



UNION CHRISTIAN COLLEGE ALUVA-2



SSR 5th CYCLE 2023



Criterion 1

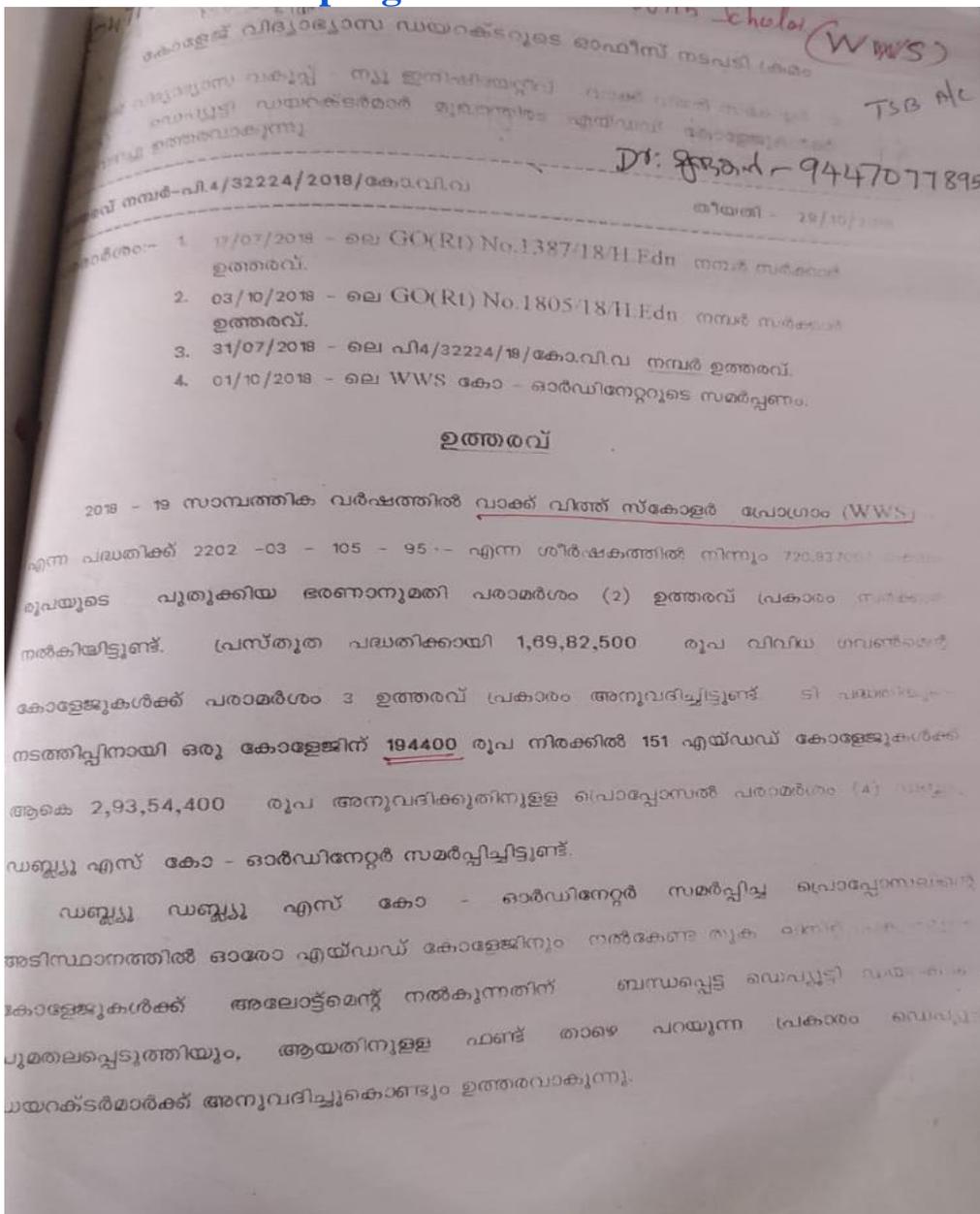
1.1.1 Curriculum Planning and Implementation



WALK WITH A SCHOLAR

It is a unique programme inculcating a holistic approach to education where a faculty walks with a student to give him/her guidance. This government-initiated programme is conducted in the college.

Order indicating sanction for the Walk With a Scholar programme 2018-19





ക്രമ നമ്പർ	ഡെപ്യൂട്ടി ഡയറക്ടർമാർ	എയ്ഡഡ് കോളേജുകളുടെ എണ്ണം	ഓരോ എയ്ഡഡ് കോളേജിനും അനുവദിച്ചിരിക്കുന്ന തുക	മൊത്തം തുക
1	കൊല്ലം	27	194400	5248800
2	കോട്ടയം	33	194400	6415200
3	എറണാകുളം	31	194400	6026400
4	തൃശ്ശൂർ	25	194400	4860000
5	കോഴിക്കോട്	35	194400	6804000
ആകെ				29354400

(രണ്ട് കോടി തൊണ്ണൂറ്റി മുന്ന് ലക്ഷത്തി അൻപത്തിനാലായിരത്തി രണ്ടായിരം രൂപ)

ഡെപ്യൂട്ടി ഡയറക്ടർമാർ ഓരോ കോളേജിനും അനുവദിച്ചിരിക്കുന്ന തുക അടിയന്തിരമായി നൽകുന്നതിനുള്ള നടപടി സ്വീകരിക്കേണ്ടതാണ്. ഡെപ്യൂട്ടി ഡയറക്ടർമാർ ഈ സാമ്പത്തിക വർഷത്തിലെ 2202-03-105-95-WWS മുൻ ശീർഷകത്തിൽ നിന്നും കുറവ് ചെയ്യേണ്ടതാണ്. Split up of expenditure of aided Colleges പ്രകാരം ഓരോ എയ്ഡഡ് കോളേജിനും തുക ചെലവഴിക്കാവുന്നതും അപ്രകാരം ചെലവഴിക്കുന്നത തുകയുടെ ധനവിനിയോഗ സർട്ടിഫിക്കറ്റും മറ്റ് ചെലവഴിയുമാസമയം കോ - ഓർഡിനേറ്റർ അതാൽ കോളേജുകളിൽ നിന്നും ചെലവഴിക്കേണ്ടതുമാണ്. ഈ പ്രോഗ്രാം സംബന്ധിച്ച മുഴുവൻ വിവരങ്ങളും ഓഡിറ്റിനായി കോളേജ്, സംസ്ഥാന കോ - ഓർഡിനേറ്റർമാർ സൂക്ഷിക്കേണ്ടതാണ്.

ഒപ്പ്/-
നവീന.വി.കുമാർ ഐ.എ.എസ്.
കോളേജ് വിദ്യാഭ്യാസ ഡയറക്ടർ

പകർപ്പ്:-

1. എല്ലാ ഡെപ്യൂട്ടി ഡയറക്ടർമാർക്കും
2. WWS ഡയറക്ടർ കോ - ഓർഡിനേറ്റർ
3. ബന്ധപ്പെട്ട എയ്ഡഡ് കോളേജ് പ്രിൻസിപ്പാൾമാർ
4. കറന്റ് ഫയൽ/സ്റ്റോക്ക് ഫയൽ
5. ശ്രീ. ഉപദേശൻ

|| അംഗീകാരം ||

ഡയറക്ടർ



Union Christian College Scholar 2018-19
Budget allocation Head of Account 2202-03-105-95

LIST OF AIDED COLLEGES

Sl No	Name of Institution	Account Number	Amount: Rs
Dy DCE KOLLAM ZONE			
Thiruvananthapuram			
1	Mahatma Gandhi(MG) College, Kesavadasapuram, Pattom.P.O, Thiruvananthapuram ,Pin: 695004	701041400000260	194400
2	Mar Ivanios College ,Nalanchira,Thiruvananthapuram ,Pin:695015	701041400000261	194400
3	N S S College for Women Neeramankara, Thiruvananthapuram , Pin:695040	701021400000042	194400
4	All Saints' College, Chackai, Thiruvananthapuram, Pin:695007	701031400000087	194400
5	Iqbal College Peringammala,Thiruvananthapuram ,Pin:695563	799011400004832	194400
6	Sree Narayana(SN) College Chempazhanthy, Thiruvananthapuram, Pin:695587	701051400000084	194400
7	V T M N S S College Dhanuvachapuram, Neyyattinkara, Thiruvananthapuram, Pin:695503	702051400000036	194400
8	St.Xavier's College,Thumba, Thiruvananthapuram, Pin:695586	701051400000085	194400
9	Sree Narayana (SN) College,Sivagiri, Varkala,Thiruvananthapuram, Pin:695145	701071400000038	194400
10	Christian College Kattakada,Kattakada,P.O, Thiruvananthapuram , Pin:695572	702011400000160	194400
11	Mannania College of Arts and Science ,Pangode, Kallara, Thiruvananthapuram ,Pin:695609	701081400000038	194400



UNION CHRISTIAN COLLEGE, ALUVA

Affiliated to Mahatma Gandhi University, Kottayam, India

NAAC Re-Accredited with A Grade in 4th Cycle (CGPA 3.45)

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SSR
5th CYCLE
2023

Dy DCE Ernakulam

1	Newman College Thodupuzha, Idukki, Pin: 685585	71005140000097	194400
2	Pavanatma College, Murickassery, Idukki, Pin: 685604	71012140000020	194400
3	NSS College Rajakumari, Kulapparachal P.O, Idukki, Pin: 685619	799011200005629	194400
4	Sanatana Dharma College Alappuzha, Pin: 688003	799010100134506	194400
5	St. Joseph's College for women, Alappuzha, Pin: 688001	706020100000050	194400
6	St. Michael's College, Mayithara P.O, Cherthala, Alappuzha, Pin: 688539	706051400000092	194400
7	Sree Narayana College Cherthala, S.N.Puram P.O, Alappuzha, Pin: 688582	706051400000091	194400
8	N.S.S College, Cherthala, K.R.Puram P.O, Alappuzha, Pin: 688556	706051400000093	194400
9	Devaswom Board College, Thalayolaparambu P.O, Kottayam, Pin: 686605	709041400000052	194400
10	St Xavier's College Vaikom, Kothavara P.O, Kottayam, Pin: 686607	709041400000051	194400
11	Baselios Poulose II Catholicos College, Baselios Mount, Mulakulam North P.O, Piravom, Pin: 686664	712031400000021	194400
12	Rajagiri College of Social Sciences, Rajagiri P.O, Kalamassery, Ernakulam, Pin: 683104	711101400000032	194400
13	Mar Athanasius (MA) College, Kothamangalam, Ernakulam, Pin: 686666	712081400000238	194400
14	Union Christian College Aluva, Ernakulam, Pin: 683102	711041400000057	194400
15	St. Teresa's College Ernakulam, Pin: 682011	711101400000035	194400



Report on the Walk With a Scholar Programme Conducted in

UC College, Aluva during 2018-2019

The Walk with a Scholar started in this college in the month of October 2018 after getting the final communication from the Government in this regard. An orientation programme conducted by the Government Department at Loyola College, Trivandrum was attended by the internal mentors which helped them in understanding various aspects connected with the implementation of the programme. Taking cue from this, we further deliberated on the guidelines issued by the Government and discussed various interventionist strategies with which we could effectively implement the programme in this college. Aspiring students were given adequate counseling about the programme and apart from that we personally followed and counseled teachers of various departments, who were to select the mentees. All possible means were used to inspire best students to join the programme. Selection of students was made strictly based on the provisions contained in the guidelines.

Initiation: Discussion between the coordinator and internal mentors

The coordinators and the internal mentors of the Walk with a Scholar Programme had a series of discussions and interactive sessions before taking the programme to the mentees. Our primary thrust was on the twin objectives of the programme as stipulated in the guideline; increasing higher education prospects of the mentees and helping them achieve positions at higher levels. We were of the view that this is not just a career building programme, usually followed by others, but one which is to be conceived for bringing the best out of the students in academics, social, cultural, and personnel life situations. As it is a three year programme, we decided to use the first-year of the programme as one for exploring the interest of mentees and confirming it. This was to be a foundational base for the mentees.

The first external mentoring session of the Walk With The Scholar Programme 2018 -19 was held on the 5th of February in the Math Seminar Hall. The lecture was given by Dr. V.P Gangadharan , renowned oncologist , former Head of the Department of R C C, Trivandrum. Dr. Sebastian Joseph, Co-ordinator of W W S , welcomed Dr.Gangadharan and gave a brief introduction. His lecture was on prevention, early detection and treatment of cancer . The session commenced with the question 'Is cancer curable?'. He proved that cancer is a curable disease by sharing the real life experience of the "cancer winners". His lecture transformed our perspective on cancer. The lecture concluded with a 10 minute interactive session which cleared all the doubts and queries of the scholars.

Dr. Gangadharan is a person who has cured cancer patients with his immense love and care. He has spread the light of humaneness in the medical field which continues to inspire multitudes. The talk changed our perspectives and took away the myths about cancer from our minds. We imbibed the essence of combining humaneness with our profession to achieve our goals. It inspired us to be better human beings who care about well being of the society.





The lecture on Media and Higher Education by Adv. Jayasankar, Media critic was held on 13 February 2019 at Union Christian College, Aluva from 3.30p.m to 5.30p.m.. He spoke about the advancements made by media and the resultant changes occurred in the world. Earlier, it took days and months for a news to get to the common people. Now, the informations are on our finger tip. He said that the reasons for mistakes in newspapers and other media are mistakes in translation, carelessness and inadequate knowledge of media persons. Media have their own interests and power. They circulate news according to it. But they also have limitations. Nowadays, there is no room for hiding informations from the common people as they have many sources to get information. He spoke about the Democracy in India. The talk was very interesting and informative. He expressed his ideas in a simple way so that we could understand them. It was indeed a very good class.

The third external mentoring session of Walk With the Scholar Programme was held on the 14th of February in the Math seminar hall. Dr Sebastian Joseph, co-ordinator of WWS, welcomed the resource person, Mr Alex Mathew, Regional Manager of T Horizon and Chief Trainer. His sessions were focused on preparing students to face formal interviews and to participate effectively in group discussions.

Mr Alex Mathew shared his personal experiences in attending interviews. His humoristic narration appealed to the students and gave them an insight into the different aspects that need to be taken care of while preparing to attend an interview. A mock interview was conducted as part of the training session so that the students would get a clear picture of the whole process. Students were also given a chance to speak to the audience and to give a self-introduction. This helped the students overcome their stage fear to a large extent. It was truly a fun-filled learning experience for the scholars.

On 15th of February 2019 we had our third external mentoring session by Shri. Bipin Chandran who is a renowned script writer in Malayalam film industry. The meeting was conducted exclusively for first year WWS students and there were a total of 18 students present for the meeting. Dr. Sebastian Joseph, the coordinator of the WWS programme, welcomed everyone to the gathering and introduced Shri. Bipin Chandran to the audience. Mr. Adhit Chandy George was selected as recording secretary for the session.

The topic was on Film and Higher Education. The resource person began by asking our names. He connected different names with different incidents of his life. He told us how he became a script writer and teacher. He also talked about the flaws of our current educational system and the need to rectify them. He criticized the usage of term "to cover portion". He says that the duty of a teacher is never to "cover" the portion, but to "uncover" it. After that it is the responsibility of a student to explore the "uncovered" portion. He emphasized the importance of the learning processes which take place outside the classroom.





image. The students were also made into groups and given a task to perform a play on the stage with the storyline based on a collage of things. It was really engaging as we were involved in group discussion which developed the team spirit and we all got an opportunity to perform on stage, which improved our public speaking skills. It was a skill packed interactive session with lot of new facts to gain.

On 20th of February 2019 we had our external mentoring session by Dr Aju k Narayanan. The session was conducted for both first years and second year students. Dr Sebastian Joseph, coordinator of WWS programme welcomed everyone and introduced Dr Aju Narayanan to the Students. He shared his memories about Aju Narayanan sir. The Topic was The Routes and Roots of higher education. Sir started his talk by introducing himself, about his childhood and collage days. He began his lecture by recollecting his memories about his teacher. That was a heart touching way to start the class. He explained how he became the man he now is. He said that what we had studied till now is nothing, the real knowledge lies beyond what we had accumulated till now. His lecture was actually the introduction of four eminent personalities. Through their vision and point of view He uncovered the meaning of higher education. The first person speaker introduced was Jurgen Habermas who is a German philosopher who classified knowledge into three level. The first level is level of information that is actually the basic knowledge. Second level is the level of interpretation in which the information gets interpreted by the person, through that he /she develops a perspective. The third stage is the level of critic which is the Deconstruction of knowledge. Sir convinced us that all the knowledge we accumulated was just level of information. He said that in higher education the level of and interpretation and critic must be developed. Then he introduced the WARDA SCHEME of education introduced by Mahatma Gandhi in which He introduced the concept of SARVODAYA inspired from John Ruskin. The Theory of Gandhi was to provide everyone every knowledge and the rise of everyone. The third personality was Rabindranath Tagore who established visva bharathi university. His vision about university was very inspiring. The motto of university is "where the whole world can find a Nest " which Aju sir explained as the ultimate aim of education. The fourth personality was Dr yash pal who was an Indian scientist and educationalist. Sir shared Dr yash pal experience with a tribal student in that she opened up another dimension of knowledge to him by explaining the knowledge of nature.

The first meeting of the WWS was held at department of Physics November 2018. Ambition of each mentees and the ways they envisage to attain the goal is discussed. The necessity of Research in academics of undergraduation studies. Various research topics concerning the mentees were discussed. The opportunities and challenges were discussed. Each student is asked to give feedback on the previous mentoring class. The gain they themselves feel were shared. The external mentoring of the previous years were discussed in detail. Know how of various sophisticated research instruments was identified as one plan. The students were given a flavour of research in by introducing them to various techniques like absorption spectroscopy, FTIR, SEM etc. The techniques are very useful for the mentees for understanding certain fundamental ideas of





absorption and how the absorption takes place in different materials. The FTIR analysis was discussed to them which is very useful to both physics and chemistry students. Testing using these techniques was elaborated. Another session was taken by taking students to CUSAT sophisticated instrumentation center for understanding expensive technique Transmission electron microscope TEM. The set up is placed in a special room with special accessories. The technician elaborated how different species of biological samples are analysed using TEM. Cross sections of frog spider termites etc were shown to students.

Two sessions were given to mentees about various lab facilities and works involved at dept of Physics UC college. Four research labs were visited and details of ongoing research and publishing of research works were discussed. The need for industrial visit was debated. The students learn different subjects in a narrower perspective. The industrial visit would help them to scale up the learning's of class rooms. The students were asked to give feedback on previous classes.

The first meeting of the WWS was held at department of Physics November 2018. A review of previous year's meetings and outcome was discussed. The need for proper planning in implementing focussed plans was discussed in the meeting. The external mentoring of the previous years were discussed in detail. Know how of various sophisticated research instruments was identified as one plan. The students were given a flavour of research in by introducing them to various techniques like absorption spectroscopy , FTIR,SEM etc. The techniques are very useful for the mentees for understanding certain fundamental ideas on absorption and how the absorption takes place in different materials. The FTIR analysis was discussed to them which is very useful to both physics and chemistry students. Testing using these techniques was elaborated. Another session was taken by taking students to CUSAT sophisticated instrumentation center for understanding expensive technique Transmission electron microscope TEM. The set up is placed in a special room with special accessories. The technician elaborated how different species of biological samples are analysed using TEM. Cross sections of frog spider termites etc were shown to students.

One session was on the career prospects of students in terms of higher education and job openings. National level competitive exams and its prospects were discussed with students. Physics books were introduced to students. Two sessions were given to mentees about various lab facilities and works involved at dept of Physics UC college. Four research labs were visited and details of ongoing research and publishing of research works were discussed.

Over a period of ten sessions mentees have gained the confidence to express themselves and the ability to assess themselves and the world around them. The ice breaking session helped them overcome their inhibitions and equipped them to mingle easily. Through activities that involved group discussions, they got accustomed to taking into account views and opinions other than their own and hence helped them become more empathetic in their approach. The sessions provoked the mentees to think outside the box and so encouraged critical thinking.

The field trips to a News Channel (Malayala Manorama) and an Entertainment Channel (Mazhavil Manorama) gave them a novel experience of an area they were completely new to. Some of them





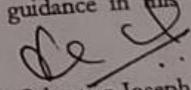
have begun to nourish a desire within their hearts to be a part of the industry. The trip gave them a chance to interact with the personnel and so they gathered information regarding options for further study in that area.

Being an internal mentor for Walk With a Scholar Programme was a delightful academic experience as a teacher. Mentees, who initially exhibited certain inhibitions in participating in discussions and doing tasks, gradually find it enthusiastic and rewarding and started immersing in interactions with great passion. Internal sessions on SWOT analysis, group discussion, debate, resume preparation etc provided mentees with a better self understanding and enhanced their ability to tackle problems they faced in creative manner.

Field visit to Malayala Manorama News channel and Mazhavil Manorama entertainment channel facilitated students to explore a new world of visual media. First hand information was collected through interaction with technical staff. Deliberations on how news is being made and how far a channel's policy determine broadcasting of a news unraveled before the students the concept of politics of news in the contemporary world. Introspective interactions with the media persons familiarized them with the technical advancement in the area.

WWS provided mentees an opportunity for holistic development beyond curriculum learning. More time can be given to the programme if started in the beginning of the academic year. Number of field visits can be increased to explore into the real life experiences at various levels.

The programme during 2018-19 came to a close with the external mentoring class by Dr. K S Madhavan, Associate Professor in Calicut University who spoke on the relevance of academic culture creation in higher education. The students have submitted feedback on external mentoring classes and it is found that the academic mentoring engagements have transmitted a new sense and orientation to the students who were fervently looking for some significant guidance in this direction.


Dr. Sebastian Joseph

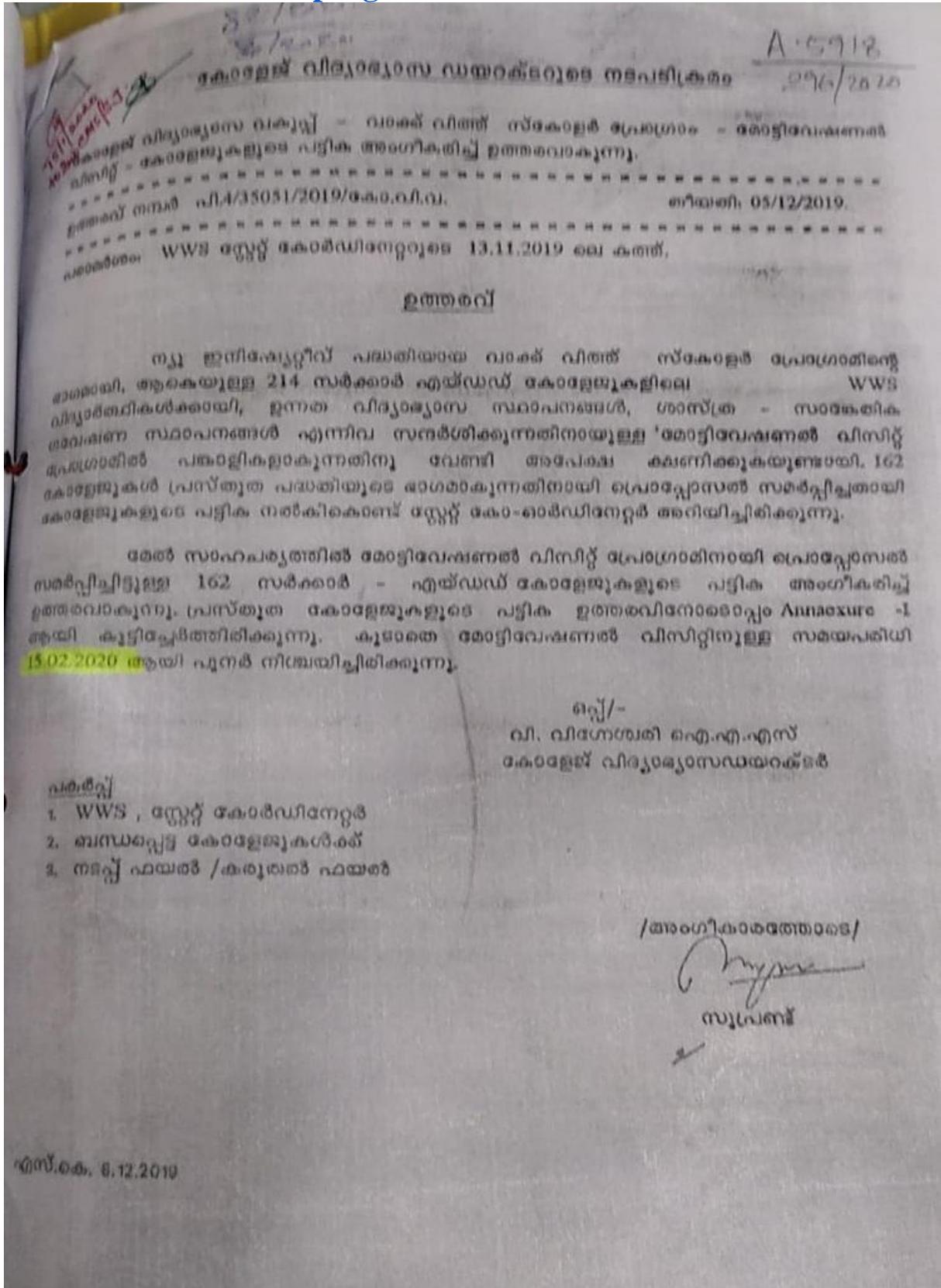
Coordinator




Dr. THARA K. SIMON
Principal/Drawing & Disbursing Officer
U. C College, Aluva



Order indicating sanction for the Walk With a Scholar programme 2019-2020





UNION CHRISTIAN COLLEGE, ALUVA

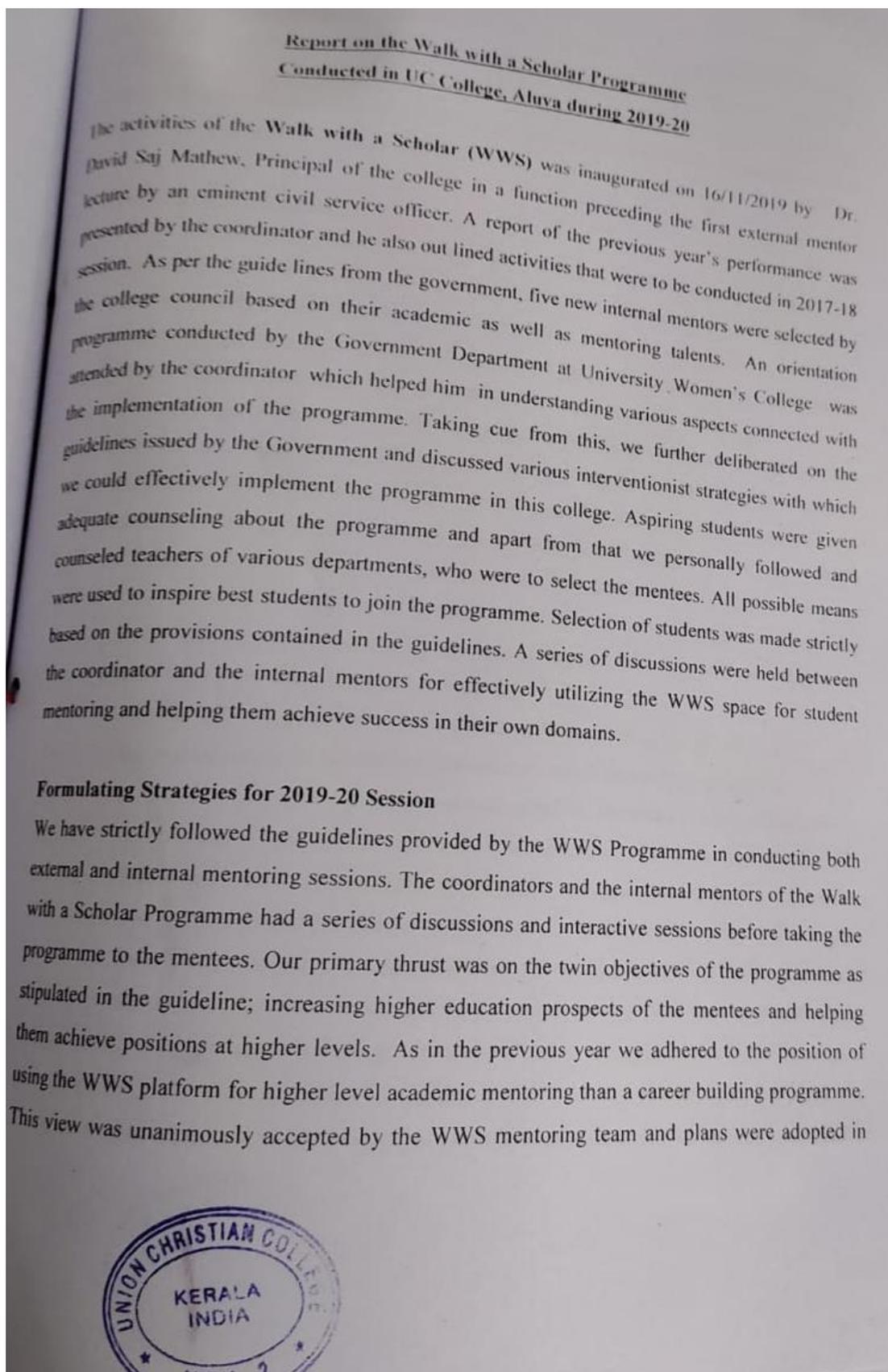
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SSR
5th CYCLE
2023

33	St. Xavier's College Vaikkom	Aided	Kottayam		
34	Newman College, Thodupuzha	Aided	Idukki	70000	✓
35	NES College Rajakumari	Aided	Idukki	70000	✓
36	Pavanatma College Murikkassery	Aided	Idukki	70000	✓
37	Union Christian College Aluva	Aided	Ernakulam	70000	✓
38	Morning Star Home Science College Anzhamally	Aided	Ernakulam	70000	✓
39	BPC Piravom	Aided	Ernakulam	70000	✓
40	Marthoma College	Aided	Ernakulam	70000	✓
41	MES College Marampally, Aluva	Aided	Ernakulam	70000	✓
42	Sree Sankara College, Kalady	Aided	Ernakulam	70000	✓
43	Cochin College	Aided	Ernakulam	70000	✓
44	SNM College	Aided	Ernakulam	70000	✓
45	St Xaviers	Aided	Ernakulam	70000	✓
46	Acquinas College	Aided	Ernakulam	70000	✓
47	ST Teresas College	Aided	Ernakulam	70000	✓
48	Sacred Hearts College Tevara	Aided	Ernakulam	70000	✓
49	SSV College	Aided	Ernakulam	70000	✓
50	ST Pauls College	Aided	Ernakulam	70000	✓
51	St Alberta College	Aided	Ernakulam	70000	✓
52	St Peters College Kolanchery	Aided	Ernakulam	70000	✓
53	Al Ameen College	Aided	Ernakulam	70000	✓
54	S D College	Aided	Alappuzha	70000	✓
55	St. Joseph College	Aided	Alappuzha	70000	✓
56	St. Michael's College Cherthala	Aided	Alappuzha	70000	✓
57	NSS College Cherthala	Aided	Alappuzha	70000	✓
58	Christ College Irungalakkuda	Aided	Thrissur	70000	
59	St Thomas College	Aided	Thrissur	70000	
60	Little Flower College	Aided	Thrissur	70000	
61	MES Asmabi College	Aided	Thrissur	70000	
62	Pragyothe Nikethan College	Aided	Thrissur	70000	
63	S N College Nattika	Aided	Thrissur	70000	
64	Venada College	Aided	Thrissur	70000	
65	St Marys College	Aided	Thrissur	70000	
66	Carmel College	Aided	Thrissur	70000	
67	St. Joseph	Aided	Thrissur	70000	
68	MD College	Aided	Thrissur	70000	
69	Sacred Hearts College Changanassery	Aided	Thrissur	70000	





that direction for conceiving the external as well as internal mentoring sessions. External mentoring lectures were given for the first year and second year mentees in different sessions for their advantage. For the first year mentees the classes were mainly directed to explore and confirm their academic/career interests and for the second year mentees the sessions were of a higher kind in finding out an area for their excellence.

Sessions by External Mentors

The sessions were aimed to sharpen the skills of the students to make them globally competitive to be the best in terms of knowledge, capability, and values. The lecture focused on various dimensions of one's personality, attitudes and behavioural pattern in order to bring in holistic development. The sessions were oriented to enhance the general awareness, social intelligence, emotional intelligence, communication quotient and overall creativity. There were inputs on effective communication skills, personality development, leadership skills, social etiquette and community and cultural sensitivity. The program also gave inputs to motivate them to prepare for top careers such as Civil Services and other global leadership positions. The aim was to make them socially accepted people so that they can get effortlessly adapted to the 'real world'. Institutions, facts, policies, 'best' and 'worst' practices. The session was a journey to discover oneself, empower oneself and to building relationships. The students interacted well and the sessions ended with certain resolutions by students to change their lifestyle and behavioural pattern in order to be more disciplined and committed.

An external mentoring session was conducted on 04/01/2019 by Dr. Biju R I on Reviewing the journal article for the second year mentees which was very productive in addressing the way in which a serious scholar review an article. He spoke at large on the issues connected with the content analysis and other technicalities connected with the reviews of articles in sciences and social sciences. In the afternoon the resource person talked to the first year mentees on locating gender perspectives in relation to one's own environmental affiliations. Dr K S Madhavan of the Calicut University delivered a three hour lecture on Understanding the constitution and democratic values for the first year students. He described the constitutional as a living document which takes its strength from the freedom struggle and national ideologies propagated by men with scientific temperament and critical mindset. He described the constitution as an emancipatory document that pins hopes on democratic values embedded in the





Indian body politic. He also contextualized the talk within the present movements against the citizenship amendment bills and effectively pointed to the emergence of a new public sphere in India charged with the spirits embodied in the constitution. The lecture was followed by a highly charged interactive sessions where the mentees raised serious concerns about the nation state and the plight of the people who value for democratic values and constitutional rationality.

An external mentoring lecture conducted on soft skill development at T B Ninan hall at Union Christian Collage on Feb 1 2020, Saturday by Sanjeev Kumar of the Skill Birds training centre . It was a very nice and well interactive session which sir had started through his self introduction and a note on skilled bird development school and its working, then made the mentees to introduce in brief. In between he started to correct the sitting postures and told the mentee what each postures that depicted .He also put in description what soft skills were and among which our posture is a major part of. He started the lecture by depicting the importance of appearance and postures that one had to maintain while attending an interview and even while addressing a public. Then he made them to clap hands as well as laugh loud but that was not the best way, sir explained us how we had to do everything in order to make it perfect and noted that "If something had to be perfect we had to do it from heart , then it would find perfection as well as satisfaction. Pallavi Rao a first year mentee comments, "then he again made us to clap hands and laugh loud which sir said was perfect because we did it for ourselves. Sir made us to note the that three words which leads to success at each point of life which were: "INVOLVEMENT → COMMITMENT → SATISFACTION." Then paving way to soft skills sir gave notes about ATTITUDE, COMMUNICATION, SOCIAL SKILLS, and PERSONALITY TRAITS and so on. We never felt how time flew because it was not like hearing a class it was filled with activities. The best part was that sir gave us a time or 5 minutes and made us to interact with everyone and know each other, after which sir asked us the names of others and was happy that we could know many batch mates whom we were seeing for the first time even being in the same collage. It was a fantastic session we had ever attended and Sanjeev sir was such an amazing person. The session was well informative and we could know what we should and shouldn't do while it comes to the case of career and soft skills we had to keep an account on."

A M Geevarghese , an expert in language and literature talked to the students on effective means of reading and reviewing an academic book on 7/2/2020 . As an erudte scholar in the field



he explored various methods through which one can read and critique the arguments enmeshed in a book with higher academic values, showcasing suitable examples from scientific and social scientific books. The session also contained a reading session where students were asked to read from various selected books and cast their opinions. He implicated to the politics of meaning production and transmission in his lecture which was very useful for all the mentees.

As part of walk with scholar programme an external mentoring session was arranged in our college on 7th February 2020 at 10:00 AM. The class was lead by former Vice Chancellor of Cusat Prof Dr Babu Joseph on the topic 'scientific temper'. Reshmi miss of physics department welcomed him to the session. In the session professor explained scientific temper and its need. In the beginning he spoke about scientific temper and defined it in the laymen's language. He also explained the term as a way of life which uses the scientific method and includes questioning, observing physical reality, testing, hypothesizing, analysing and communicating. It is an attitude which involves the application of logic. The term scientific temper was coined by Jawaharlal Nehru in the book 'Discovery of India'. Sir distinguished science from pseudoscience. Pseudoscience is claimed to be both scientific and factual but it does not match with scientific method. He told us that astrology and palmistry belongs to this category. India is a land which gave many valuable contributions to the world of science. He talked about our forefathers in science including Aryabhata, Varahamihiri and Madhavan. Their contributions were later rediscovered in Europe like Pythagoras theorem. Later he moved on to the topic evolution. He spoke about the voyage of Charles Darwin to Galapagos island, his systematic methods and the need to follow one. Science needs proof. Nothing is accepted in science without proof. The existence of historic characters like Ravana who had ten heads should only be accepted with proof like the fossil. After one hour of lecturing an interaction session was held. We discussed about the ideas explained in the Indian epics and its relation to science, about the growth and capability of biotechnology, the reality about existence of aliens, Indian mathematicians and the truth about astrology and palmistry. After one hour of fruitful discussion the class wind up with of vote of thanks. Through this session we learned about scientific temper and its need in ones life.





On 8/2/2020, Viju B of Times of India interacted with the students on the broad area of the world of journalism and news making. As part of his lecture he spoke on various modalities through which news is created and made public. He also spoke on the challenges involved in reporting news and events in the society which has deeper implications on the public opinion formation. By way of his lecture he specifically focused on the making of news in connection with the flood of Kerala in 2018 and 2019 and contextually referred to his book which emerged from his journalistic journeys through the Western Ghats. On 11/2/2020, Dr Sudhakaran K M delivered a lecture on Gender sensitization and environmental politics. He spoke at large regarding the environmental issues and called upon the students to get informed about the undercurrents of environmental politics, both at regional and global dimensions. On 14/2/2020, the mentees of the walk with a scholar had a very different session under the category of meeting an artist cum teacher, Dr. Parvathy Menon who is a celebrated singer and very popular teacher of social sciences, History. She spoke on the linkages between music and higher education and taught the mentees the life world of a musician and teacher in one. By way of her talk she pointed to the following aspects vital for the students to understand and internalize in their academia. Music is a power that directly reaches the soul of the individual; it becomes a message that goes from heart to heart: from the heart of the composer/singer to the heart of the listener. That power is very strong and influences individuals, societies and governments; and it can be used to educate, teach and transmit values that benefit the social, intellectual, moral and spiritual development of an individual. If we combine education with music, the teaching goes directly to the heart of the student and it can produce good results. Music has a big influence in our behavior: it strengthens our soul, it also affects our body, stimulates our intelligence and creativity and it influences the perception we have of the world. It has the power of moving the body, spirit and soul of the person, impacting his life. Music is a power that can influence and promote great movements in the world, that can reinforce moral, ethical and spiritual values in the person, with either negative or positive objectives for the human family. It is a universal language which can be used as a tool for promoting a global change. It can place the human being in harmony with himself, with his family, community, nation and Mother Earth. Musical curriculum should be introduced for the harmony of the human being. If we include music as a method of integral teaching within the educational system at a global level, we can make music as an instrument to teach ethical, moral and spiritual values in the students. Music can bring





them together and empower and inspire them to work together to accomplish goals and achieve visions.

The last session of WWS for the academic year was engaged by the popular figure, Advocate Jayashankar, a renowned media critic, political analyst and columnist. The session garnished with humour and wit saw the speaker enthrall the students as he traced his journey as a small boy in a remote village in Kerala to his present role as a much sought after political critic in the regional media. That his pedigree as a journalist comes without the backing of a degree in journalism or media studies only made his story all the more inspiring. Advocate Jayashankar led the students by hand into his school, college and professional days relating it with the some of the major socio-political upheavals that shook the world. The personal experience shared by Shri. Jayashankar was a real stimulant to the mentees and was followed by a very long interactive session on varied subjects like history and politics.

Internal Mentoring Sessions

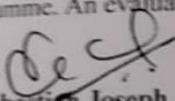
The year under review witnessed full scale internal mentoring sessions with a focus on developing the one to one rapport between the mentors and the mentees. In the case of the second year team we have noticed intimate relation that has developed between the mentor and the mentee due to the continued association between the two. Even when the official guidelines stipulate fifteen hour sessions for them, some of them were found taking sessions exceeding the official timings. A positive development of these sessions is the fine tuned career aspirations of the mentees under their charge and development of a long term plan for excellent achievements. The internal mentors conducted lectures, interactive sessions and counseling as per the guidelines and established firm rapport with their respective mentees. The internal mentors had sessions depending on the tastes of the mentees and had debates, discussions, film screenings, critical reading sessions, book reviewing sessions and many more. We have arranged meetings where all the teams assembled and discussed topics of national relevance.





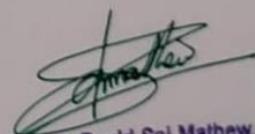
Valedictory Function: 15/02/2020

The programme for the year 2019-20 came to a close on 15/2/2020 with a valedictory function. The Principal chaired the session and internal mentors and coordinator delivered reports about the programme. He called upon the mentees to excel in their own areas and highlighted the importance of basic science and social science education in the changing scenario of higher education. The mentees shared their experience during the day and also evaluated the programme. An evaluation of the external mentoring sessions was done by the mentees.


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