison Roshan Bennis	BCom
8	164421	Adarsh Devadas	BBA
9	163654	Thomas Manuel	BCom
10	164380	Dhanish PP	BBA
11	164378	Muhammed Basil I	BBA
12	163646	Arun KT	BCom

List of students selected for WIPRO

Sl. No	Reg. No.	Name	Course
1	164770	Premiya Lakshmi	BCA
2	164757	Kaushuj Bhat	BCA
3	162462	Deekshith Shetty	BSc(PSM)
4	162339	Hosanna Vishail	BSc(PCsM)
5	164744	Dashline Jove Dsouza	BCA
6	164659	Melisha J. Sequeira	BCA
7	164742	Bushra Muktesar	BCA
8	162464	Harsha Haridas	BSc(PSM)
9	164610	Mohammad Suhail	BCA
10	162331	Alana George	BSc(PCsM)
11	162442	Cliffy John Thomas	BSc(SCsM)
12	162482	Shaba Tabassum	BSc(PSM)
13	162158	Ruby Merlin Pinto	BSc(PCM)
14	164654	Kavana Praveen	BCA
15	164652	Junel Monis	BCA
16	162422	Reema Pinto	BSc(SCsM)
17	162481	Anupriya Ch	BSc(PSM)
18	164774	Royston Robin Rodrigues	BCA
19	162235	Hrejul Premdas	BSc(PEM)
20	162168	Anavadya K K	BSc(PCM)
21	162147	Maria Raimy	BSc(PCM)
22	164730	Rolwin Sequeira	BCA
23	162237	Prajwal D. Moras	BSc(PEM)

Faculty - Student Excellence

FACULTY STUDENT JOINT PAPER PRESENTATIONS DURING SACAIM 2018

(Published in International Journal of Scientific Research in Computer Science Applications and Management Studies (IJSRCSAMS)) ISSN : 2319-1953

Prof. Santhosh Rebello	<ul style="list-style-type: none"> • COMPARATIVE STUDY ON ALEXA AND GOOGLE ASSISTANT Prof. Santhosh Rebello, Chaithra, Roshal Rosario • A STUDY ON GENETIC ALGORITHM BASIC CONCEPTS AND REAL WORLD APPLICATIONS Prof.Santhosh Rebello, Christeena Babu, Rinuraji Varghese • ARTIFICIAL INTELLIGENCE USING QUANTUM COMPUTING Prof.Santhosh Rebello, Manasa K M, Pearl Trichelle Fernandes • STUDY AND IMPLEMENTATION OF DEEP LEARNING METHOD –COLLABORATIVE FILTERING IN RECOMMENDATION SYSTEM: MOVIE RATING A CASE STUDY Prof. Santhosh Rebello, Nishanka Seetharama, Ramakrishna S Karanth • OBJECT DETECTION FOR ROBOTIC CAR DRIVING IN INDIA Prof Santhosh Rebello, Snehal Sakhardande, NischithNaik
Mr. Ruban S	<ul style="list-style-type: none"> • THE STUDY ON MODELLING AN IOT BASED FRAMEWORK FOR BUILDING SMART CITY Bhavithashree, Chaithra, Ruban S • AN EFFECTIVE SUPERVISED MACHINE LEARNING ALGORITHM FOR DETECTION OF PATIENT SURVIVAL DURING HEPATITIS TREATMENT Ruban S,Cijo Paul • A SYSTEMATIC STUDY ON IOT BASED SMART AGRICULTURE Ruban S, Misrina M.Y, ShravyaVenkatramana Bhat • REAL-TIME TRAFFIC MANAGEMENT SYSTEM IN SMART CITIES TO OVERCOME TRAFFIC CONGESTION Ruban S, Athul C, Hithesh B • THE STUDY AND THE ANALYSIS OF THE ROLE OF BIGDATA IN SMART AGRICULTURE Chaithra, Dimple, Ruban.S • IMPROVING THE TREATMENT OF NEONATAL JAUNDICE USING BIG DATA ANALYTICS Fakruddin Darvesh A.K,Harish, Ruban S • ADOPTING MACHINE LEARNING TECHNIQUES TO DETECT AND CLASSIFY STROKE AND ITS IMPACT Ruban S, Abin T Michae,l Jasmine Riyana Dsilva • STUDY AND ANALYSIS OF DENGUE IN KARNATAKA STATE Shahiq, Ruban S • A COMPARATIVE STUDY ON DIAGNOSIS OF DIABETES IN PREGNANT WOMEN USING SUPERVISED MACHINE LEARNING ALGORITHMS Ruban S, AashrithaSequeira, Aboobacker Fayaz • A PREDICTION MODEL TO TREAT PATIENTS SUFFERING FROM SNAKE BITES Aleena Grace Jerry, Roveena Ruby Suares, Ruban S
Dr. Hemalatha N	<ul style="list-style-type: none"> • COMPUTATIONAL MODELLING AND ANALYSIS OF RECEPTOR PROTEIN WITH HERBAL LIGAND IN PSORIASIS Kavitha B, Hemalatha N, Jithin Mathew • COMPUTATIONAL DOCKING AND ANALYSIS OF THE HERBAL DRUG - HECOGENIN AND TARGET PROTEIN -RENIN IN HYPERTENSION-LINKED PROTEINURIA Oshin Theodore, Hemalatha N. , Anusha TA • BIOINFORMATICS ANALYSIS OF MICROORGANISM ACTING ON WASTE DEPOSIT- A REVIEW Vrinda K, Nanditha K M, Hemalatha N • DOCKING ANALYSIS FOR THE IDENTIFICATION OF DRUG TARGETS AGAINST SALMONELLA ENTERICA ShraddhaUdaya Shetty , Hemalatha N, Jithin Jose Mathew • BIODEGRADATION AND PLASTIC ALTERNATIVES USING MICROORGANISMS Melcy Philip, Hemalatha Nambisan • NEUTRALIZATION OF LIPASE WITH LIGAND CARPAINE A COMPUTATIONAL MODEL Pooja Shenoy U, Hemalatha N, Jithin Jose Mathew • IN SILICO SCREENING OF INHIBITOR COMPOUND AJOENE AGAINST HYALURONATE LYASE, CAUSING BACTERIAL PNEUMONIA Manjusha G Y, Hemalatha N, Jithin Jose Mathew • COMPUTATIONAL STUDY AND ANALYSIS OF PSPA PROTEIN WITH DRUG EUGENOL FOR PNEUMONIAE AND IT'S CURE Ashritha D'Silva , Hemalatha N , Anusha T A • A COMPUTATIONAL APPROACH IN DOCKING ADATHODA VASICA TO PKNG DOMAIN OF MYCOBACTERIUM TUBERCULOSIS Shiny D , Hemalatha N , Anusha T A • COMPUTATIONAL MODELLING OF A DIABETES DRUG BY DOCKING PTP1B PROTEIN WITH NARELINE ALKALOID Sachin Dsouza , Hemalatha N , Anusha T A • MODELLING OF UREASE AGAINST SYRINGIC ACID USING COMPUTATIONAL METHODS Prathiksha Chowta, Hemalatha N, Jithin Jose Mathew • COMPUTATIONAL MODELLING AND DRUG DESIGN FOR JAUNDICE Mallika, Hemalatha N, Anusha T A • COMPUTATIONAL DOCKING OF DIPHTHERIA TOXIN WITH ALLICIN FOR DIPHTHERIA Minol Mrinaline Braggs, Hemalatha N, Jithin Mathew

Faculty - Student Excellence

Ms. Manimozhi R	<ul style="list-style-type: none"> • DETERMINATION OF ACTORS AND THE ENVIRONMENT IN AN ENGLISH SENTENCE USING AN NLP ALGORITHM Jaison Clinton Castelino, ManojMallya, Prof. Manimozhi R.
Mr. Rakesh Kumar	<ul style="list-style-type: none"> • A STUDY ON WATER QUALITY MONITORING SYSTEM BASED ON INTERNET OF THINGS Rakeshkumar, Akshay Rajiv Lotlikar , Shreyash Kalnad • A SURVEY ON NLP TECHNIQUES IN BIOMEDICAL FIELD Adyashree M.C, Rajatha K.J, Rakesh Kumar • STUDY ON E-GOVERNANCE AND ITS PROJECTS IMPLEMENTED IN INDIA Shashank Aithal, Roshal Christopher, Rakesh Kumar
Mrs. Suchetha Vijayakumar	<ul style="list-style-type: none"> • A COMPARATIVE STUDY OF SUPERVISED LEARNING ALGORITHMS IN EMAIL FILTERING Nishel-Roylin D'Souza, RenishaD'souza , SuchethaVijaykumar • EVALUATION OF DATA COMPRESSION USING LOSSLESS ALGORITHM Suchetha Vijaykumar, T Manoj, Trivarna • STUDY ON BCRYPT AND SCRYPT KEY DERIVATION FUNCTION ALGORITHM Suchetha Vijaykumar, Prathiksha,Rachana R • STUDY AND REVIEW ON VARIOUS PHISHING AND ANTI PHISHING TECHNIQUES Sandhya S, Thripathi S Shetty , Suchetha Vijaykumar • APPLICATION OF BLOCKCHAIN TECHNOLOGY FOR EGOVERNANCE IN INDIAN PERSPECTIVE Meghana C.S , Vidya Raj, Suchetha Vijaykumar • COMPARATIVE ANALYSIS OF PHONETIC ALGORITHMS Aneeshia Johny, Suchetha Vijaykumar • A STUDY AND ANALYSIS ON SPEAKER RECOGNITION TECHNIQUES AND CLASSIFIERS SuchethaVijayakumar, Shri Raksha N Shetty, Shyamala Hegde
Mr. Aravinda Prabhu S	<ul style="list-style-type: none"> • COMPARATIVE STUDY OF MEMORY MANAGEMENT IN EMBEDDED OPERATING SYSTEM Ankit Kumar Jain , Sayyed Mohamed Aboobacker, Aravinda Prabhu S • INTELLIGENT TRAFFIC CONTROL BY FUZZY LOGIC Roopa Shenoy, Meghashree, Aravinda Prabhu S
Mrs. Nausheeda B.S	<ul style="list-style-type: none"> • HOME AUTOMATION USING BLUETOOTH OF THINGS Shashidhara, Mahesh, Nausheeda B S • FACE RECOGNITION USING DEEFDREAM METHOD Deekshith K N , Sayyed Mohammed Arshad , Nausheeda B.S • COMPARATIVE ANALYSIS OF VARIOUS ALGORITHM FOR MOVING OBJECT DETECTION AND EXTRACTION Noah Jones Gomindes , Dayakumar Pillai, Nausheeda B.S • SKIN CANCER DETECTION USING IMAGE PROCESSING TECHNIQUES-A STUDY LerishaRoshal Squeira , Sancia Janice Pinto , Nausheeda B.S • COMPARISON OF VARIOUS ALGORITHMS FOR OBJECT RECOGNITION Nidhi , Vinitha Dsouza , Nausheeda B.S • SURVEY PAPER ON CHARACTER RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK Chaitra Shetty , Vidyarani H , Nausheeda B.S • PREDICTIVE ANALYTICS FOR ONLINE DATING SITES USING DATA MINING Devdatt Sawant, Shama S Shetty, Nausheeda BS • ANALYSIS OF PSYCHOLOGICAL TRAITS USING LINGUISTIC ACTIVITY IN SOCIAL NETWORK Parjanya Kumar, Venkatesh S Bhat, Nausheeda B S • A STUDY ON DETECTION OF DIABETIC RETINOPATHY USING IMAGE PROCESSING Sandhya M.P, Uma Shenoy, Nausheeda BS
Ms Annapoorna Shetty	<ul style="list-style-type: none"> • FACE RECOGNITION USING EIGEN VECTORS FOR DIGITAL ENVIRONMENT Jacintha Betsiya Rego, Sushmitha K , Annapoorna Shetty • ANALYSIS OF CYBER CRIME DATA USING K-MEANS, HIERARCHICAL CLUSTERING ALGORITHMS Karthik, Aakanksha.R , Annapoorna Shetty
Mr. C.G Thomas	<ul style="list-style-type: none"> • A STUDY ON MOBILE CLOUD COMPUTING WITH A CENTRAL CONTROLLER FRAMEWORK Lesleeta Lobo, FreedaD'Costa, Thomas C G • SECURITY GUIDANCE FOR MOBILE COMPUTING Shreya Mohan, Sreeshma V V, Thomas C G • ADJUSTED IDEAL CALCULATION FOR LOAD ADJUSTING IN CLOUD COMPUTING Abhishek.L.R, Aakash Monthero, Thomas C G • A STUDY ON ONLINE JAVA COMPILER USING MOBILE CLOUD COMPUTING Swathi A, Akshitha U, Thomas C G • POWER CONSUMPTION MONITORING SYSTEM USING INTERNET OF THINGS Jhonson T G, Moideen Shahid, Thomas C G • HEALTHCARE DATA ANALYTICS – A STUDY Avilla Valonia Pinto, Nidhisha M , C.G Thomas
Mrs. Vanitha T	<ul style="list-style-type: none"> • STUDY OF DIVIDED REGRESSION ANALYSIS Edwin D'souza , Vanitha T • CONJOINT ANALYSIS TO OBTAIN STUDENT'S PREFERENCE FOR COLLEGE Navaneeth Ravindran , Vanitha T

Faculty - Student Excellence

Dr. Santhosh B	<ul style="list-style-type: none"> • A STUDY ON MULTI DIMENSIONAL LOAD BALANCING ALGORITHM IN CLOUD COMPUTING Santhosh B, Chaithranjal, Induja K K • A STUDY ON WORKFLOW SCHEDULING ALGORITHMS IN CLOUD COMPUTING Santhosh B, Dhanya Balakrishnan, Kajal • A STUDY ON SCHEDULING AND VM LOAD BALANCING ALGORITHMS IN CLOUD COMPUTING. Santhosh B, Jovel Cardoso , Viola Pais • A STUDY ON SCHEDULING ALGORITHMS IN GRID COMPUTING Santhosh. B, Adarsh PS, Avil M. Ferrao • DIGITAL FORENSICS IN CLOUD COMPUTING ENVIRONMENT Santhosh B, Nelson Dsouza, Akash D Kumbhar • A STUDY ON SCHEDULING AND SERVICE BROKER ALGORITHMS IN CLOUD COMPUTING Santhosh B, Shree Krashan, Pratheeksha TK • CLOUD COMPUTING – USAGES AND APPLICATIONS FOR NGO'S Deepthi, Santhosh B
Mr. Suman Lasrado	<ul style="list-style-type: none"> • COMPARATIVE STUDY OF STOCK MARKET PREDICTION ALGORITHMS Suman Lasrado, Jovel Cardoso, Nelton Goes • PREDICTION OF CATEGORY DEVELOPED APPLICATIONS ON GOOGLE PLAY STORE USING KNN AND DECISION TREE ALGORITHMS Suman Lasrado Laveena D'Costa , Angad Lobo, Mohamed Rizan • AN AUDIO SYSTEM HIGHLY EFFICIENT FOR SECURING MUSIC FOR SONG ARTISTS Suman Antony Lasrado, Ruben Anthony D'Costa, Mervin Menino Rodrigues • PREDICTIVE ANALYSIS USING DATA MINING TECHNIQUE TO • ANALYSE USAGE OF SOCIAL MEDIA Dakshakh raj, Meghana, Suman Antony Lasrado • A STUDY ON BREAST CANCER PREDICTION USING DATA MINING Varun S Rao , Bhaskar Anant Devadiga, Suman Antony Lasrado • IMPROVING EMISSION TEST FOR VEHICLES IN INDIA Suman Lasrado, Clytan Dsilva, <i>MelroyGlan Pinto</i>
Mrs. Laveena D'Costa	<ul style="list-style-type: none"> • PREDICTION OF CATEGORY DEVELOPED APPLICATIONS ON GOOGLE PLAY STORE USING KNN AND DECISION TREE ALGORITHMS Suman Lasrado LaveenaD'Costa, Angad Lobo , Mohamed Rizan • A SMART TOOL FOR UNIVARIATE EXPLORATORY DATA ANALYSIS USING PYTHON Ashoka Wilson Dsouza, Laveena D'Costa, Sooptha D, Carol HycinthaFernandes • BMI HEALTH PREDICTION USING LOGISTIC REGRESSION MODEL & K-NN ALGORITHM FOR POST GRADUATES STUDENTS OF IT AND MANAGEMENT IN AIMIT Laveena D'Costa, Ashoka Wilson D'Souza, Abhishek Pratap, Anshul Agarwal • PREDICTION AND FINDING ASSOCIATION BETWEEN POSTURE AND LOWER BACK PAIN USING LOGISTIC REGRESSION, NAÏVE BAYESIAN AND DECISION TREE ALGORITHMS Laveena D'Costa, Ashoka Wilson Dsouza, Varna V Rao, Ashwathy K • DEVELOPING AN EFFECTIVE TOOL FOR BIVARIATE DATA ANALYSIS USING PYTHON Ashoka Wilson Dsouza, Laveena D'Costa, Ankitha M, Anusha • A STUDY ON DEVELOPING A TOOL TO IDENTIFY ONESELF AS AN EGOISTIC OR ALTRUISTIC PERSON Laveena D'Costa, Ashoka Wilson Dsouza, Justin P Varghese , Mano Tonyraj P • NAIVE BAYESIAN, SUPPORT VECTOR MACHINE AND LOGISTIC REGRESSION MODELS IN HEART DISEASE CLASSIFICATION Laveena D'Costa , Ashoka Wilson Dsouza , Mary Sonia Correya , DeelanJoston Monteiro • SENTIMENT ANALYSIS OF COLLEGE REVIEWS Ashoka Wilson Dsouza , LaveenaD'Costa, Rishikesh Patel, Suraj • MOVIE RECOMMENDER SYSTEM USING K NEAREST NEIGHBORING ALGORITHM Ashoka Wilson Dsouza, Laveena D'Costa, Santosh Kumar Gupta, Yogesh M Parvatekar
Mr. Riyaz Mohammed	<ul style="list-style-type: none"> • RESEARCH ON TEMPERATURE & HUMIDITY MONITORING SYSTEM IN THE HOSPITAL AREAS BASED ON IOT Nihal S Alva, Cecil V Mathew, Riyaz Mohammed • OBSTACLE DETECTION AND WARNING FOR BLIND USING IOT Riyaz Mohammed, Zaid Ebrahim, Poornima J • WASTE MANAGEMENT :DIFFERENTIATE DRY AND WET WASTE THROUGH IOT Riyaz Mohammed, Varsha.K, Swathi.S • SLEEP QUALITY MONITORING SYSTEM USING IOT Riyaz Mohammed, Prajwalkumar, BhagyaShree • EXAM MONITORING SYSTEM USING IOT Riyaz Mohammed, Jibin Jacob, Joylon Madtha • PREDICTION OF WEATHER FORECASTING USING IOT Riyaz Mohammed, Nausheer Ali Khan, Sushmitha J • GAS LEAKAGE DETECTION AND PREVENTION OF ACCIDENTS USING IOT Riyaz Mohammed, Shaista, Bhagyashree
Mr. Roshan Suvaris	<ul style="list-style-type: none"> • ROLE OF IOT IN TRAFFIC CONTROL Athul KP Yeshwanth P, Roshan Suvaris • A SURVEY ON MALAYALAM CHARACTER RECOGNITION USING CONVOLUTIONAL NEURAL NETWORK Mohammed Fahad koya, Soundarya, Roshan D Suvaris, Dr. S Sathyanarayana

Faculty Excellence

DR JIJI GEORGE, PG Dept. of Biotechnology

Completed the Train The Trainer (TTT) program course conducted by Life Science Sector Skill Development Council (LSSSDC) (Dec. 03, 2018), Govt. of India and now become a qualified Trainer for the two Job Roles.

- Quality Control Biologist
- Manufacturing Biologist

DR NORBERT LOBO, Dept. of Economics

- RESOURCE PERSON: Spoke on "**Challenges in Education Ministry and Future**" in the Mangalore Diocesan programme : "Evolving the Pastoral Plan with Lay Leaders" for the Lay Faithful, Priests and Religious representatives of the Diocese of Mangalore, held at Bendur on 4-12-2018
- RESOURCE PERSON: Spoke on "**Social Awareness and Youth Empowerment**" to the ICYM Udupi Diocese Central Council leaders and YCS leaders from various units of Udupi Diocese, held at Belman on 01-12-2018

MR KIRAN VATI K AND MR VINEETH KUMAR, Dept. of Zoology

Invited as resource persons for one day workshop on "**Current Trends in Biodiversity**", organized by Department of Zoology in association with Redcross and Ecoclub of University College, Mangalore on 27th December 2018.



DR. ROWENA WRIGHT, DR. BEENA DIAS & MR. ROYCE BARETTO, Dept. of MBA

Presented a paper titled "Antecedents of Financial Inclusion- an Exploratory Study" at A.J Shetty Institute of Management, Mangalore.

DR RAJANI SURESH, & MR. JUSTINE JAMES, Dept. of MBA

Presented a paper titled, "Cross cultural nuances in Psychological Contracts- an Exploratory Study in the Indian Business School Context" at the International Conference on Society and Management: Indian Culture Vis-À-Vis Western Culture December 7 & 8th, 2018 at IIM Kozhikode.

MR DELEEP M R, Dept. of BCA

Presented Research paper in International Conference of Recent Trends in Image Processing and Pattern Recognition - rtip2r 2018, Solapur University, Maharashtra, on 21st and 22nd of Dec 2018. Paper will be published in Communication in Computer and Information Science, *SPRINGER*

DR ROSHAN MONTEIRO, PG Dept. of Social Work



Tumkur University, Tumkuru.

has been awarded PhD degree in Social Work, for his thesis titled "**A Study on Awareness and Attitude towards Reproductive Health among Adolescents**" by Tumkur University, Tumkuru, under the guidance of Prof. Parashurama K.G., Professor & Chairman, PG Department of Social Work, Tumkur University, Tumkuru.

DR KRISHNAPRABHA, Dept. of Electronics

has been awarded Ph.D degree in "Materials Science" for the thesis entitled "Study of Noble Metal Nanostructures by controlled Transmetallation Reaction" by Mangalore University. She was guided by Prof. Manjunatha Pattabi of Mangalore University.



Faculty Recharging

DR VASANTHA G, Dept. of MBA

Has participated in the two-day Management Development Program on "Machine Learning Algorithm for Business Decision Making" on 15th and 16th December, 2018. This program was organized jointly by Analytics Society of India and Christ, Deemed to be University, Bangalore at Christ University, Bangalore.

DR HEMALATHA N & MS VANITHA T

Attended a GIAN workshop on "Statistical analysis of Big data using R" at Mangalore University from Dec 3rd to 8th 2018.

PG Maths - MATLAB Workshop

Ms Anupriya Shetty, Dept. of PG Studies in Mathematics along with the following students of II MSc attended a workshop on 'Basics of MATLAB and it's applications in Engineering Mathematics' on 17, 18 December 2018 at St Joseph Engineering College, Vamanjoor, Mangalore.

Students are:

- Ms Chandrakala
- Ms Dravya
- Ms Priya
- Ms Shaila Rodrigues
- Ms Shreesharanya
- Mr Mahith

Staff Excellence

Dr Asha Abraham was invited as Official visiting Associate Professor under “Sophia University Lecturing Research Grants”, Sophia University, Tokyo, Japan



In Collaboration with, Dr Takako Niikura, Associate Professor, Department of Information and Communication Sciences, Faculty of Science and Technology, Sophia University, Tokyo, Japan, Dr Asha Abraham worked on a research project entitled “Evaluation of the

effect HFD-60 on cognition in male C57BL/6J mice; with special emphasis on brain oxidative stress and insulin resistance **from 1st October to 31st December 2018.**

Total project cost = 18,47,600 yen (The grants included stipend of 5000 yen per day, 5300 yen per day rent of residence and 9,00,000 yen towards lab costs).

Dr. Asha Abraham was awarded travel grants by Tata trusts, a sum of Rs. 37000/- to cover the cost of travel to and from Japan.

Abstract of the work done:

It is well known that a poor diet and obesity can lead to certain disorders such as type II diabetes, metabolic syndrome (Met S), and heart disease. Though there are many reports of the association of metabolic syndrome and cognitive decline as well as dementia and Alzheimer's disease (AD) in human subjects, very few animal studies have been carried out to understand the molecular mechanisms involved.



Two groups of C57BL/6J mice were fed on HFD-60 and AIN-93M (regular diet) diets respectively for a period of 10 weeks and the effect on cognition were carried out. The following behavioral tests were conducted in the mice - Open field, Novel object recognition, Y maze, 0 maze and Barnes maze.



The behavioral tests were done using video tracking and analysis using softwares. It was found that the HFD-60 fed mice became obese, had high blood glucose levels, showed oxidative stress in the brain compared to those fed with AIN-93M. The HFD-60 fed mice showed signs of anxiety and slight impairment in decision making compared to those fed with AIN-93M. However, signal transduction in the brain did not show significant change between the two groups in this short duration study.

National level interdisciplinary conference on Physics of living matter and medical equipment

The physics Department in association with the departments of Physical and Biological sciences organised a National level interdisciplinary conference on the topic physics of living matter and medical equipment from



18th to 19th of December 2018. Prof Sunil Kumar, Director of IIT Palakkad inaugurated the conference and delivered the key note address. Rev Fr Dionysius Vaz, Rector St Aloysius institutions was presiding over the inaugural function. On the first day there were lectures by Prof Madan Rao of National institute for biological studies (NCBS), Bangalore, Prof Gautham Menon from the Institute of Mathematical science, Chennai, Prof MRN Murthy from Institute of Bioinformatics and Applied Biotechnology, Bangalore and Dr Ramgopal from



Poorna Prajna Research Institute Bangalore on the theoretical aspects of Physics of living matter.

Second day had talks on the physics of medical equipment. This included a talk on the topic Physics in Cardiology by Dr Manish Rai, Radio physics in imaging by Dr Ashwini Kumar, Physics behind the medical equipments used by an ophthalmologist by Dr Kishore Krishna, Physics of ENT care by Dr Gautham Kulamarva, Physics of interventional Radiology by Dr Keertiraj, Functional concepts of dental equipments by Dr M.S Ravi and a talk on energy sources used in surgery by Dr Jayatheertha. The valedictory was held on 19th December 2018 at 4 pm, Dr Sadashiva Rao, Pediatric Surgeon was the chief guest and Rev Fr Leo D Souza, Director of Applied Biology presided over the function. The conference which was first of its kind was attended by more than 400 participants including the staff and students.

Reported by Dr Narayan Bhat

Governing Body and Academic Council Meetings

The 23rd Governing Body meeting of the College was held on 24-11-2018. The Governing Body has taken several important policy decisions with regard to getting the deemed to be university status. The 15th Academic Council meeting was held on 15-11-2018. About 60 members attended the meeting. It has been decided to introduce the Choice-based Credit System (CBCS) for the undergraduate programmes also from the academic year 2019-20. New B.Voc programme Animation and Media Studies has been approved to be started from the current academic year.

Reported by Dr A.M. Narahari

Governing Body Meeting



Academic Council Meeting



(For Private Circulation only)
Published by
Principal, St Aloysius College (Autonomous),
Mangaluru

For Correspondence
P.O. Box 720
St Aloysius College Road,
Mangaluru - 575 003